

MISSISSIPPI GULF COAST COMMUNITY COLLEGE



19 CATALOG
1993-1994

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MISSISSIPPI GULF COAST COMMUNITY COLLEGE 93-94 CATALOG



MISSISSIPPI GULF COAST COMMUNITY COLLEGE

Mississippi's First Tri-Campus College

CENTRAL OFFICE

PO Box 67
Perkinston, MS 39573
Telephone: (601) 928-5211

JACKSON COUNTY CAMPUS

(Established 1965)
Highway 90 and Vancleave Road
PO Box 100
Gautier, MS 39553
Telephone: (601) 497-9602

JEFFERSON DAVIS CAMPUS

(Established 1965)
Switzer and DeBuys Road
2226 Switzer Road
Gulfport, MS 39507
Telephone: (601) 896-3355

PERKINSTON CAMPUS

(College Division Established 1925)
Highway 49 South
PO Box 67
Perkinston, MS 39573
Telephone: (601) 928-5211

GEORGE COUNTY OCCUPATIONAL TRAINING CENTER

(Established 1972)
Highway 63 South
PO Box 77
Lucedale, MS 39452
Telephone: (601) 947-4201

MISSISSIPPI GULF COAST APPLIED TECHNOLOGY AND DEVELOPMENT CENTER

(Established 1964 — Relocated 1991)
Bernard Bayou Industrial District/Intraplex 10
10298 Express Drive
Gulfport, MS 39505
Telephone: (601) 897-4360

WEST HARRISON COUNTY OCCUPATIONAL TRAINING CENTER

(Established 1985)
Long Beach Industrial Park
Espy and B Street
21500 B Street
Long Beach, MS 39560
Telephone: (601) 868-6057

KEESLER CENTER

(Established 1973)
PO Box 5008
Keesler Air Force Base, MS 39534
Telephone: (601) 432-7198

Harrison, Stone, Jackson, and George Counties Cooperating

Information contained in this publication is subject to change without prior notice. Information contained herein shall not constitute a binding agreement on the part of Mississippi Gulf Coast Community College.

The Mississippi Gulf Coast Community College is an Equal Opportunity Employer and welcomes students and employees without regard to race, color, religion, national origin, sex, age, or disability.

In compliance with the Drug Free Workplace Act of 1988, as revised by the Drug-Free Schools and Communities Act of 1989, Public Law 101-226, Mississippi Gulf Coast Community College is required to notify employees and students that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance or alcohol is prohibited in the college environment.

The college has adopted and implemented an educational, assistance, and referral program for students and employees.

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FOREWORD

This publication is intended to be a helpful source of information about the opportunities for education advancement offered by Mississippi Gulf Coast Community College. The college offers two years of senior college parallel programs covering a broad scope of subjects, plus more than 46 technical and vocational programs.

This bulletin covers general academic requirements and procedures, student activities, curriculum and course descriptions. Also included are descriptions of the physical facilities on Jackson County Campus at Gautier, Jefferson Davis Campus at Gulfport-Biloxi, both non-resident, and Perkinston Campus at Perkinston which has dormitory facilities for men and women. Material is also included on the George County Occupational Training Center, Mississippi Gulf Coast Applied Technology and Development Center, West Harrison County Occupational Training Center, and the Keesler Air Force Base Center.

The material compiled here is organized into six parts as outlined in the table of contents, each furnishing information to students and/or their parents. Specific topics may be located by consulting the index. A better understanding of the institution, its philosophy, offerings and advantages will be gained by reading this bulletin in its entirety.

ACCREDITATION

The college is accredited by the Mississippi College Commission for Accreditation and by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate degrees. Students transferring to senior institutions will receive recognition for credits earned at Mississippi Gulf Coast Community College.

The following programs hold specialized accreditation:

ASSOCIATE DEGREE NURSING — Board of Trustees of State Institutions of Higher Learning, State of Mississippi. National League for Nursing.

RADIOLOGICAL TECHNOLOGY — The Joint Review Committee on Education in Radiological Technology of the American Medical Association.

MEDICAL LABORATORY TECHNOLOGY — National Accrediting Agency for Clinical Laboratory Sciences.

RESPIRATORY THERAPY TECHNICIAN — American Medical Association, Joint Review Committee for Respiratory Therapy.

Compliance Policy

The Mississippi Gulf Coast Community College is an Equal Opportunity Employer and welcomes students and employees without regard to race, color, religion, national origin, age or disability. Federal law prohibits the college from making preadmission inquiry about handicaps. Information regarding handicaps, voluntarily given or inadvertently received, will not adversely affect any admission decision. If you require special services because of handicap, you may notify the Equal Opportunity Office at the campus or center on which you expect to enroll. This voluntary self-identification allows the Mississippi Gulf Coast Community College to prepare appropriate support services to facilitate your learning. This information will be kept in strict confidence and has no effect on your admission to the college.

For further information on equal opportunity matters, see any one of the following Equal Opportunity Officers:

Central Office: Gerald Gartman, Zoula Huffman

Jackson County Campus: Houshang Moradmand, William Martin (alternate).

Perkinston Campus: Richard Miller, Robert Rominger (alternate).

Jefferson Davis Campus: Clifton D. Taylor, Harry Stamps (alternate).

Keesler Center: Clara D'Aquila, Tommy Adkins (alternate).

George County Occupational Training Center: Anna Faye Kelly, Ronnie Mizell (alternate).

West Harrison County Occupational Training Center: Don Christensen, Tommye Skinner (alternate).

Applied Technology Center: Johnny Tynes

Central Office:

Title IX (sex discrimination): Zoula Huffman

Section 504 of the Rehabilitation Act of 1973: Gerald Gartman

COLLEGE CALENDAR 1993-94

Friday, August 13, 1993 — New Personnel Orientation
 Monday, August 16, 1993 — District Faculty Workshop
 Tuesday, August 17, 1993 — Campus Faculty Workshops

Fall Semester, 1993

If pre-registration is complete, all fees have been paid and books have been picked up, the student will be free until classes begin.

Date	Day	Function
August 18-20	Wednesday-Friday	Registration — all campuses.
August 18	Wednesday	Dormitories open. Perkinson boarding students report. First semester fees due. Semester room rent. First month's board due at Perkinson.
August 23	Monday	Classes begin. Start of Late Registration.
August 27	Friday	End of Late Registration. Last day to officially withdraw without a grade.
September 6	Monday	Labor Day Holiday.
September 14-15	Tuesday-Wednesday	Advisor/ Advisee meetings.
September 17	Friday	Second month's board due at Perkinson.
October 1	Friday	End of sixth week.
October 11-12	Monday-Tuesday	Columbus Day Holidays (all offices closed).
October 15	Friday	Balance of semester's board due at Perkinson. End of refund period.
October 22	Friday	End of ninth week. Mid-term grades due.
October 29	Friday	Last day to officially withdraw with "W" grade.
November 24	Wednesday	Thanksgiving Holidays begin after fourth period class. Administrative offices close at 2:00 p.m.
November 25-26	Thursday-Friday	Thanksgiving Holidays.
December 13-17	Monday-Friday	Final Examinations.
December 17	Friday	Semester ends. Christmas Holidays begin. Administrative offices close at 3:00 p.m.
December 20-22	Monday-Wednesday	Scheduled make-up days in case of emergency.

Spring Semester, 1994

If pre-registration is complete and all fees have been paid, the student will be free until classes begin.

Date	Day	Function
January 3	Monday	All administrative offices open.
January 4-6	Tuesday-Thursday	Registration. Second semester fees due at assigned registration time. Semester room rent. First month's board due at Perkinson Campus.
January 7	Friday	Classes begin. Start of Late Registration.
January 13	Thursday	End of Late Registration. Last day to officially withdraw without a grade.
January 17	Monday	Martin Luther King Jr.'s Birthday Holiday.
January 19-20	Wednesday-Thursday	Advisor/Advisee meetings.
January 28	Friday	Second month's board due at Perkinson.
February 11	Friday	End of sixth week.
February 14-15	Monday-Tuesday	Mardi Gras Holidays — Monday night classes will make-up on Friday, February 18 and Tuesday night classes will make-up on Friday, February 25.
February 25	Friday	Administrative offices open. Balance of semester's board due at Perkinson. End of refund period.
March 4	Friday	End of ninth week. Mid-term grades due. Spring Holidays begin after classes.
March 7	Monday	Departmental Planning and Goals. Classes will not meet.
March 14-18	Monday-Friday	Spring Holidays. Administrative offices open Monday, closed Tuesday through Friday.
March 14	Monday	Classes resume.
March 18	Friday	Last day to officially withdraw with a "W" grade. College-wide counterpart meeting.
April 1	Friday	Good Friday Holiday. Offices closed.
May 2-6	Monday-Friday	Final examinations.
May 9-13	Monday-Friday	Scheduled make-up days in case of emergency. Graduation will be rescheduled if make-up days are necessary.

GRADUATION SCHEDULE

Date	Day	Function
May 9	Monday	Jefferson Davis Campus
May 10	Tuesday	Jackson County Campus
May 11	Wednesday	Perkinston Campus
		Session ends.

Four-Week Summer Term, 1994 Day Class Schedule

First Session

May 26-27	Thursday-Friday	Registration — Day Classes.
May 30	Monday	Memorial Day Holiday.
May 31	Tuesday	First session. Classes begin.
June 23-24	Thursday-Friday	Final Examinations. First session ends.

Second Session

June 24	Friday	Registration — Second Session.
June 27	Monday	Second session. Classes begin.
July 4	Monday	Independence Day Holiday. Classes will not meet.
July 21-22	Thursday-Friday	Final Examinations. Summer session ends.

Eleven-Week Summer Term, 1994 Night Class Schedule

May 25-27	Wednesday-Friday	Registration — Night Classes.
May 30	Monday	Memorial Day Holiday. Night classes begin and will meet.
June 10	Friday	Make-up for Monday night classes.
June 17	Friday	Make-up for Tuesday night classes.
June 24	Friday	Make-up for Wednesday night classes.
July 4	Monday	Independence Day Holiday. Night classes will not meet.
July 8	Friday	Make-up for July 4th — Independence Day Holiday.
July 15	Friday	Make-up for Thursday night classes.
August 1-5	Monday-Friday	Final Examinations. Summer session ends.

**KEESLER CENTER
OF THE JEFFERSON DAVIS CAMPUS
1993-94**

Fall Term — September 6, 1993-November 19, 1993

Date	Day	Function
August 23	Monday	Begin Registration
September 3	Friday	End Registration
September 6	Monday	Labor Day Holiday
September 7	Tuesday	Classes Begin
November 15-18	Monday-Thursday	Final Examinations

Winter Term — November 29, 1993-February 25, 1994

November 15	Monday	Begin Registration
November 24	Wednesday	End Registration
November 25-26	Thursday-Friday	Thanksgiving Holiday
November 29	Monday	Classes Begin
December 17	Friday	Christmas Holidays Begin
January 3	Monday	Classes Resume
February 21-24	Monday-Thursday	Final Examinations

Spring Term — March 7, 1994-May 20, 1994

February 21	Monday	Begin Registration
March 4	Friday	End Registration
March 7	Monday	Classes Begin
April 1	Friday	Good Friday Holiday
May 16-19	Monday-Thursday	Final Examinations

Summer Term — May 30, 1994-August 12, 1994

May 23	Monday	Begin Registration
May 27	Friday	End Registration
May 30	Monday	Memorial Day Holiday
May 31	Tuesday	Classes Begin
August 8-11	Monday-Thursday	Final Examinations

SEMESTER TESTING SCHEDULE

Fall Semester, 1993 Jackson County Campus

Date	Exam Time	Class Time
Monday December 13	8:00 a.m.-10:00 a.m.	8:00 a.m.-8:53 a.m. MWF
	10:00 a.m.-12:00 Noon	10:00 a.m.-10:53 a.m. MWF
	1:00 p.m.-3:00 p.m.	12:00 Noon-12:53 p.m. MWF
Tuesday December 14	8:00 a.m.-10:00 a.m.	8:00 a.m.-9:20 a.m. and 8:00 a.m.-9:53 a.m. TT
	10:00 a.m.-12:00 Noon	9:30 a.m.-10:50 a.m. and 10:00 a.m.-11:53 a.m. TT
	4:00 p.m.-6:00 p.m.	4:00 p.m.-5:20 p.m. Tue
Wednesday December 15	8:00 a.m.-10:00 a.m.	9:00 a.m.-9:53 a.m. MWF
	10:00 a.m.-12:00 Noon	11:00 a.m.-11:53 a.m. MWF
	1:00 p.m.-3:00 p.m.	1:00 p.m.-1:53 p.m. MWF
Thursday December 16	4:00 p.m.-6:00 p.m.	4:00 p.m.-5:20 p.m. MW
	8:00 a.m.-10:00 a.m.	11:00 a.m.-12:20 p.m. TT
	10:00 a.m.-12:00 Noon	1:00 p.m.-2:20 p.m. and 1:00 p.m.-2:53 p.m. TT
Friday December 17	1:00 p.m.-3:00 p.m.	2:30 p.m.-3:50 p.m. and 3:00 p.m.-3:53 p.m. TT
	4:30 p.m.-6:30 p.m.	5:00 p.m.-6:20 p.m. TT
	8:00 a.m.-10:00 a.m.	2:00 p.m.-2:53 p.m. MWF
December 17	10:00 a.m.-12:00 Noon	3:00 p.m.-3:53 p.m. MWF

Evening class exams will be the last meeting of the semester during exam week.
Saturday morning class exams will be given the last regular meeting prior to exam week.

Spring Semester, 1994 Jackson County Campus

Monday May 2	8:00 a.m.-10:00 a.m.	8:00 a.m.-8:53 a.m. MWF
	10:00 a.m.-12:00 Noon	10:00 a.m.-10:53 a.m. MWF
	1:00 p.m.-3:00 p.m.	12:00 Noon-12:53 p.m. MWF
Tuesday May 3	8:00 a.m.-10:00 a.m.	8:00 a.m.-9:20 a.m. and 8:00 a.m.-9:53 a.m. TT
	10:00 a.m.-12:00 Noon	9:30 a.m.-10:50 a.m. and 10:00 a.m.-11:53 a.m. TT
	4:00 p.m.-6:00 p.m.	4:00 p.m.-5:20 p.m. Tue
Wednesday May 4	8:00 a.m.-10:00 a.m.	9:00 a.m.-9:53 a.m. MWF
	10:00 a.m.-12:00 Noon	11:00 a.m.-11:53 a.m. MWF
	1:00 p.m.-3:00 p.m.	1:00 p.m.-1:53 p.m. MWF
Thursday May 5	4:00 p.m.-6:00 p.m.	4:00 p.m.-5:20 p.m. MW
	8:00 a.m.-10:00 a.m.	11:00 a.m.-12:20 p.m. TT
	10:00 a.m.-12:00 Noon	1:00 p.m.-2:20 p.m. and 1:00 p.m.-2:53 p.m. TT
Friday May 6	1:00 p.m.-3:00 p.m.	2:30 p.m.-3:50 p.m. and 3:00 p.m.-3:53 p.m. TT
	4:30 p.m.-6:30 p.m.	5:00 p.m.-6:20 p.m. TT
	8:00 a.m.-10:00 a.m.	2:00 p.m.-2:53 p.m. MWF
May 6	10:00 a.m.-12:00 Noon	3:00 p.m.-3:53 p.m. MWF

Evening class exams will be the last meeting of the semester during exam week.
Saturday morning class exams will be given the last regular meeting prior to exam week.

Fall Semester, 1993 Jefferson Davis Campus

Date	Exam Time	Class Time
Saturday, Dec. 11	8:00 a.m.-10:00 a.m.	Sat. morning classes
Monday December 13	8:00 a.m.-10:00 a.m.	1 MWF class
	10:00 a.m.-12:00 Noon	3 MWF classes
	1:00 p.m.-3:00 p.m.	5 MWF classes
	3:00 p.m.-5:00 p.m.	8 MWF classes
Tuesday December 14	8:00 a.m.-10:00 a.m.	1-2 TT classes
	10:00 a.m.-12:00 Noon	3 or 2-3 Tu and/or Th classes
	1:00 p.m.-3:00 p.m.	7 MWF classes
	4:00 p.m.-6:00 p.m.	9 or 9-10 Tu and/or Th classes
Wednesday December 15	8:00 a.m.-10:00 a.m.	2 MWF classes
	10:00 a.m.-12:00 Noon	4 MWF classes
	1:00 p.m.-3:00 p.m.	6 MWF classes
	4:00 p.m.-6:30 p.m.	9-10 and/or 11 Mon and/or Wed and/or Fri classes
Thursday December 16	8:00 a.m.-10:00 a.m.	5-6 or 6-7 TT classes
	10:00 a.m.-12:00 Noon	0 MWF classes
		4 or 4-5 Tu and/or Th classes
	3:00 p.m.-5:00 p.m.	8 or 7-8 Tu and/or Th classes

Spring Semester, 1994 Jefferson Davis Campus

Saturday, April 30	8:00 a.m.-10:00 a.m.	Sat. morning classes
Monday May 2	8:00 a.m.-10:00 a.m.	1 MWF class
	10:00 a.m.-12:00 Noon	3 MWF classes
	1:00 p.m.-3:00 p.m.	5 MWF classes
	3:00 p.m.-5:00 p.m.	8 MWF classes
Tuesday May 3	8:00 a.m.-10:00 a.m.	1-2 TT classes
	10:00 a.m.-12:00 Noon	3 or 2-3 Tu and/or Th classes
	1:00 p.m.-3:00 p.m.	7 MWF classes
	4:00 p.m.-6:00 p.m.	9 or 9-10 Tu and/or Th classes
Wednesday May 4	8:00 a.m.-10:00 a.m.	2 MWF classes
	10:00 a.m.-12:00 Noon	4 MWF classes
	1:00 p.m.-3:00 p.m.	6 MWF classes
	4:00 p.m.-6:00 p.m.	9-10 and/or 11 Mon and/or Wed and/or Fri classes
Thursday May 5	8:00 a.m.-10:00 a.m.	5-6 or 6-7 TT classes
	10:00 a.m.-12:00 Noon	0 MWF classes
		4 or 4-5 Tu and/or Th classes
	3:00 p.m.-5:00 p.m.	8 or 7-8 Tu and/or Th classes

Fall Semester, 1993 Perkinston Campus

Date	Exam Time	Class Time
Monday December 13	8:00 a.m.-10:00 a.m. 10:00 a.m.-12:10 p.m. 1:00 p.m.-3:00 p.m.	8:00 a.m.-9:00 a.m. MWF 10:00 a.m.-11:00 a.m. MWF 11:00 a.m.-12:30 p.m. TT
Tuesday December 14	8:00 a.m.-10:00 a.m. 10:10 a.m.-12:10 p.m. 1:00 p.m.-3:00 p.m.	9:00 a.m.-10:00 a.m. MWF 12:30 p.m.-2:00 p.m. TT 2:00 p.m.-3:00 p.m. MWF
Wednesday December 15	8:00 a.m.-10:00 a.m. 10:10 a.m.-12:10 p.m. 1:00 p.m.-3:00 p.m.	8:00 a.m.-9:30 a.m. TT 11:00 a.m.-12:00 p.m. MWF 12:00 p.m.-1:00 p.m. MWF
Thursday December 16	8:00 a.m.-10:00 a.m. 10:10 a.m.-12:10 p.m. 1:00 p.m.-3:00 p.m.	1:00 p.m.-2:00 p.m. MWF 9:30 a.m.-11:00 a.m. TT 2:00 p.m.-3:30 p.m. TT
Friday, Dec. 17	8:00 a.m.-10:00 a.m.	Make-ups or other classes

Spring Semester, 1994 Perkinston Campus

Monday May 2	8:00 a.m.-10:00 a.m. 10:10 a.m.-12:10 p.m. 1:00 p.m.-3:00 p.m.	8:00 a.m.-9:00 a.m. MWF 10:00 a.m.-11:00 a.m. MWF 1:00 p.m.-2:00 p.m. MWF
Tuesday May 3	8:00 a.m.-10:00 a.m. 10:10 a.m.-12:10 p.m. 1:00 p.m.-3:00 p.m.	8:00 a.m.-9:30 a.m. TT 9:30 a.m.-11:00 a.m. TT 2:00 p.m.-3:00 p.m. MWF
Wednesday May 4	8:00 a.m.-10:00 a.m. 10:10 a.m.-12:10 p.m. 1:00 p.m.-3:00 p.m.	9:00 a.m.-10:00 a.m. MWF 11:00 a.m.-12:00 Noon MWF 12:00 Noon-1:00 p.m. MWF
Thursday May 5	8:00 a.m.-10:00 a.m. 10:10 a.m.-12:10 p.m. 1:00 p.m.-3:00 p.m.	11:00 a.m.-12:30 p.m. TT 12:30 p.m.-2:00 p.m. TT 2:00 p.m.-3:30 p.m. TT
Friday, May 6	8:00 a.m.-10:00 a.m.	Make-ups or other classes

BOARDS OF SUPERVISORS

HARRISON COUNTY

Bobby Eleuterius	Beat 1	Biloxi
Larry Benefield	Beat 2	Gulfport
David LaRosa	Beat 3	Gulfport
Robin Midcalf	Beat 4	Gulfport
C.T. Switzer, Jr.	Beat 5	Biloxi
G.N. Creel	Chancery Clerk	Gulfport

STONE COUNTY

Dana R. Parsons	Beat 1	Wiggins
Jerry J. Fairley	Beat 2	Wiggins
Buster Dean Shaw	Beat 3	Perkinston
Scott Strickland	Beat 4	Perkinston
Dale Bond	Beat 5	Perkinston
Jane C. O'Neal	Chancery Clerk	Wiggins

JACKSON COUNTY

C.R. "Charles" Moseley	Beat 1	Pascagoula
Robert Norvel	Beat 2	Moss Point
Michael L. Pol	Beat 3	Pascagoula
Sharon Landry	Beat 4	Ocean Springs
Carroll Clifford	Beat 5	Gautier
Lynn Presley	Chancery Clerk	Pascagoula

GEORGE COUNTY

Clyde Eubanks	Beat 1	Lucedale
Wayne Christian	Beat 2	Lucedale
Ralph B. Fairley	Beat 3	Lucedale
Larry Havard	Beat 4	Lucedale
Sedrick Howell	Beat 5	Leaf
Jerry Harvey	Chancery Clerk	Lucedale

BOARDS OF TRUSTEES

HARRISON COUNTY

Name	Term Expires		Address
Mrs. Eula Switzer	December	1992	Biloxi
Frank Gruich	June	1993	Biloxi
Vacant			
Mrs. Lillian C. Randall	June	1996	Gulfport
Murrell Hilton	December	1994	Long Beach
Billy Hewes, Jr.	December	1995	Gulfport
James M. Taylor	June	1995	Gulfport
Jackie Weaver	December	1996	Biloxi

STONE COUNTY

James E. Bryan, Jr.	December	1997	Wiggins
John R. Dedeaux	December	1994	Perkinston
Thomas E. Hall	December	1996	Wiggins

JACKSON COUNTY

Frank Ely	December	1997	Lucedale
Ms. Geraldine Barnes	December	1993	Pascagoula
R.H. Slaughter, Jr.	December	1994	Pascagoula
Mrs. Delores Sumrall	December	1995	Ocean Springs
Mrs. Patricia Descher	December	1996	Ocean Springs
Warner Peterson	June	1997	Gautier
J.B. George, Sr.	June	1994	Pascagoula
Harry Roberts	June	1994	Ocean Springs
Donald Massengale, Jr.	June	1994	Pascagoula

GEORGE COUNTY

Wilbur G. Ward	December	1997	Lucedale
Joe B. Harwood, Jr.	December	1993	Lucedale
Arlie R. Howell	December	1996	Lucedale

PART I: PURPOSE AND OBJECTIVES

HISTORY

In the summer of 1911, the Harrison County School Board established the Harrison County Agricultural High School, an action which marked the beginning of the present Mississippi Gulf Coast Community College. As an inducement to locate the school at the little town of Perkinston, a number of prominent citizens donated 656 acres of land and 626 dollars. Their efforts were successful and, with three buildings, the institution began operation in 1912.

In 1916, Stone County was formed from the northern part of Harrison County and the school continued under their dual support.

Realizing that a new educational concept, the Junior college, was ideally suited to the needs of Mississippi, the Legislature enabled the counties to cooperate with the state in offering education beyond the high school level to all who could profit from it and in their home community. One of the first junior colleges to be organized was founded as an addition to the Harrison County Agricultural High School.

Under its new name, the Harrison and Stone County Junior College and Agricultural High School offered the freshman year of college in the 1925-26 session; the sophomore year was introduced, and the first class with one graduate finished in the 1926-27 session. In the summer of 1926, Jackson County joined the two original founders. In 1941 George County added its support.

The institution served the needs of its community through depressions and wars, endeavoring to fulfill its purpose: **"To develop the cultural, intellectual, and character resources of the people of this area, point the way to an economic livelihood based on natural resources, and promote responsible citizenship."**

In 1962, exactly 50 years after its organization, the Agricultural High School division was discontinued since local high schools adequately provided for the youth of the community. Perkinston Junior College continued to grow, both in number of students and in program offerings which included both technical and vocational training beyond the high school level. In this same year, after surveys pointed out an alarming growth rate for the entire area, a Master Plan for Expansion was drawn up, whereby the future needs of the growing community could be more fully met. By 1964, with an enrollment of 1,474 students, the Perkinston Campus was more than over crowded.

In May, 1962, The Governor of the State of Mississippi signed into law House Bill 597 which created the Gulf Coast Junior College District. This bill wiped out county lines as far as the college was concerned. The area became a District, a single unit in which each taxpayer shares equally to support junior college education for the area. In order to bring higher education to the people so that they could train and/or retrain to meet the needs of business and industry; to enable young people to live at home, hold jobs, and go to school, too; to bring cultural as well as academic enrichment to people of all ages, Perkinston Junior College and the District became a pilot program for the state (and one of the first in the nation) when two branches of the college were built on the Gulf Coast. Extensive surveys and population studies, made by committees of business and civic

leaders and education specialists determined locations and offerings for the two campuses. In September of 1965, the Jefferson Davis and Jackson County Campuses opened. Later, the George County Occupational Training Center, the Harrison County Occupational Training Center, and the Keesler Center were added to the multi-campus district. In 1985, West Harrison County Occupational Training Center began operation.

To more clearly reflect the comprehensive nature of the college, the name was changed in 1987 to Mississippi Gulf Coast Community College.

In the Spring 1991, the College relocated the Harrison County Occupational Training Center to Intraplex 10 with the opening of the Mississippi Gulf Coast Applied Technology and Development Center. Established as a joint partnership between the Mississippi Gulf Coast Community College, Mississippi Power Company, and Harrison County Development Commission, the center will continue to serve as a training facility in support of the economic development activities on the Mississippi Gulf Coast.

CHIEF EXECUTIVE OFFICERS

From its establishment in the Summer of 1911, the chief executive of the Mississippi Gulf Coast Community College has been designated as the President.

The following individuals have served as the chief executive officers of this institution:

J.A. Huff	(1912-1916)
Claude Bennett	(1916-1919)
J.J. Dawsey	(1919-1921)
Thos. I. Cook	(1921-1922)
J.H. Forbis	(1922-1924)
J. Lee Denson	(1924-1929)
Cooper J. Darby	(1929-1941)
Albert L. May	(1941-1953)
J.J. Hayden, Jr.	(1953-1985)
Barry L. Mellinger	(1986-present)

PURPOSE

The Mississippi Gulf Coast Community College is an integral part of the area it serves and genuinely recognizes its inherent responsibility to enhance the educational development of all persons able to benefit from its services. The programs and activities are designed to develop responsible citizenship and leadership in a constantly changing and highly complex society.

OBJECTIVES

The campuses and centers of this community college are dedicated to accomplishing the above purpose by:

A. Offering college-transfer programs consisting of courses leading to college degrees.

B. Providing technical and vocational programs designed to prepare students for immediate employment with emphasis on serving community needs.

C. Serving continuing education needs through varied programs, courses, and activities.

D. Promoting and encouraging educational, economic, and cultural development in the community through the facilities and resources of the college.

Students at Mississippi Gulf Coast Community College are able to further their educations at a comparatively low cost. Three campuses and four centers conveniently located enable many students to live at home while attending college full-time and other students to hold jobs in their home communities while earning college credits as part-time students.

Mississippi Gulf Coast Community College is part of a statewide system of community/junior colleges.

THE MULTIPLE-CAMPUS COLLEGE

The main emphasis in the organization and operation of the Mississippi Gulf Coast Community College is that it is a single, institutional entity with three campus locations and four centers.

The relationships of personnel on each of the three campuses to college administrative staff are the same personnel administrative relationships which would be found on a single campus. The same general policies, philosophies of operations, purposes and objectives, as well as the same procedural methods, apply to all campuses equally, and exceptions can be made only when based on purely local factors.

There should always be close cooperation, articulation, and coordination between the campuses of the college. Individual differences which arise from differing student body characteristics, geographic locations, or purely local factors, are respected and their effects on procedure or policies are recognized as long as local decisions do not alter college administrative policies.

With the exception of certain courses and specialized areas, the three campuses offer essentially the same basic instructional program. Course numbers and descriptions in the catalog, course outlines, textbooks, and supplementary materials apply to all campuses. When courses differ, the campus on which the course is taught will be designated. Close departmental coordination among campuses helps insure all students optimum uniformity of instructional quality.

PART II: PHYSICAL FACILITIES

Mississippi Gulf Coast Community College has a master plan for the upgrading and expansion of its physical facilities to provide for current and projected enrollment and program offerings. This plan includes efforts to assure access for handicapped students. If handicapped students experience problems due to physical facilities, they should contact a college dean for assistance.

Jackson County Campus

The campus is located five miles west of Pascagoula adjacent to a major four lane highway, U.S. 90 at Gautier. A direct access road to Interstate Hwy. 10, 3.5 miles north of the campus, makes it easily accessible to the whole Coastal area. Good state and county roads connect with the traffic artery.

The air-conditioned building complex of modern design is situated 300 yards from the highway on 138 acres. The eight principal buildings on the campus are of concrete and/or brick construction.

Building A. The main building on the campus is a single story, circular building, two hundred forty feet in diameter. It houses the administrative offices, general academic classrooms, science lecture halls and laboratories, television control section and studio. An additional physics lab was built in 1985. All administrative areas and the science labs were renovated in 1985.

Building B. The oldest of the three vocational-technical education buildings. The classrooms and laboratories in the building accommodate the drafting and design technology and distribution and marketing programs. Also housed in this building is the central power plant that furnishes heat, air-conditioning and water facilities for the campus complex.

Building C. Two-story structure, is a circular building, slightly smaller in area than Building A. It contains the campus bookstore, faculty dining room, student grill, dining area, lounge, student center, and classroom.

Building D. This is the largest of the four vocational-technical education buildings. Housed in this building are vocational-technical education offices, vocational counselor offices, electronics, welding, pipefitting, industrial electricity and other vocational programs and classrooms.

Building E. This building is constructed with the same architectural design as the other buildings on campus. The building was designed primarily to house the health and physical education departments. However, the building was designed to be used as a multi-purpose building as it contains, in addition to the health and physical education facilities, six classrooms and a stage. An olympic size, heated swimming pool is adjacent to Building E.

Building F. This building houses the Fine Arts Departments. It contains spacious laboratories for music and art classes. It also contains three classrooms for general use and three offices for instructors. A 472-seat auditorium with a fully equipped stage for all types of theatrical productions is also part of this building.

Building G. A vocational-technical education building provides office, classroom, and laboratory facilities for marine mechanical, automotive mechanics, and machine shops programs.

Building H. The health occupations building houses all the related health programs. This building provides instructors offices, classrooms and laboratories for

the associate degree nursing, practical nursing, medical laboratory technology, radiologic technology, and respiratory therapy programs.

Building J. This is a child care facility and it is used for learning experiences for the Child Care program students. Consists of two rooms for the care of children 2-4 years old, an infant care room, and kitchen and office facilities.

Building L. This building is known as the Learning Resource Center. The Library is located on the second floor south-side of the building. Media Services, the Learning Lab and Literacy Programs are located on the first floor south-side of the building. General purpose classrooms also are located on both the first and second floors of the building. Computer Science Labs are located on the first floor north-side of the building.

Building T. A vocational/technical education building which houses Automated Manufacturing Technology and Business and Office programs. Included in the facility are offices for adult and industry training coordinators and a large multi use industrial training classroom area.

USM Building. The University of Southern Mississippi-Jackson County Center provides courses, advisement and administrative services for the convenience of upper division students in the eastern section of the Gulf Coast. The center works closely with MGCCC to provide fully articulated programs entailing freshman/sophomore work through the community college and junior/senior/graduate programs through USM. Advisors are available to answer questions of students who are considering enrollment in USM's Gulf Coast program.

Jefferson Davis Campus

This campus is comprised of 120 acres of land located one and three-quarter miles north of U.S. Highway 90, midway between Gulfport and Biloxi. The award-winning architectural design of the building complex features 19 structures laid out to include several landscaped courts. Covered walks along the building not only provide sheltered passage but form a visual tie for the complex and carry utilities throughout the complex, including air-conditioning.

Building A — Maintenance and Classroom Building: Houses office for superintendent of building and grounds, maintenance shop, storage room for receiving of incoming supplies, two classrooms, and two faculty offices.

Building B— Business: Houses six faculty offices, one lecture room, three typewriting labs, and four computer labs.

Building C — Computer Center and Computer Technology: Houses the Computer Center, which services all campuses as well as one Computer Technology Lab and two faculty offices.

Building D — Fine Arts: Actually two buildings, the smaller building contains the Music Department with studio offices, practice rooms, rehearsal hall, work room and storage room. The large building contains a ceramics lab, art drawing lab, drama rehearsal room, large multipurpose room, reception room, six general classrooms, theatre with seating for 475 persons, two complete dressing rooms and drama workshop.

Building E — Math: Houses six offices for instructors, two lecture rooms, one computer lab and a biology lab.

Building F — Science: Houses ten offices for instructors, four large lecture rooms, physics laboratory, inorganic chemistry laboratory, organic chemistry laboratory, general biology laboratory, zoology laboratory, vivarium and greenhouse, and a specialized biology laboratory to accommodate microbiology. Each laboratory adjoins spacious storerooms and preparation rooms.

Building G: Houses 39 offices for faculty, a secretarial pool, workroom, reading classrooms, a learning laboratory, and a large meeting room.

Building H — Academic: The building houses thirteen general classrooms of varying size. Classrooms in this building are used interchangeable for the general education courses.

Building I — Library, Media Center and Student Services: Contains a large reading area furnished with various sized tables and chairs, reading area for periodicals and reference materials, a number of carrels for individual study, and bookshelves. The librarian's and assistant librarians' office plus a large workroom are adjacent. Three special study or listening rooms provide privacy for small groups. Two photocopiers, six microfilm readers, and one microfilm reader/printer are available for use. An information access CD-ROM magazine index allows instant retrieval of article citations from over two hundred magazines and full-text retrieval from fifty titles. An Electronic Telesensory Image Enlarger provides magnification of printed materials for the visually impaired. The Media Services area includes an audiovisual aids production workroom with office areas for the secretary and graphic artist. The director's office, television transmission head-in room, television recording room and storage rooms are contiguous. The student services section contains offices for all counselors, financial aid officer and the Dean of Student Services, and a large student recreation area.

Building J — Student Center and Administration: Contains central kitchen with food preparation facilities for serving the large main dining area, private dining room and student activity area. In addition to the three dining areas, this building houses a bookstore, large commons area for student lounging, general circulation area, and the central administration offices. Administrative offices include offices for the Vice President, Deans of Business Services and Academic Instruction, in addition to a conference room, lounge area and lobby area.

Building K — Service Building: Contains a large equipment room which houses the boilers, cold generating equipment and water-heating equipment providing air conditioning, heating and hot water for the entire campus. This building also contains a central control room for monitoring the operation of the central plant and the operation of air conditioning in all buildings on the campus.

Building L — Health and Physical Education: Contains two classrooms, first aid room, faculty conference room, four offices, storage and supply rooms, four student dressing rooms, an exercise room, restrooms, a gymnasium playing area which could be used for a full basketball court and/or used for two smaller cross courts, and a stage area which doubles as a physical activities area. An Olympic-size heated swimming pool adjoins this building.

Building M — Refrigeration, Air Conditioning, Auto Diesel and Mechanics: Contains four large laboratories, and classrooms, faculty offices, storage and supply rooms, dressing rooms and restrooms.

Building N — Carpentry, Operating Engineering, and Health Occupations: Contains a large laboratory for carpentry and a large health occupations complex. There are planning rooms, eleven instructor offices, storage and supply rooms, and dressing rooms for students.

Building O — Industrial Electricity and Electronic Technology: Contains two large laboratories, one for industrial electricity and the other for electronics. There are planning rooms, instructor offices, storage and supply rooms, and dressing rooms for students for both programs.

Building P — Vocational Administration: This building houses the offices of the director of vocational-technical programs, and the assistant director. In addition, it contains a large conference room, a vocational learning laboratory, technical laboratory for radio technology, and general classrooms, storage facilities and four other offices.

Building Q — Hotel, Motel and Restaurant Technology: Contains banquet rooms, kitchen, classroom and complete motel guest room for instruction. This building also contains five offices, two restrooms, mechanical and electrical equipment rooms and miscellaneous storage rooms.

Building R — Nursing: Houses the associate degree nursing program. The building has four large classrooms, one large skills laboratory, one large storage room, one small skills laboratory, seventeen faculty offices, conference room, workroom, secretaries office, an administrative office and two restrooms.

Building S — Drafting/Academic: Houses eight offices, two drafting labs, six classrooms, a storage area, and two student and two faculty restrooms.

Mississippi Gulf Coast Applied Technology and Development Center

The Mississippi Gulf Coast Applied Technology and Development Center, formerly Harrison County Occupational Training Center, is located in Intraplex 10 of the Bayou Bernard Industrial District. The Center was established as a joint partnership between the Mississippi Gulf Coast Community College, Mississippi Power Company, and Harrison County Development Commission.

The purpose of the Mississippi Gulf Coast Applied Technology and Development Center is to (a) provide industrial, vocational skills, and professional training, (b) serve as the headquarters for employee training for Mississippi Power Company, (c) serve as a model for cooperation between education and business for the State of Mississippi, and (d) assist and support economic development activities of the Mississippi Gulf Coast.

Keesler Center

This Center is located in Room 221 of the Sablich Building on Keesler Air Force Base (AFB). This center was established in 1973 to serve the active military and their dependents, retired military and their dependents, and civilian workers on Keesler AFB. The Center offers a full range of noon-hour, afternoon, and evening academic courses and also provides instruction for the Individual Development and Educational Advancement (IDEA) Program for the military.

West Harrison County Occupational Training Center

The West Harrison County Occupational Training Center is located in the Industrial Park in Long Beach at the corner of Espy Avenue and B Street. The Center offers both secondary and post-secondary vocational programs. High school students from both the Long Beach and Pass Christian schools are bused to the Center for vocational instruction.

The secondary and post-secondary offerings encompass programs of instruction in the following occupations. Business and Computers, Health Occupations, Electricity/Electronics, Cooking/Baking, Precision Metalwork, EMT/Paramedic, Diversified Technology, Drafting, Automotive Body Repair, Automotive Mechanics, and Landscape Construction and Design.

Perkinston Campus

Perkinston Campus is located on U.S. Highway 49 at Perkinston, thirty miles north of the Mississippi Gulf Coast in the heart of the long-leaf pine region of Mississippi. Excellent highways make it readily accessible to all parts of the supporting area. Its proximity to a number of larger towns and cities makes it possible for students to sample a wealth of off-campus, cultural opportunities.

The college owns 642 acres of land at Perkinston, 30 acres of which make up the main campus, with the remainder devoted to pasture and tree farming. The campus buildings are conveniently located, and the grounds are beautifully landscaped.

Alumni House (formerly president's residence) has been renovated by the MGCCC Alumni Association and Foundation for Alumni and Foundation functions.

Andrews Hall is a modern two-story brick dormitory constructed for women students in 1979 and will accommodate 200.

Dees Hall is a split-level, multi-storied building completed in 1968. It houses a modern media Center, Library, campus administrative offices, conference rooms, and seminar room, ten classrooms and two teaching auditoriums.

Darby Hall is a two-story, brick structure built in 1957. The college administrative offices are housed in this building.

Smith Hall is a two-story, brick-veneer building constructed in 1947, which contains central store and printing.

Hayden Hall constructed in 1987, is a two-story structure made up of one main lobby, spacious courtyards, and 100 rooms which will house 200 men. Each room opens into a courtyard area.

Hinton Hall is a fireproof structure built in 1959 and completely remodeled and refurbished in 1983-84. It houses all areas for the teaching of science, including a modern computer technology and Mathematic Department.

Heidelberg Hall constructed in 1959, houses the cafeteria. The main floor of this building houses the cafeteria, and private dining room. The lower floor houses a merchandise and bookstore, lounge, student offices, and student post office.

Megehee Building, originally occupied in the spring of 1962, as Home Economics Facility, now houses the Computer Repair Technology program.

Weeks Hall, constructed in 1974, houses the vocational-technical programs for the Perkinson Campus.

Wentzell Center, constructed in 1957, houses the main gymnasium with a seating capacity of 1800, as well as dressing rooms.

The **Original Gymnasium**, one of the first in South Mississippi, was constructed in 1929, and is now used for dances and other recreational activities and the physical education program.

The **Colmer Vocational-Technical Building**, constructed in 1950; houses the campus maintenance department.

Gregory Chapel was completed in 1947 and provides a place for all types of religious functions. It houses offices of the Wesley Foundation, and the Newman Club.

Harrison Hall, is a two-story dormitory for male students constructed in 1938 and was completely renovated and air conditioned in 1974. This building will accommodate 110.

George Hall is a two-story brick dormitory constructed for male students in 1947. Now used as visitors quarters.

Jackson Hall is a two-story brick building constructed in 1915 which houses the offices of institutional relations.

Stone Hall is a two-story brick dormitory constructed for male students in 1915, and now houses campus security and housing offices.

Huff Hall is a two-story brick dormitory constructed in 1911 which houses the Learning Resources Laboratory on the bottom floor.

Moran Hall is a two-story brick dormitory constructed for female students in 1970. This modern dormitory will house 96 female students.

Owen Hall is a two-story brick dormitory constructed in 1970 for male students. This modern building will house 96 male students.

A.L. May Memorial Stadium, constructed in 1948, has a seating capacity of 5,000 and includes a press box, dressing room and storage area for equipment. The stadium is completely fenced and provides a football playing field and a quarter-mile track.

The Swimming Pool, constructed in 1953, is seventy-five feet in length and provides dressing facilities for women and men.

Faculty Residences include seventeen houses and three duplexes which are located on or adjacent to the campus.

Denson Hall is a modern two-story classroom building located on the quadrangle. It was built in 1971 and houses the business department, and Developmental Studies.

Malone Hall, constructed in 1972, is a fine arts center with the music, art, and drama departments. There is also a modern Little Theatre, which seats 463 persons.

The **Student Activities Building** was constructed in 1982. This building houses a student grill as well as many other student activities.

Married Student Apartments, acquired in 1988. Consists of two units each containing four apartments.

George County Occupational Training Center

Students beginning vocational education at the Mississippi Gulf Coast Community College, George County Occupational Training Center, will have a saleable skill when they leave.

The facility originally constructed in 1972 on the outskirts of Lucedale offers post-secondary courses and secondary programs made available at the request of area high schools.

High school seniors and juniors are bused to and from the center five days a week. They are permitted to take courses and earn credit in business computer applications, intensive business training, carpentry and welding.

Offered on the post-secondary level only are courses in vocational secretarial training (clerk-typist and secretary), practical nursing, auto-body repair, welding and cosmetology.

Built to accommodate as many as 350 students, the 32,000 square-foot center is ideally designed for future expansion.

The six shops and two classrooms constructed with flexibility in mind, are separate from the main building, which houses five classrooms, laboratories, administrative and faculty offices.

PART III: GENERAL ADMISSION REQUIREMENTS

Student awareness of procedures and policies is important to success in college. By enrolling at Mississippi Gulf Coast Community College, students agree to abide by the regulations as established. In addition to the following admission requirements, students who wish to enter certain programs will have to meet additional standards. Students should review the particular area of the Catalog which describes the program of their choice to determine whether they must meet additional requirements.

Under the "Open Door" policy all applicants who have fulfilled admission requirements will be considered for acceptance by the campus admissions committee. Requirements for admission are not restrictive but vary with the curriculum. Admission to the college, therefore, does not necessarily imply immediate admission to the curriculum desired by a student.

Should the campus admissions committee become aware of information that would lead the committee to believe an applicant's admission would not be in the best interest of the student or the college community, admission to the college may be denied.

Denial of admission to the college may result from any of the following:

- a. Conviction of a felony.
- b. Involvement in drugs and/or narcotic traffic.
- c. Military discharge under conditions other than honorable.
- d. Involvement in campus disorders at other institutions.
- e. Disciplinary dismissal from other institutions.
- f. Falsifying any information on records required for admission.
- g. A minor living outside the home of his/her legal parent or guardian without the parent or guardian providing the college with advance written permission.
- h. Any information relative to the applicant's character, conduct and/or institutional relationships that would be inconsistent with the philosophy, objectives, and attitudes of the constituency of the college community.
- i. Any student applying for admission for a subsequent enrollment period will be denied admission for failure to remove financial indebtedness or other unfulfilled obligations to the college resulting from a previous enrollment.
- j. Any other reason or information considered to be of such nature that it would be detrimental to the academic society.

Academic and Technical Programs

Requests for application forms should be addressed to the Director of Admissions of the campus where the student wishes to enroll. The following procedures must be completed before admission to the college is granted.

1. The prospective student should submit an application for admission.
2. The campus Director of Admissions should receive by mail official transcripts showing all high school (or GED) and college work.

3. Students entering Mississippi Gulf Coast Community College for the first time will be required to participate in appropriate testing and orientation.
 - a. First-time college students must provide the college with ACT (Enhanced) assessment scores or take the total ASSET Test Battery. Either is acceptable for meeting admissions requirements and for determining course placement.
 - b. Students desiring to enroll in math and English classes for the first time will provide the college with ACT (Enhanced) scores or they will take the math and English sections of the ASSET Test Battery.
 - c. All first-time Mississippi Gulf Coast Community College students will be required to successfully participate in an activity providing an orientation to the college.
 - d. Those students who test for placement in *all* developmental courses may enroll in a maximum of 12 hours.
4. Any new student, born after 1956, submitting an application and attending classes on any campus or center must submit documentation of immunization against measles and Rubella or proof of exemption.
5. Students are not officially accepted until all admission requirements are met by providing proper documentation. Documentation must be provided before enrollment or by the Friday of the 4th week of attendance. Students failing to do so may be denied continued enrollment.
6. An applicant for admission to the freshman class on any campus must be a graduate of an accredited high school or may be admitted if scores on the General Education Development (GED) Test are acceptable to the college.
7. All students displaying overall weakness in high school grades or low scores on the ACT or unacceptable scores on the college administered placement exams will be encouraged to enroll in developmental studies courses.
8. Under certain conditions, students who have not graduated from an accredited high school may be admitted after having met minimum State requirements for a high school diploma and upon mutual agreement between college and high school officials.
9. A student who has received a Certificate of Attendance or Certificate of Completion, through a high school Individualized Education Program, must pass the GED before enrolling in an academic or technical program.

Vocational Programs

Vocational Program requirements are:

1. The prospective students should submit an application for admission.
2. Students who hold a high school diploma or have completed a GED must provide an official copy of the high school transcript or GED along with the application for admission.
3. A student who has received a Certificate of Completion or Certificate of Attendance, through a high school Individualized Education Program,

must pass an "ability to benefit" test (TABE) before enrolling in a vocational program.

4. An applicant under 18 years of age should be a high school graduate. A student must be 17½ years of age or older to enroll in a JTPA program. An exception may be made when recommended by the secondary school last attended by the applicant and with the applicants parent's or guardian's permission.
5. An applicant may be required to take a vocational aptitude test to determine admission to a specific vocational program.
6. Applicants to vocational health occupations programs must be high school graduates or must have achieved the 12th grade level on the General Education Development (GED) Test. High school transcripts or GED certificates must be provided. Other entrance tests are required, and students are selected by a health occupations admissions committee.
7. Any new student submitting an application and attending classes on any campus or center must submit documentation of immunization against red measles (Rubeola) and German measles or proof of exemption.
8. Students are not officially accepted until the above admission requirements are satisfactorily completed.
9. Most of the vocational programs at the campuses and centers of the College are open-entry and open-exit as far as admissions and completion are concerned. This means that students are accepted at times other than the beginning of semesters for training, a practice highly recommended by the majority of vocational educators nationally.

Transfer Students

Transfer applicants must meet the following requirements in order to be accepted for admission:

1. File an application of admission with the Office of Admission on the campus of choice.
2. Request official copies of transcripts from each institution that has been previously attended. Transcript(s) must come directly from each institution by mail. Student copies are not acceptable.
3. Applicants with less than 12 credit hours of coursework must submit documentation of high school completion, either an official copy of the high school transcript or GED scores as applicable.
4. Applicants who have attended non-accredited institutions may request credit by following the guidelines listed under "Credit by Non-Traditional Means" found elsewhere in this catalog.
5. Attend appropriate orientation session(s) before registration for classes as directed by the individual campus.

Any student on suspension from another institution cannot be admitted by Mississippi Gulf Coast Community College as a regular student (taking 12 or more semester hours of work) until eligible to re-enter the previous school. If the former school has not established policies for readmission, then policies of Mississippi Gulf Coast Community College will apply.

Transfer credit earned from institutions who hold accreditation from one of the six regional accrediting commissions in the United States will be considered for acceptance.

Applicability of transfer work depends on the coincidence of transfer credit meeting requirements of MGCCC's degree programs or program of study. Transfer work will be evaluated based on this factor. Evaluation of transfer work will be completed by Student Services personnel upon request by the student.

SPECIAL ADMISSIONS

MGCCC encourages qualified high school students to apply for admission under the college's dual enrollment program. Through dual enrollment, academically talented students are able to enroll at MGCCC while still attending high school classes.

This program is primarily designed for high school seniors. However, students below the senior level may be considered on an individual basis.

Students must meet the following provisions:

1. Submission of a letter of recommendation from their high school counselors or principals.
2. Submission of an official copy of the student's transcript indicating grades through the last semester of attendance and any applicable standardized test scores.
3. Completion of the American College Test, if applicable.
4. Completion of the college's application for admission process.

The above requirements should be completed well in advance of the intended semester of enrollment. A discussion with a college counselor concerning course selections must be completed before registration takes place. Credit earned through the dual enrollment program will be awarded once a student has completed high school graduation requirements.

Out-of-State/Foreign Students

1. A limited number of out-of-state students who meet the standard admission requirements will be accepted for admission to Mississippi Gulf Coast Community College.
2. Foreign students and non-speakers of English must meet the following admission requirements at least six weeks prior to enrollment.
 - a. Satisfactorily complete English language training at an accredited English Language Institute *or* provide a score of 500 or higher on the Test of English as a Foreign Language.
 - b. Complete the application for admission.
 - c. Provide the completed Certification of Immunization, if applicable.
 - d. Provide high school and/or college transcripts with English translation.
 - e. Participate in an orientation session.
 - f. Have a personal interview with the admissions director and selected instructors for the purpose of determining the student's ability to perform in a chosen field of study.

3. The institution reserves the right to determine the number of foreign students to be admitted. On commuter campuses, foreign students will be required to have a sponsor who is a legal resident of the College District. Foreign students pay the out-of-state tuition fee each semester.
4. Acceptance of foreign credit:
 - a. Credit for foreign college work will be awarded on the basis of an evaluation performed by the National Credentials Evaluation project, a free service of the National Association of Foreign Student Advisors. Only courses in the Mississippi Gulf Coast Community College curricula will be counted.
Foreign students must have their school send an official transcript to the Director of Admissions who will complete a Request for Evaluation form and send it along with the required documentation to the appropriate evaluator. This applies only to students classified as F-1 or M-1 students.
 - b. Current resident students with course work from a foreign institution must obtain a course-by-course evaluation from one of the following:
International Education Research Foundation, Inc.
Credentials Evaluation Service
P.O. Box 24679
Los Angeles, CA 90024
International Consultants, Inc. of Delaware
914 Pickett Lane
Newark, DE 19711
World Education Service, Inc.
P.O. Box 745
Old Chelsea Station
New York, NY 10011
For further information, write to the agency at the appropriate address. The agency will send the necessary forms for completing the evaluation, which will take about four to six weeks.
 - c. Foreign students seeking admission after completing secondary school in their home country must have a credit evaluation prior to enrolling or must satisfactorily pass the GED test.

Senior Citizens

Persons above the age of 65 will be admitted on the first day of classes on a space available basis, to any course offered by the college, not including private or semi-private lessons, without tuition or fees (except book charges). Those 62-64 are admitted under the same conditions if they are retired.

Academic Bankruptcy

Mississippi Gulf Coast Community College is committed to assisting students in the achievement of their educational goals through its open-door admissions policy.

Some students are not academically prepared for college-level work or encounter problems which result in failure to achieve satisfactory grades. These students often make the decision to drop out or "stop out" until they are ready to continue their education. To alleviate the difficulties associated with low grade point averages, many institutions allow students to eliminate the computation of grades on previous work for purposes of graduation. This practice, commonly referred to as academic bankruptcy, is not endorsed by all institutions.

Any student readmitted to MGCCC may declare academic bankruptcy of grades as outlined in the following procedure.

Procedure

- A. The student must complete the Petition for Academic Bankruptcy of Grades, which may be obtained from the campus Dean of Student Services.
- B. The Petition for Academic Bankruptcy must be made before or during the first semester of readmittance following 24 consecutive months of non-enrollment.
- C. The student will be counseled as to the conditions outlined in this statement and on the Petition. The student should be advised that all college credits earned at MGCCC previous to a time designated by the student will be eliminated from the computation of the student's grade point average and may never be used toward graduation at Mississippi Gulf Coast Community College.
- D. The student's transcript will reflect the complete academic record but will contain the notation at the appropriate point that all previous grades have been declared bankrupt.
- E. Academic Bankruptcy of grades can be declared only once.
- F. The completed Petition for Academic Bankruptcy of Grades with appropriate signatures must be submitted to the Director of Admissions for file in the student's permanent record.

PART IV: FINANCIAL INFORMATION

Expenses

Tuition and fees are the same at the three college campuses. At Perkinson (the dormitory campus) dormitory students also pay the costs of room rent and meals.

Expenses will vary according to the legal residence of the parents or guardian of the applying student. For the purpose of determining expenses, students may be placed in one of eight categories and their principal cost summarized under the listing **Summary of Expenses**.

Prospective students should remember that there are a number of nominal miscellaneous fees (listed in the catalog) that may be charged, and also that a book service fee is charged.

Some fees are refundable and others are not. The college refund policy is explained following the list of miscellaneous fees.

NOTE: College buses provide free transportation to commuting "day" students from George and Stone counties attending Perkinson Campus.

Summary of Expenses Full Time Regular Students

Expenses each semester.

	Dormitory Student	Day Student
Matriculation Fee	\$395.00	\$395.00
Registration Fee	5.00	5.00
Book Service (Minimum Fee)	30.00	30.00
TOTAL FEES	\$430.00	\$430.00
ROOMS:		
Owen, Moran, and Harrison Halls	161.00	
Andrews Hall and Hayden Hall	175.00	
*BOARD:		
Five-Day Meal Plan	365.00	
Seven-Day Meal Plan	474.00	
Payments at Registration:		
Day Student \$190.00 (Minimum Fee)		
	5-Day	7-Day
Harrison, Owen, and Moran	\$356.39	\$382.06
Andrews and Hayden	\$363.39	\$389.06
Second Payment (Dorm Students Only) September 18:		
	5-Day	7-Day
Harrison, Owen, and Moran	\$85.88	\$111.52
Andrews and Hayden		

Third Payment (October 12):
Day Student \$190.00

	5-Day	7-Day
Harrison, Owen, and Moran	\$463.73	\$521.42
Andrew and Hayden	\$470.73	\$528.42

*Total semester board fee is due at registration. However, a student may make payments for board according to the dates given in the college calendar.

Vocational students purchase their books and will not be charged the book service fee. Vocational students in an open-entry/open-exit program may arrange with the Dean of Business Services to make payments monthly.

Full-time (regular) out-of-state residents must pay an additional tuition fee of \$450.00 each semester at the time of registration which is non-refundable and non-deferrable. Part-time out-of-state resident students pay a prorata share of this fee which is (\$37.50 per semester hour). (Refer to residency information below.)

Dormitory Students should plan on bringing, or securing soon after arrival, the following items: 1 mattress cover, 2 pillow cases, 2 bedspreads, 4 sheets for single beds, 1 pillow, window curtains, 1 drinking glass, toilet articles, 1 laundry bag, towels, coat hangers and 2 blankets. Students should bring table lamps from home.

Regular Students: Pay a matriculation fee of \$395, except during summer session. The cost of courses during the summer is \$47 per semester hour. Exceptions: Health Occupations students who are required by the curriculum to continue during the summer will pay the regular matriculation fee charged during the spring and fall semesters.

Special Students: Any student in transfer or technical programs taking less than twelve (12) semester hours of work is charged a tuition fee of \$47 per semester hour in lieu of the regular matriculation fee. (See Registration, Book Service and Parking Fees below.)

If a full-time (regular) student reduces his or her work load to less than twelve (12) hours of classes during the first six weeks of a semester, the student becomes subject to this special student tuition.

A dormitory student who becomes a special student must move out of the dormitory and continue his/her studies as a day student unless his/her remaining in the dormitory is recommended by the guidance committee and approved by the Vice President.

Evening College Students: The cost of courses offered in the Evening College Division of the college is \$47 per semester hour. (See Registration, Book Service and Parking Fees below.) This fee applies to military servicemen and/or their dependents.

Keesler Center: Keesler Center students pay \$47.00 per semester hour credit, must purchase their textbooks, and pay a \$5.00 late registration fee when applicable.

Non-credit Continuing Education Courses: All students enrolled in non-credit continuing education courses pay a registration fee of \$5 per course. In addition, tuition and laboratory fees may be assessed for each course based upon the actual instructional cost for the course.

Registration Fee: All students pay a \$5 fee to cover cost of processing registration.

Parking Fee: All fall students pay \$5 parking fee per one motor vehicle for the entire year. Spring and summer students pay \$3 parking fee for the remainder of the year, if new registrants. After paying the initial parking fee for one vehicle, additional vehicles may be registered at \$1.

The Board of Trustees of the college reserves the right to adjust any and all fees as it deems necessary.

RESIDENCY INFORMATION

Section 37-103 Mississippi Code of 1972, Recompiled

The definitions and conditions stated herein are required by state law in the classification of students as residents or non-residents for the assessment of fees. Request for a review of residency classification should be submitted to the campus Dean of Student Services; forms for this purpose are available in Dean's office.

- 1. Legal residence of a minor.** The residence of a person less than twenty-one (21) years of age is that of either parent. If both parents are dead, the residence of the minor is that of the last surviving parent at the time of that parent's death, unless the minor lives with a legal guardian of his/her person, duly appointed by a proper court of Mississippi in which case his/her residence becomes that of the guardian.
- 2. Legal residence of an adult.** The residence of an adult is that place where he/she is domiciled, that is, the place where that person actually physically resides with the intention of remaining there indefinitely or of returning there permanently when temporarily absent.
- 3. Effect of removal of parents from Mississippi.** If the parents of a minor who is enrolled as a student in an institution of higher learning move their legal residence from the State of Mississippi, the minor is immediately classified as a nonresident student.
- 4. Twelve months of residence required.** No student may be admitted to any institution of higher learning as a resident of Mississippi unless his/her residence, as defined hereinabove, has been in the State of Mississippi for a continuous period of at least twelve (12) months immediately preceding his/her admission.
- 5. Residence status of a married person.** A married person may claim the residence status of his or her spouse or may claim independent residence status under the same regulations, set forth above, as any other adult.
- 6. Children of parents who are employed by institutions of higher learning.** Children of parents who are members of the faculty or staff of any institution under the jurisdiction of the Board of Trustees may be classified as residents without regard to the residence requirement of twelve (12) months, for the purpose of attendance at the where their parents are faculty or staff members.
- 7. Military personnel assigned on active duty station in Mississippi.** Members of the Armed Forces on extended active duty and stationed

within the State of Mississippi may be classified as residents, without regard to the residence requirement of twelve (12) months, for the purpose of attendance of state supported institutions of higher learning and junior colleges of the State of Mississippi. Resident status of such military personnel, who are not legal residents of Mississippi, as defined under "Legal residence of an adult," subsection 2 of this act, shall terminate upon their reassignment for duty in the continental United States outside the State of Mississippi.

8. **Children of military personnel.** Resident status of children of members of the Armed Forces on extended active duty shall be that of the military parent for the purpose of attending state supported institutions of higher learning and junior colleges of the State of Mississippi during the time that their military parents are stationed within the State of Mississippi during the time that their military parents are stationed within the State of Mississippi and shall be continued through the time that military parents are stationed in an overseas area with last duty assignment within the State of Mississippi, excepting temporary training assignments enroute from Mississippi. Resident status of minor children shall terminate upon reassignment under Permanent Change of Station Orders of their military parents for duty in the continental United States outside the State of Mississippi, excepting temporary training assignments enroute from Mississippi.
9. **Certification of residency of military personnel.** A military person on active duty station in Mississippi who wishes to avail himself/herself or his/her dependents of the provisions of subsection 7 of this act, must submit a certificate from his/her military organization showing the name of the military member; the name of the dependent if for a dependent; the name of the organization of assignment and its address (may be in the letterhead); that the military member will be on active duty station in Mississippi on the date of registration at the state supported institution of higher learning or junior college of the State of Mississippi; that the military member is not on transfer orders; the signature of the Commanding Officer, the Adjutant, or the Personnel Officer of the unit of assignment with signer's rank and title. A military certificate must be presented to the registrar of the State supported institution of higher learning or junior college of the State of Mississippi each semester or tri-semester at [or within ten (10) days prior to] registration each semester for the provisions of subsection 7 of this act to be effective.
10. **Legal residence of a foreign student.** Students with permanent immigrant status or refugee status can establish residence in the state by meeting the provisions of the Mississippi Statute.
11. **Student must register under proper residence status; penalty.** The responsibility for registering under his/her proper residence status is placed upon the student. In addition to any administrative action which may be taken by the governing authorities of the state-supported institutions of higher learning or junior colleges concerned, any student who willfully presents false evidence as to his/her residence status shall be deemed

guilty of a misdemeanor, and upon conviction thereof may be fined not to exceed one hundred dollars (\$100.00).

12. **Petitions for change of residency.** Petitions for change of residency must be made on or before the last day a student may register at the particular institution without penalty.

(The provisions cited herein have been excerpted from Sections 37-103-1 to 37-103-29.)

Explanation of Fees

Matriculation — entitles a student to the following:

1. To attend MGCCC Athletic events without charge.
2. To attend lyceum programs.
3. To use science laboratories and equipment in scheduled courses.
4. To receive private music lessons and use instruments and practice facilities required in their curriculum.
5. To participate in other student activities supported by these fees.

Board: All dormitory students are required to purchase a meal ticket. Students may choose to follow either a 5-day or a 7-day plan. **5-Day Plan:** Students electing this plan will be served meals from Monday through Friday. Students on the 5-day plan may utilize the cafeteria services on Saturday and Sunday, but must pay on a per meal basis. **7-Day Plan:** Students electing this plan are entitled to meals from Monday through Sunday.

Out-of-State — helps pay instructional, administrative and other operating expenses of the college.

Parking and Registration — helps defray costs of increased security personnel, motor vehicle registration stickers, and I.D. cards.

Book Service — Part time students may pay a book service fee of \$7.50 for each course on book service. Full time students may pay a \$30.00 book service fee, which entitles them to the use of book service texts for a maximum of five courses. Students may pay an additional \$7.50 for each course in excess of five. Workbooks and dated material that cannot be reissued must be purchased separately by students.

Book Service Late Fee — Students who return book service texts late must pay a late fee of \$5.00 per book. If book service texts are returned more than one semester late, or are returned after a new text has been adopted, the \$5.00 late fee will be waived and the student will be required to pay the replacement cost for a new text. Students who do not return books on time, or who owe money to the college bookstore for any reason, will have an administrative HOLD placed on all records.

Miscellaneous Fees

Yearbook — (Optional) This fee of \$10.00 is to cover production cost of yearbook. Fee is nonrefundable.

Medical Malpractice Insurance — All students that enroll in a health occupations program that requires clinical experiences must enroll in a medical mal-

practice insurance plan. A group plan is available through the college. The fee is nonrefundable.

Returned Check — A fee of \$10 will be charged by the college for each check returned due to insufficient funds or stop-payment.

Transcripts of Credit — One official transcript of credits is furnished without charge. A fee of \$2 is charged for each additional transcript.

Graduation Fees — These include costs of caps, gowns, and diplomas, and are payable during the semester before graduation. Cost is dependent upon current prices. Cap and gown fees are refundable if not used. Diploma charges: once diplomas are ordered, are non-refundable.

Testing Fee — Full-time students are required to take the American College Test before they apply for enrollment. If a student fails to take the test on one of the nationally scheduled testing dates, he or she may take the residual test as scheduled by the campus. (Students 21 years of age or older are exempt unless enrolling in health occupations program. Additional testing fees may be assessed for tests required in specialized program.)

Change of Program Fee — This fee of \$5 is charged for adding or exchanging courses or transferring from one section to another, unless requested by the administration, after classes begin. (See college calendar.)

Dormitory Room Key Deposit — This fee of \$5 is refunded when a student gives up the room and turns in the key.

Private Music Lessons — When not required in a curriculum, these may be arranged for a student (if an instructor has time available) at a cost of \$75 per semester for one half-hour per week.

REFUND POLICY

To be eligible for a refund of any fees, a student must officially withdraw and request a refund upon completion of the withdrawal procedure. Calculation of the amount of refund will be based on the date of official withdrawal and the following provision.

Registration Fee	Refundable
Out-of-State Fee	Nonrefundable
Cost of Meals (Perkinston Campus)	Refundable up to unused balance of cost if applied for during the first four months of the semester

Matriculation, tuition, and book service fees are refundable as follows:

Regular Session — 100% of total charges if official withdrawals and request for refund is received prior to start of classes, 50% of total refundable charges (not 50% of partial payment) through the first eight weeks of classes including the week in which classes begin, and no refund thereafter.

Summer Session — 100% if official withdrawal and request for refund is received prior to the start of class. For classes of 10 weeks duration, 50% if official withdrawal occurs during the first two weeks of the session. For classes of five weeks duration, 50% if official withdrawal occurs during the first week of the semester.

Exceptions to the above are as follows:

Veterans or students pursuing vocational programs under Chapters 32, 34, or 35, Title 38, United States Code, all fees are refundable on a pro-rata basis.

Non-credit courses — All fees will be refunded if a class is cancelled. If formal withdrawal occurs before the second class meeting, 100% of tuition will be refunded. No refunds will be made after the second class meeting.

Keesler Center — 100% if official withdrawal occurs prior to the start of classes, and 60% during the first three weeks of classes, including the week in which classes begin. No refund after the third week.

Vocational Student — Students in certain vocational programs are allowed to pay their fees on something other than a semester basis, i.e., quarterly, monthly, etc. When such a student officially withdraws, he/she is entitled to no refund for any pay period to, and including, the pay period during which withdrawal occurs, but is entitled to a 100% refund of fees paid for all succeeding pay periods.

ALL OTHER FEES ARE NONREFUNDABLE

PART V: STUDENT SERVICES AND ACTIVITIES

Student Services

Student Services is an administrative, service oriented unit within MGCCC. Student Services provides many facilitating and developmental activities and programs for students. Six of the most important functions are outlined below:

(1) **Advisement:**

MGCCC conducts a comprehensive advisement system to aid students in selecting an educational major, exploring educational goals, selecting courses and scheduling classes. An important aspect of an effective advisement system is close association between students and the faculty advisor. Periodic scheduled contacts are held during each semester to facilitate the system. Students are advised to check the college calendar for dates and times of scheduled meetings.

(2) **Orientation and Placement Assessment:**

All entering first time freshmen are required to attend a scheduled orientation program prior to the beginning of the semester. Orientation is a process of welcoming students to the college. Explanations of policies, procedures and programs take place at this time. Since entering freshmen may differ in their academic preparation, the college makes every effort to determine the appropriate level of beginning instruction for each student. The college currently uses the American College Test Assessment or ACT's ASSET. After assessment in the areas of English, mathematics and reading, students are placed in courses appropriate with their ability levels and academic background.

(3) **Counseling:**

Counseling and guidance services are provided to students through the Student Services Department. Emphasis is placed on providing information concerning educational and vocational opportunities, personal and social development orientation to college life and decision making skills.

(4) **Career Centers:**

Campus career centers provide students and community residents with comprehensive career/life planning services. Services include individual and group counseling, testing, career exploration, career laboratory use and career development courses.

(5) **Veterans Educational Services:**

Each campus Veterans Affairs Office assists former service personnel and dependents who are eligible for benefits. All students receiving V.A. educational benefits are required to report changes in course load, withdrawal and absences, or interruption in attendance to the office of Veterans Affairs to minimize personal liability resulting from over payments of V.A. benefits.

(6) **Financial Aid:**

A number of financial assistance options are available for students from federal, state and local sources. They include:

LOAN PROGRAMS

Federal Stafford Loans: Variable interest loans available only through particular lending institutions. Eligible students enrolled on at least half-time basis may borrow up to \$3,500 per year. Repayment begins six months after termination of studies. You must apply for federal student aid prior to certification of loan application.

Federal Plus Loans: Non-need based loan program in which a parent can borrow up to the cost of education for each undergraduate student per year. Repayment of principal and interest begins within 60 days of disbursement of the loan. Contact Financial Aid Office for information.

GRANT PROGRAMS:

Federal Pell Grant: Federal entitlement awards available to students pursuing a first undergraduate degree or certificate who demonstrate exceptional financial need. Applications are available from high school counselors or college Financial Aid Offices.

State Student Incentive Grant: An undergraduate gift aid award program designed for Mississippi residents demonstrating substantial financial need. Federal and State funding is utilized. The Student Aid Report from the Application for Federal Student Aid is used by the financial aid administrators to determine eligibility for this grant.

Federal Supplemental Educational Opportunity Grant: A gift aid award program available to a limited number of undergraduates demonstrating substantial need. The Student Aid Report from the Application for Federal Student Aid is used by the financial aid administrator to determine eligibility for this grant.

EMPLOYMENT PROGRAMS

Federal College Work-Study Program: Part-time on-campus employment available to eligible students. Contact the Financial Aid Office for application. Students must complete the Application for Federal Student Aid and College Financial Aid Application.

Cooperative Education: A special program which provides students with the opportunity to apply their educational learning experience with the practical world of work. Students alternate periods of college with periods of work in business, industry, social services and private agencies. These periods of work are an integral part of the student's education and are arranged with employers by MGCCC.

Two approaches are available for cooperative education. The alternating plan provides for a semester of full-time (12 hours or more) study followed by a semester of full-time employment (40 hour work week) until completion of school. The parallel plan enables the student to attend classes for a part of the day and work for a part of the day.

For more information, contact the coordinator of cooperative education at the Jackson County, Jefferson Davis or Perkinston Campus.

SCHOLARSHIP PROGRAMS

Academic Scholarships: Full-tuition scholarships awarded to full-time entering freshmen students with a composite score of 28* on the ACT, who have a high school average of 90 or above (through the first semester of their senior

year), and who are legal residents of Mississippi and who are entering fall semester.

One-half tuition scholarships will be given to those with an ACT composite of 25-27* and meet the criteria indicated above.

Vocational-Technical Scholarships: Full-tuition scholarships awarded to full-time entering freshmen vocational-technical students who have a high school diploma and have completed a two year vocational-technical training program with an overall high school average of B or above at a high school that has an Articulated Training Agreement with MGCCC.

Foundation and Alumni Scholarships: Scholarships available to recent high school graduates and adult students planning to attend as well as returning students who have academic ability and financial need. Applications are available in high school guidance offices and campus financial aid offices.

Performance Scholarships: Athletic and music grants-in-aid awarded on students' individual abilities. Students should contact the appropriate departments regarding tryouts.

*Enhanced Scores

How to Apply for Financial Aid

1. Submit an application for admission to the college.
2. File an application for Federal student aid. These applications may be obtained from the high school counselor or from the Financial Aid Office at the college. When a student receives the Student Aid Report (SAR) from this application, it should be submitted to the campus Financial Aid Office as soon as possible.
3. Complete the college application for financial aid and return it to the Financial Aid Office at the college by June 1 for priority consideration for college work-study, SEOG and SSIG.
4. College transfer students must submit a financial aid transcript from all colleges previously attended before receiving any payments or deferments.
5. Foundation and Alumni Scholarship applicants must submit the scholarship application and transcript of high school or college grades to the Financial Aid Office on or before June 1st for priority consideration.
6. Applications received after deadlines will be considered only if funds are available.
7. Upon receipt of the Student Aid Report from the federal processor, obtain any documentation required by the Federal government (e.g. income tax return).
8. Meet the requirements of the MGCCC Satisfactory Academic Progress Policy.
9. Sign an Award Letter, Statement of Educational Purpose, Anti-Drug Abuse Act Certification (Pell Grant only), Draft Registration Compliance Statement and a Certification Statement on Refunds and Defaults.
10. A new application for financial aid must be processed each year that financial aid is needed.

Students interested in additional information should schedule an appointment with the Financial Aid Director on the campus of their choice.

Satisfactory Academic Programs

To be eligible to receive Title IV federal student aid, a student must progress satisfactorily toward completion of his educational objective. Failure to achieve satisfactory progress will result in the termination of all financial aid. Copies of the MGCCC satisfactory academic progress policy are available in the financial aid offices.

Conduct and Discipline

Mississippi Gulf Coast Community College expects its students to act responsibly and conduct themselves with dignity as adults. Student attitude is a powerful force in self-government and the more students can govern themselves the less will be the need for faculty or administrative intervention.

The Code of Student Conduct

A. General Policies

1. The college is dedicated not only to learning and the advancement of knowledge, but also to the development of responsible persons. It seeks to achieve these goals through a sound educational program and policies governing student conduct that encourage independence and maturity.
2. The college distinguishes its responsibility for student conduct from the control functions of the wider community. When a student has been apprehended for the violation of a law of the community, the state, or the nation, the college will not request special consideration for the student because of his/her status as a student. The college will cooperate fully, however, with law enforcement and other agencies in any program for rehabilitation of the student.
3. The college will apply sanctions or take other appropriate action only when student conduct directly and significantly interferes with the college's (a) primary educational responsibility of ensuring the opportunity of all members of the college community to attain their educational objectives, or (b) subsidiary responsibility of protecting property, keeping records, providing living accommodations and other such services, and sponsoring non-classroom activities such as lectures, concerts, athletic events, and social functions.
4. Procedural fairness is essential to the proper enforcement of all college rules. In particular, no disciplinary problem, or entry of an adverse notation on any permanent record available to persons outside the college shall be imposed unless the student has been notified in writing of the charges against him/her and has had an opportunity (a) to appear alone or with any other person to advise and assist him/her before an appropriate committee or official, (b) to know the nature and source of the evidence against him/her and to present evidence in his/her own behalf, (c) to the extent possible, to be afforded the right of confrontation and cross examination, and (d) to have his/her case reviewed upon appeal.

B. Student Conduct Regulation

1. All students enrolled in Mississippi Gulf Coast Community College are expected to conform to the ordinary rules of society; to be truthful; to respect the rights of others, and have regard for the preservation of state and college property as well as the private property of others.
2. Some acts of misconduct which are unacceptable and subject the student to disciplinary action are listed below. Those proven guilty of violating these regulations may receive a maximum penalty of dismissal from the college. These offenses are:
 - a. Possession, on campus or at a college-sponsored activity, or marijuana, alcohol, or any other drug, narcotic or controlled substance and paraphernalia.
 - b. Cheating on any test, examination or academic assignment of any kind.
 - c. Fighting, except in lawful defense of one's self or another.
 - d. Making false statements or representations about any matter with respect to which the college has the right to inquire.
 - e. Engaging in a riot or other activity which results in the disruption of the educational mission of the college, or hinders the free exercise by others of their lawful rights or discharge of their duties on and about the campus or in connection with an off-campus college-related activity.
 - f. Violations of municipal, state or federal law, or of promulgated rules and regulations of the college or its Board of Trustees upon any campus of the college or off the campus but in connection with any college-related activity, regardless of any decision or action by other public authority as to prosecution for such offense.
 - g. Possession, on campus or while present at or near any college-related activity of any firearm, including devices for firing blank cartridges or charges, or of any incendiary device or of stink bombs, tear gas or other dangerous chemicals.
 - h. Refusal to appear and testify as a witness before the discipline committee.
 - i. Any conduct of such a nature as to be likely to interfere with the educational mission of the college, or interfere with the rights or duties of others, damage or endanger public or private property and in which the student persists after being requested to desist by a college official or member of the faculty.

Major offenses, for which suspension or expulsion is appropriate, are those offenses which interfere with the mission of the college or interfere with others in the free exercise of their rights and duties or which involve a danger or threat of danger to individuals or property; those offenses involving cheating or false statements or representations about official matters. The *persistent* violation of less serious laws, rules, or regulations shall be considered a major offense. When a student has twice been officially punished, by reprimand or otherwise, which punishment is duly recorded by the Dean of Student Services, he/she shall, upon a third violation, be deemed a persistent violator and liable to suspension or expulsion.

All rules shall be in writing and shall be published, distributed or posted in such manner as to furnish adequate notice of their contents, but the College is not required to publish statutes or ordinances.

Right of Appeal

A student has the right to appeal for a hearing concerning disciplinary action taken against him or her by the judicial committee. This appeal should be in the following order (a) Judicial Committee, (b) Vice-President, (c) College President and (d) Board of Trustees.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

The Family Educational Rights and Privacy Act and its subsequent revisions deal with educational records of students. The purpose of the law is to define who may or may not have access to student records. The law allows students and parents of dependent students access to the individual student's educational records.

MGCCC will release directory information on students to any interested member of the public unless the student requests on the Application of Admission that it be withheld. Directory information is defined as follows: (1) the student's name; (2) address; (3) telephone number; (4) date and place of birth; (5) major; (6) participation in officially recognized activities and sports; (7) weight and height of athletic team members; (8) dates of attendance; (9) degrees and awards received; (10) previous educational institutions attended and (11) other similar information.

Except as provided by law, data released to sources outside the college will be in aggregate form and no personally identifiable information will be made available. End of semester grades will be mailed to the student's permanent address as listed on the Application of Admission.

Further information concerning provisions of the Act may be obtained from the campus Dean of Student Services or the Administrative Dean of College Centers.

VETERANS ADMINISTRATION INFORMATION

Admission requirements must be met before the student is certified to the Veterans Administration. Admissions documents will become part of the permanent record of the applicant granted admission.

Maintenance of Records

Permanent records pertaining to the enrollment of VA benefits recipients will be maintained in an identifiable fashion. The folders will be color coded and easily recognizable in order that they might be expeditiously extracted for examination by authorized persons.

The permanent records are under the administrative supervision of the campus Director of Admissions and maintained by the Records Clerk for each

campus and its centers. All financial records are maintained by the Dean of Business Services.

Certification of eligible students is the responsibility of the Dean of Student Services or the Dean's Secretary at the Jackson County Campus. At the Jefferson Davis Campus and its centers, certification is the responsibility of the Veterans' Counselor. Certification of students attending the Perkinson Campus or its center is the responsibility of the Records Clerk.

Previous Education and Training Period

Each permanent record will show previous education and training. Enrollment certificates submitted to the Veterans Administration will reflect proper credit for previous education and training. An evaluation will be made by proper officials of the college of a student's previous educational experiences.

A prospective student should make known to college admissions personnel that his or her past record includes creditable courses. Certifying officials should be alert to the possibility that an eligible student might already have taken exactly the same work for which he or she is seeking admission and certification to the Veterans Administration; therefore, a dual responsibility exists on the part of the student to present documentary evidence of acceptable educational experiences and on the part of the educational institution to insure that training that in precisely the same subject matter is not repeated and counted toward an eligible person's credit load.

Standards of Progress for Students Receiving VA Benefits

Permanent semester grades will be awarded for all academic, technical and vocational courses. A student must maintain an acceptable cumulative GPA to be in good standing. If the cumulative average falls below the acceptable level, the student will be placed on "first probation." During the probation semester, the student must improve his cumulative GPA or benefits will be suspended at the end of that semester. However, if the cumulative GPA improves but an acceptable level is still not achieved, a "second probation" semester will be allowed. Should the standards of progress not be achieved at the end of the second probation semester, benefits will be suspended.

ACCEPTABLE STANDARDS OF PROGRESS

Semester	Cumulative GPA
1	1.0
2	1.5
3	1.75
4	2.0

Students must maintain at least 2.0 cumulative GPA after the fourth semester or he/she will be placed on first probation and follow the order of procedure as outlined above.

Once a student has been reinstated through counseling and/or change of program following suspension, the student will be readmitted on "first probation," subject to VA approval.

The Progress Report utilized by the Mississippi Gulf Coast Community College is known as a Permanent Transcript Record. It contains the following information: full name of student; home address; Social Security number; date of birth; major field of study; ACT scores (if applicable); and campus. The bulk of the record is blank for computer information containing numbers, names, grades, semester hours credit, quality points and quality point averages of courses taken.

Attendance Records

It is important to the student, the college and the Veterans Administration that eligible persons adhere closely to attendance policies contained in official college publications. If the student exceeds the number of allowed absences, notification will be made by the instructor or instructors involved on a drop card and proper notice will be given to the Veterans Administration that the student is carrying a reduced load. However, the student has an equal responsibility to make the certifying official aware of changes in courses or course load immediately after or prior to the change. The last day of pursuit will be determined by any of the following methods: (a) attendance records; (b) last activity date reflected in the instructor's record; (c) last papers submitted; (d) last examination completed; (e) a student's reasonable statement of last date of attendance.

Reports to the Veterans Administration

Any change in the status from the last certification will be reported promptly to the Veterans Administration. Reports of unsatisfactory progress, drops, withdrawals and unscheduled interruptions will be made within the month of occurrence or immediately thereafter.

ACTIVITIES AND OTHER SERVICES

Each campus offers its student body extracurricular activities designed to supplement and enrich academic pursuits. Campus organizations and activities are advised by members of the faculty or administrative staff appointed by the vice presidents and president.

Students are encouraged to participate in activities that will develop their own potentialities and help them become well-rounded individuals.

Athletics

Mississippi Gulf Coast Community College is fortunate in having a highly successful athletic program which was already in existence on the Perkinston Campus when the two new campuses were created. The Bulldogs, as the college athletic teams are known, compete in the Mississippi Community College Athletic Conference in football, basketball, baseball, track, softball, golf and tennis and have won many honors in recent years.

Intramural athletic contests are held on each campus. These events provide exercise and fun while building teamwork and character.

Beauty Pageant

An annual beauty pageant may be conducted on each campus to select female students to represent the campus in the annual edition of the college yearbooks. Contestants are judged on the basis of beauty, poise and talent.

Foundation

The Mississippi Gulf Coast Community College Foundation, Inc., was established and chartered in 1974 to administer an endowment fund for the extension of educational service within the college district. It is governed by a twelve member Board of Directors who serve voluntarily. Officers elected from the Board are President, Vice President and Secretary-Treasurer. The President of the college, being an ex officio member of the Board, serves as Executive Secretary of the Board.

Membership may be obtained through a minimum investment of \$250, payable over a five-year-period. For more information, write to MGCCC Foundation, Inc., Post Office Box 99, Perkinston, MS 39573.

Hall of Fame

Each year a number of students equal to one percent of the full-time enrollment on each campus is selected by the faculty for recognition in the Yearbook Hall of Fame. These students must have a 2.0 or higher average and possess qualities of leadership, citizenship and personality.

Music

Perkinston Campus has a marching band, stage band and parade unit. Students at Jefferson Davis and Jackson County campuses may participate in the marching band. All three campuses have choral groups and smaller vocal ensembles.

The Mississippi Gulf Coast Community College Alumni Association

Purpose: This organization serves as a link between the college and its alumni, faculty and friends. It proposes to relate the college program to the community and to make the college aware of the needs of the people in the four-county area served by Mississippi Gulf Coast Community College.

Membership and Organization: Former students, faculty, staff and friends are eligible for membership in the Association. Annual dues are \$4.00 per person or \$6.00 per couple. Five year dues are \$12.00 per person and \$18.00 per couple. Life membership is \$40.00 single or couple and \$60.00 if both are graduates. There are organized chapters in each of the four counties which meet in September. District meetings are held at Homecoming in the fall and in the spring.

Special Projects: The Hall of Fame Award was established in 1970 to honor former students who have brought fame and honor to the college through their achievements. A faculty member is chosen from each campus as Instructor of the Year and is honored at the spring alumni meeting. Monies are solicited to assist students through the Alumni Scholarship and Loan Fund program.

Student Participation: A student representative serves in an advisory capacity on the Board of Directors of the Association. Student organizations and individuals are encouraged to make nominations for the Instructor of the Year. The Association sponsors luncheons for graduating sophomores on the three campuses and presents each graduate with a complimentary one-year membership.

Organizations and Clubs

The following organizations exist on each campus:

Phi Theta Kappa. A national junior college honorary fraternity stressing scholarship and leadership.

Phi Beta Lambda. A national fraternity for business students with chapters on each campus.

Student Association of Education. SAE is an organization for students planning to enter the field of education. Students are introduced to the nature and functions of the state (MAE) and national (NAE) organizations.

The following organizations and clubs are active on one or more campuses:

Ad Club (Perkinston Campus) is a college chapter of the national organization known as the AAF (American Advertising Federation). To be eligible for membership, an individual must currently be registered in at least one class such as Marketing, Advertising, or Advertising Design.

Circle K Club. A civic and service organization for male students, jointly sponsored by the college and community Kiwanis clubs.

Student Nurses Association. This association aids in the preparation of student nurses for the assumption of professional responsibilities. It serves as a channel of communication between the student nurses and the graduate professional nurses organizations.

Dramatics Clubs. The purposes of this club are to give an insight into the makeup and origin of the stage and to cultivate an appreciation of drama as a whole.

VICA (Vocational and Industrial Clubs of America). These clubs are active at most campuses and centers of the college.

DECA (Distributive Education Clubs of America). The purpose of this club is to develop leadership in the field of marketing and distribution.

Delta Club (for science and mathematics students). Promotes interest in such technical fields as engineering.

Collegiate Civitan (Perkinston campus only). An organization which promotes campus, state, national and community service as well as good citizenship.

The following are active on only one campus. **Collegiate Civitan, Music Club, Home Economics, Delta Psi Omega, Perk Players, The Horticulture Club, The Art Guild, JC Singers, New Images, PE Club** and the **Minority Leadership Society.**

There are also on each campus student religious organizations such as **Baptist Student Union**, **Newman Club** (Catholic), **Canterbury Club** (Episcopalian), **Westminster Fellowship** (Presbyterian), **Wesley Foundation** (Methodist). The purpose of these organizations is to enrich the spiritual life of the student, afford an opportunity for discussion and to be a channel of service to others.

Program Services

The services offered through the Program Services Office are designed to provide special assistance to men and women who are experiencing difficulty in obtaining employment because they have limited marketable skills.

Services are available to any who are in need of assistance but are specifically tailored to meet the needs of persons in the following categories:

- A. Single Parent/Homemaker — marriage dissolved
 - 1) divorced
 - 2) widow or widower
 - 3) separated
- B. Single heads of household
- C. Part-time workers seeking full-time jobs
- D. Persons who wish to enter a non-traditional work field

The persons most often assisted by the program are Single Parent/Homemakers. There are people who have worked in the home for a number of years and have become "displaced" from this family role through widowhood, divorce, separation, disability of spouse or other loss of income. They may be any age, but are generally in their middle years. They are frequently left without financial security and unable to gain employment because of age, sex, lack of vocational training or any recent paid work experience.

The Program Services Office attempts to meet the many needs of these individuals who are "caught in the middle" by providing referral services, counseling, career planning, assistance in locating support services, job placement and an array of workshops, seminars and other programs.

Program Services provides an innovative approach to college for the older adult who wishes to enter college but is reluctant to do so because of a fear of feeling out of place or having to compete with younger students.

Publications

Student Newspapers. The students at Perkinston Campus publish *The Bulldog Barks* on a bimonthly basis. Jackson County Campus publishes a biweekly newspaper, *Coastliner*. *The Mississippi Sound* on the Jefferson Davis Campus is published by students once each semester.

Literary Magazine. *Footprints* is published each spring on the Perkinston Campus and is a collection of original poems, essays and writings of the students.

College Yearbooks. Each campus has its own yearbook with a section in each on central administration. Material is compiled and edited by students under a faculty advisor.

Servicemen's Opportunity College

As a result of meeting criteria developed by the Department of Defense and the American Association of Community and Junior Colleges, the Mississippi Gulf Coast Community College is recognized as a Servicemen's Opportunity College and pledges itself to a continuous institutional effort toward helping active duty servicemen in obtaining their educational goals and to seek new approaches which will better meet the educational needs of servicemen.

Further information about this program may be obtained from admissions offices on each of the campuses.

Student Centers

There are popular locations on each campus where students gather in their free moments for socializing and relaxation. Here they may listen to music on the juke box, watch television and have snacks.

The dormitory campus at Perkinston has other recreational facilities including a modern student center where pool, snooker, table tennis, card games and a large TV are available. Also on all campuses are tennis courts and swimming pools.

Student Councils

Students have the opportunity to take an active part in the student council on each campus.

Made up of elected representatives from each class of the college, these democratic bodies, through executive and advisory functions, are the voice of the students in helping to determine the success of the college.

Faculty members on each campus serve on an advisory committee to these councils. The student council plans wholesome recreational and social activities for the students, encourages student discussion of campus concerns, presents helpful recommendations to the faculty and administration and generally acts in an advisory capacity to the students.

The student council on each campus also exercises general supervision over other campus organizations and must approve the formation of any new group on campus.

The College Student Council Association

Purpose: The College Student Council Association represents, by the democratic process, the student bodies of Mississippi Gulf Coast Community College with its three campuses. In addition, the college student council coordinates the college student activities; adds unity to the student body of the three campuses; and serves as a mainspring for student activities which will add to the wholesome and total development of each participant and the college organization.

Membership: The membership of the College Student Council Association is composed of six representatives of each campus. Each member is guaranteed all rights of membership and shall be subject to all procedures in accordance with the constitution. (The six representatives will be the four executive officers, the

freshman class president and the sophomore class president.) The campus council president has the power to appoint representatives, if one of these officers cannot attend meetings.

Student Support Services

The purpose of the Student Support Services is to assist disadvantaged students attending Mississippi Gulf Coast Community College to complete their educational goals. Students qualify for program services if they are low income, and/or first generation in their family to seek a four-year college degree, and/or are physically handicapped. Services provided by the program are academic skills workshops, career testing and advisement, personal counseling, financial aid form completion assistance, newsletter, handicap services and referral to community agencies.

The goal of the program is to increase retention and graduation rates of 275 selected at-risk students on the Jackson County Campus. The Student Support Services is funded through the Department of Education. Further information may be obtained at the Student Support Services office on the Jackson County Campus.

Who's Who

A number of sophomores not to exceed two percent of the full-time enrollment on each campus will be chosen from nominees for the Hall of Fame for inclusion in *Who's Who Among Students in American Junior Colleges*.

PART IV: INSTRUCTIONAL PROGRAM

General Information

ABSENTEE POLICY

Academic and Technical Program

Students are allowed one absence per semester hour that the course carries. Labs are counted as two-for-one. An instructor may drop a student after the student misses more than the number of absences per semester hour that the course carries. "Official absences" are not counted and are excused. An official absence is any absence for an official college function or as a member of an official college group, such as athletic teams, band, choir, drama groups, field trips, or conventions, etc. The instructor will be notified of such absences by the college. In extenuating circumstances, students who are dropped after exceeding allowable absences may petition for reinstatement to the Dean of Academic and General Instruction or the Dean of Vocational Instruction who advises the student of the proper procedure.

Vocational Programs

Allowable absences will be prorated on the basis of one and one-half hours per week.

Three tardies of less than 15 minutes are equivalent to one hour's absence. A tardy of 15 minutes or more will be counted as one hour's absence. Six hours of accumulated absences will equal one day.

Veterans, while complying with this absentee policy, must recognize that the Veterans Administration allows only 22½ days out of class in a nine-month vocational program or 30 days in a 12-month vocational program including time between semesters but excluding legal holidays.

Further, if a vocational student is absent for a period of **four consecutive days** without notifying the Dean of Vocational Instruction as to the reason for the absence and obtaining permission for an extension, the student will be dropped from the program. It should be emphasized that only in the event of proven illness or extreme emergency should permission be granted for a student to miss more than the allotted time for that enrollment period.

Students who exceed the allotted absences for their current enrollment period will be dropped from class. The student may request to appear before the Appeals Committee to give reasons and documentation as to why he/she was absent. If the Appeals Committee agrees with his/her reasons and documentation, the student will be **reinstated with no additional absences or tardies allowed.** No student will be allowed to appear before the Appeals Committee more than three times during a 12-month period.

The composition of the Appeals Committee will be a minimum of one vocational administrator, one instructor and one student.

A student dropped from a vocational program for failure to attend classes may not be readmitted until the first enrollment date after a 30-day waiting period.

Practical Nursing students will be allowed a maximum of eight (8) days absence during the length of the program. Only three (3) days may be missed during any one semester. Absences in excess of those permitted may be considered by the Appeals Committee.

For absentee policies pertaining to Cosmetology and Vocational Health Occupations programs, see the *Cosmetology and Health Occupations Handbook*.

Academic Load

A normal class load is 16 semester hours. A student may not take more than 19 hours without permission from the campus vice president, except where the student's curriculum indicates otherwise.

Academic Awards

Awards for high academic achievement may be given each year at the discretion of the faculty. These are usually awarded to a full time sophomore who has the highest academic achievement in the area the student has designated as his or her major.

Auditing a Course

Students registering for audit purposes will be charged regular tuition fees.

When official grades are not desired, audit privileges are available to students for the purpose of review and/or special interest. In order to register for an audit, students first go through the normal registration process and, as part of the process, complete an "Audit Permit" form available from the office of the Dean of Student Services. This form is to be completed at the time of registration.

Attendance records are not maintained for students who, at the time of registration, complete an "Audit Permit."

The following apply to students who register for audit at the beginning of a semester:

1. A grade of "AU" will be recorded at the end of the semester for students who have filed a properly completed Auditing Permit.
2. A student may choose whether or not he/she takes tests and completes other assignments in the class(es) and must, at the beginning of the term of audit, inform the instructor of his/her choice.
3. When in attendance for any class session, the student must be on time for the class and remain for the entire class period.
4. An instructor is under no obligation to explain subjects which were discussed at a time when the auditing student is not in attendance.
5. Auditing students will adhere to policies (*Catalog and Student Handbook*) regarding conduct and discipline.

Students may change their status from regular credit to audit, with the approval of the instructor(s) in the course(s) to be audited and of the Dean of Student Services. The deadline for changing to Audit status is the same as the deadline for withdrawing with a grade of "W".

The following apply to students who change their status to audit during the first 10 weeks of a semester:

1. The student will take all regularly assigned tests and complete other assignments for the class(es), unless specifically excused from these by the instructor(s).
2. The student will adhere to the same attendance policies as for a regular class, with any exceptions being made by the instructor.
3. Students will officially withdraw from audit classes, following the same regulations as for regular classes.
4. Students who are dropped from class for excessive absences, after changing to Audit status, after the end of the 10th week, will receive grades of "F" as would be the case with regular classes.

Cooperative Education Program

Cooperative Education is an educational process designed to integrate classroom study with planned and supervised on-the-job experience outside of the formal classroom environment. The student alternates periods of college with work periods, working in business, industry, social services and private agencies. These work periods are an integral part of the student's education and are arranged with the employers by Mississippi Gulf Coast Community College. Mississippi Gulf Coast Community College exercises supervision and control over the student's activities at the establishment to insure a comprehensive training experience.

Two approaches are available for Cooperative Education: the alternating plan and the parallel plan. The alternating plan provides for a semester of full-time (12 hours or more) study followed by a semester of full-time employment (40 hours per week) until completion of school. The parallel plan enables the student to attend classes for a part of the day and work for a part of the day. Under the parallel plan, students must work a minimum of 15 hours a week.

Students must complete a minimum of one semester, maintaining a grade point average of 2.0, or better to qualify for this program. The course credit earned for the Cooperative Education work experience can be used toward graduation from Mississippi Gulf Coast Community College.

The program is coordinated through the Office of Cooperative Education.

Credit by Non-Traditional Means

- I. The total of credit by non-traditional means may not exceed 32 semester hours.
- II. Credit for College Level Examination Program (CLEP) —

The College-Level Examination Program (CLEP) enables colleges to evaluate achievement and award credit. A wide range of college-level examinations is offered by CLEP to anyone who wishes to participate. Scores on the tests are reported to the student and the appropriate college, employer, or individual:

 - A. Up to 30 hours of credit for the CLEP General Examinations will be awarded if a minimum score of the 50th percentile (except ENG 1113 and 1123, English Composition, where the 86th percentile is required if

CLEP was taken on forms used from 1978 to 1986) is attained on each area tested.

- B. All courses listed in the *Mississippi Gulf Coast Community College Catalog* are eligible for credit if CLEP has an established examination in that subject.
- C. To receive credit through CLEP a person must enroll in MGCCC to take additional semester hours credit courses.
- D. The appropriate course numbers and semester hour credit awarded through the use of CLEP will be placed on the students transcript under the heading "credit awarded by CLEP". No grade will be assigned.
- E. Students must consult university of their choice for specific transferability of CLEP credit.
- F. Credit for the CLEP General Examination will be awarded as follows:

Test Area	MGCCC Equivalent	Sem. Hrs.
English Composition.....	ENG 1113 and 1123	6
Social Sciences-History		
Social Science.....	PSC 1113, GEO 1123 or SOC 2113.....	3
History	HIS 2213 or HIS 1163.....	3
Natural Science		
Biological.....	BIO 1134.....	4
Physical Science.....	PHY 2244.....	4
Mathematics	MAT 1723, 1313, or 1333	6
(any two)		
Humanities		
Fine Arts	ART 1113, 1233, or MUS 1113 or SPT 2233	3
Literature	ENG 2323 or 2213.....	3

- G. Credit for the CLEP Subject Examinations will be awarded in the following courses: (Students in health programs should consult department chairperson about acceptable credit.)

Subject Test	MGCCC Equivalent	Sem. Hrs.
Business:		
Computers and Data		
Processing	CTY 1013	3
Elementary Computer		
Programming	CTY 1214	4
Introduction to Bus.		
Management.....	BAT 2513	3
Introductory Accounting	ACC 1213 & 1223	6
Legal Environment of Business.....	BAD 2413	3
Introductory Marketing	MMT 1113D	3
Education:		
Human Growth and Development		
.....	EPY 2513.....	3
Humanities:		
American Literature.....	ENG 2213	3
College Composition	ENG 1113 & 1123	6
English Literature.....	ENG 2323 & 2333	6

Modern Languages:		
College French		
Levels 1 & 2	MFL 1113, 1123, 2113 & 2123	12
College Spanish		
Levels 1 & 2	MFL 1213, 1223 2213 & 2223	12
Mathematics:		
Calculus with Elementary		
Functions	MAT 1613 & 1623	6
College Algebra	MAT 1313	3
Statistics	BAD 2323	3
Trigonometry	MAT 1323	3
Medical Technology:		
Microbiology	BIO 2924	4
Sciences:		
Biology	BIO 1134 & 1144	8
General Chemistry	CHE 1214	4
Social Sciences:		
American Government	PSC 1133	3
American History	HIS 2213 & 2223	6
General Psychology	PSY 1513	3
Introductory		
Macroeconomics	ECO 2113	3
Introductory		
Microeconomics	ECO 2123	3
Introductory		
Sociology	SOC 2113	3
World Civilization	HIS 1163 & 1173	6

III. Advanced Placement

Students entering Mississippi Gulf Coast Community College will be allowed credit on the Advanced Placement Examination administered by the College Entrance Examination Board and sponsored by participating high schools.

For an Advanced Placement score of 4 or 5, a maximum of 6 or 8 semester hours will be awarded if offered by the college in the subject area. For scores of 3, 3 or 4 semester hours will be awarded if offered in the subject areas.

IV. Credit by Departmental Examination

A. Credit may be obtained in courses on the basis of departmental examination only for courses other than those for which the CLEP credit is available. Exceptions must be approved by the Department, Dean of Instruction and the Vice President.

B. Permission to take a departmental challenge examination must have the approval of all members of the department who teach the course and the appropriate Dean of Instruction. Students covered under the college adopted vocational articulation agreement with high schools will not be charged a tuition fee. Cost for these examinations will be at the rate of \$25 per semester hour. No other tuition will be charged for the course.

For courses with labs, a performance test may also be required at the discretion of the department concerned.

V. Defense Activity for Non-Traditional Educational Support

Courses on the college level taken through DANTEs are acceptable for credit as awarded provided the minimum score of the 50th percentile is attained. Courses which are not specifically applicable to a particular program may be counted as elective credit.

VI. Credit for Military Service Experience

A. Upon presentation of Form DD-214 or Form DD-295 to the Records Office, a student with six months but less than one year of active military duty will receive 2 semester hours of credit in Physical Education; a student with one year or more of active military duty will receive 3 semester hours credit for HPR 1213, Personal Health, and 4 semester hours of credit in Physical Education. Those with less than six months of active military service will receive no credit.

B. Credit for service schools will be awarded in accord with the recommendations of the American Council on Education in the *Guide to the Evaluation of Educational Experiences in the Armed Forces*. This credit will be awarded as recommended for the lower-division category, or the vocational certificate category as determined by the evaluating officer.

VII. Credit in certain law enforcement courses may be allowed for completion of specific courses, programs, academics and workshops following departmental recommendation and approval by the Dean of Vocational Instruction and the Vice President.

Specific credit recommendations are:

Cadet Course, Miss. Highway Patrol

Introduction to Law

Enforcement	CRJ 1313.....	3
Police Org. and Adm. II	CRJ 1333.....	3
Criminal Investigation I.....	CRJ 2343.....	3
Criminal Investigation II.....	CRJ 2333.....	3
Physical Education	HPR	4
	Total Semester Hours	16

Basic Law Enforcement

Course for Sheriffs

Basic Law Enforcement

Course for Police

Introduction to Law

Enforcement	CRJ 1313.....	3
Police Organization and Adm. II	CRJ 1333.....	3
Physical Education	HPR	1

Developmental Studies

Entering freshmen, before admission to any curriculum, must submit ACT scores or take basic skills tests in reading, writing and mathematics. If there is

evidence of academic deficiency in any of these areas, students will be required to take courses in the Developmental Studies Program.

The Developmental Studies Program involves traditional classroom instruction and individualized lab experiences designed to prepare students for other college courses. The courses offered in Developmental Studies are not designed for transfer credit, but may count as electives toward graduation from Mississippi Gulf Coast Community College.

Grades

At mid-semester (end of the first term or nine-weeks) and again at the end of the semester, the academic standing of each student in each course is reported by the instructors. Mid-semester grades may be obtained from the Faculty Advisor. Final grades will be mailed to the student at the end of the semester. Mid-semester grades allow students to evaluate their progress but are not official and are not shown on the transcript. Semester grades are shown on the transcript.

Grades are based upon proficiency attained by the student. This is demonstrated primarily by the quality of work done in the classroom.

Letter grades used and their meaning are as follows:

A — Represents superior or outstanding achievement in regularly prescribed work.

B — Above average achievement in prescribed work.

C — Average level of achievement.

D — Below average achievement. This is the lowest passing grade.

F — Failure to do regularly prescribed work or withdrawal from a course after ten weeks of a semester.

I — Incomplete, means the prescribed work was not finished by the end of the semester. If the work is completed within the following semester, the "I" may be changed to A, B, C, or D. If the work is not completed within that semester, the "I" will be changed to "F".

IP — In Progress, means that, at the end of the grading period the student is progressing but has not completed the course during that grading period. This grade is utilized for competency-based courses or courses organized on an open-entry, open-exit basis in which the student progresses at his or her own rate under the supervision of the instructor.

AU — Audit, grade given at the end of a course for which a student has properly registered as an auditing student.

W — Withdrawal, indicating that the student officially withdrew before the end of the first ten weeks of a semester.

THE HONORS PROGRAM

In its attempts to provide services to meet the educational needs of our community as a whole, Mississippi Gulf Coast Community College established the Honors Program in 1987. The Honors Program offers special courses and activities, along with full-tuition scholarships, to academically talented students. Students who wish to participate in the program must complete an application, attend an interview with the Honors Program Director and meet any two of the

appropriate criteria. The **criteria for entering freshmen** are (1) a minimum ACT Composite score of at least 25 (required for full-tuition scholarship), (2) the top 10 percent of their high school class in a college preparatory program, or (3) recommendations from two instructors/faculty members. The **criteria for students entering with previous college work** are (1) a minimum ACT Composite score of 25, (2) a cumulative GPA of at least 3.5 with no grade lower than C on a minimum of 15 hours (required for full-tuition scholarship), or (3) recommendations from two instructors/faculty members. In order to remain in the program, honors scholars must maintain a cumulative GPA of at least 3.2 with no grade lower than a C and must take seven hours of honors credit each semester to include the honors forum. Students who drop below the required cumulative GPA of 3.2, but not below a cumulative GPA of 3.0 will be placed on probation for one semester to allow the student to regain the 3.2 cumulative GPA. The student will remain in the program and retain the scholarship while on probation. Only one probationary semester is allowed during the four-semester program.

Each semester at least two courses are offered for honors credit to program participants. If these courses are not a part of the required curriculum of his major, the student may select another course for honors credit. In this event, he must meet with the instructor to discuss the extra work which will be required of him.

In addition, the honors scholars meet for one hour each week in a forum to discuss selected issues confronting the individual and society. Throughout the semester, lectures will be given by outstanding humanists, scientists, industrialists and social leaders who will address specific issues from the perspective of their discipline.

By preparing students to excel, the Honors Program helps to sharpen students' skills and prepare them for the challenges ahead.

Learning Resources Center

Statement of Purpose: The purpose of the Learning Resources Center — made up of the library, media services and learning skills center on the three Mississippi Gulf Coast Community College campuses — is to provide primary and secondary materials, both informational and recreational, that support the aims and objectives of the college, the courses and teaching methods of the faculty and the individual needs of the students.

Selection Policy: Library books and media software are selected from reviews printed in library and educational literature and by the request of the various college department chairpersons. The "freedom to read" concept stated in the American Library Association's Library Bill of Rights is upheld. Material supporting all sides of a controversial issue is purchased as long as it is not offensive to accepted good taste.

The learning lab is designed to provide assistance to students in overcoming academic deficiencies or difficulties with their coursework. Students entering the lab find available a variety of instructional methods and media, such as tutoring, computer-assisted instruction, videos, filmstrip and slide presentations, models and group study. Staffed by instructors who are committed to individualized instruction, the learning lab is a resource center which provides students with every opportunity for success in their classes.

Quality Points

A student must earn a minimum of two quality points for each semester hour of work taken to qualify for graduation. Points are computed on grades as follows:

- A — 4 quality points per semester hour
- B — 3 quality points per semester hour
- C — 2 quality points per semester hour
- D — 1 quality point per semester hour

If a student fails to earn sufficient quality points in a course, the course may be repeated in order to improve the grade and earn quality points.

A transfer student's quality points will be computed on the grades transferred to MGCCC.

Quality point averages are determined by totaling the quality points earned in all courses and dividing the sum by the total semester hours taken.

A student will be graduated "with honors" who earns a quality point average of 3.3 and "with special honors" who earns a quality point average of 3.7.

SCHOLASTIC PROBATION, SUSPENSION AND DISMISSAL

Mississippi Gulf Coast Community College is committed to ensuring that students achieve their educational objectives. Standards of progress are used to monitor this successful achievement. At the end of the first semester, each student's grade point average will be reviewed, and students whose average, in the judgment of College officials, is unsatisfactory, will be placed on one semester probation and referred to counseling. If the student's cumulative average is not an acceptable level, in the judgment of the College officials, by the end of the probationary semester, the student will be suspended for the succeeding semester.

By the end of the fourth semester in attendance, students with unacceptable scholastic records will be referred to the Guidance Committee for reevaluation to determine whether a student would be given additional time to improve or be dismissed.

In all cases of probation, suspension, or dismissal, the students' due process rights will be honored.

President's and Vice President's Lists

Scholarship is the chief goal of serious college students. The Board of Trustees, administration and faculty attempt to stimulate and recognize high scholarly achievement each semester.

President's List: Students will be recognized on the President's List by earning twelve or more semester hours with a 4.0 (all A's) grade point average.

Vice President's List: Students will be recognized on the Vice President's List by earning twelve or more semester hours with a 3.30 to 3.99 grade point average with no grade less than a "C".

Regular and Special Students

A regular student is required to take courses totaling at least 12 semester hours of credit.

When a regular student drops below 12 semester hours, the student automatically becomes a special student. If this occurs during the first six weeks of the semester, a special student tuition fee is charged in lieu of the matriculation fee.

A dormitory student that becomes a special student must move out of the dormitory and continue his/her studies as a day student unless his/her remaining in the dormitory is recommended by the admission committee and approved by the vice president.

TWO PLUS TWO PROGRAM

The University of Southern Mississippi-Gulf Coast, in cooperation with Mississippi Gulf Coast Community College, has designed bachelor's degree programs in which the lower division work is taken through Mississippi Gulf Coast Community College and upper division work is completed at USM-Gulf Coast. This concept has been formalized in the Two Plus Two agreement between the participating institutions.

One of the many advantages of the Two Plus Two concept is that it assures a smooth transition for students who transfer from Mississippi Gulf Coast Community College to the USM-Gulf Coast.

TWO PLUS TWO DEGREE PROGRAMS

Business Administration

- Accounting Option
- General Option
 - Management Concentration
 - Management Information Systems Concentration
 - Real Estate Concentration

College of Education and Psychology

- Elementary Education K-8 Early Childhood
- Elementary Education K-8 Language Arts
- Elementary Education K-8 Reading
- Elementary Education K-8 Language Arts I/Reading
- Elementary Education K-8 Social Studies
- Industrial and Vocational Education — Technical
- Industrial and Vocational Education — Trade and Technical
- Psychology
- Special Education — Educationally Handicapped

College of Health and Human Science

- Nursing

College of Liberal Arts

- Criminal Justice
- English — Non-Teaching

English — Secondary Teacher Certification
 History — Non-Teaching
 History — Secondary Teacher Certification
 Paralegal Studies
 Political Science — Non-Teaching
 Political Science — Pre-Law Option

College of Science and Technology

Computer Science — Applied Computer Science
 Computer Science — Data Processing
 Electronics Engineering Technology
 Mathematics — Non-Teaching
 Mathematics — Secondary Teacher Certification

Withdrawal Procedures

Students officially withdrawing from school completely, or students who want to officially withdraw from only part of their classes, should initiate the process at the admissions office. The admissions office will issue the proper form and inform the student of the procedure to be followed.

GRADUATION INFORMATION

Advantages of Graduation

The advantages of graduation from a community college are too numerous to list. However, it might be noted that attainment of an associate degree or diploma is excellent evidence of a student's individual worth, implying motivation, academic aptitude and ability to set and reach a goal.

A survey of senior institutions of higher learning in the state shows the following advantages may be enjoyed by the community college graduate.

1. No additional physical education courses required at most senior institutions.
2. A "C" average is automatically accepted without imposing the senior school's method of grade averaging.
3. The community college graduate is automatically admitted in good standing.
4. Graduates seem to understand requirements better, are more stable and adjust to the new environment.

Selection of Catalog for Graduation

Students must meet graduation requirements for each degree or certificate as outlined in the current catalog or a catalog of not more than six years old at the time of the anticipated graduation. Selection of the catalog must be approved by the Dean of Student Services. The catalog selected must contain the program of study for the year during which the student earned credit.

General Graduation Requirements

General graduation requirements apply to all plans of graduation. These requirements include earning a minimum of 64 hours with a quality point aver-

age of at least 2.0 for all course work attempted, including two semester hours of physical education where shown as a requirement. (Under certain conditions, other work may be substituted for P.E., provided a substitution of course form is completed and approved by appropriate college officials.) When a course is repeated the higher grade is used in computing quality point average.

Transfer students must earn a minimum of 15 semester hours at Mississippi Gulf Coast Community College to be eligible to receive a degree from the college. (This policy may not be applicable in cases where Mississippi Gulf Coast Community College has been used as a Serviceman's Opportunity College. In these cases the Vice-President may waive the 15 semester hours minimum).

All degree programs include a core of general education courses (15 semester hours) which is outlined in the three degree programs. The core includes at least one course from each of the following areas: Humanities or Fine Arts, Social or Behavioral Sciences, and Natural Sciences or Mathematics; English, 6 sem. hrs.; Mathematics, 3 sem. hrs.; Science and/or Social Studies, 6 sem. hrs.

Students planning to receive a degree, diploma or certificate must complete a formal application available in the Records Office of each Campus or Center. Candidates for spring graduation must apply by March 1, and for summer graduation by June 1. Students are strongly encouraged to work closely with faculty advisors and Student Service counselors in order that appropriate courses are taken to meet requirements. Ultimate responsibility, however, does rest with the individual student.

Specific Graduation Requirements

1. Associate of Arts Degree

The Associate of Arts Degree is awarded for programs designed as the first two years of a four-year college/university program (curriculum) leading to a baccalaureate degree.

This degree encompasses programs listed in Group I through Group VI in this catalog.

A. This degree requires the completion of 64 semester hours with a "C" average or better.

B. The 64 hours must include the following:

English, 6 semester hours (English Composition I and II)

Social Science, 6 semester hours (government, geography, economics, psychology, sociology, marriage and family, anthropology)

Math, 3 semester hours (MAT 1313 or higher math)

Science, 8 semester hours (any science with a laboratory)

Physical Education, 2 semester hours

Humanities, 6 semester hours (any literature, history, foreign language, philosophy)

Fine Arts, 3 semester hours (any appreciation course)

Speech, 3 semester hours

Total, 37 semester hours.

In instances where the curriculum does not require all the above, substitutions may be approved by the Vice President or Dean of Academic and General Instruction.

Students who wish to transfer to a state university in Mississippi are required to take certain specific courses. The minimum core courses are listed under University Parallel Programs prior to individual program requirements. Each university may have additional specific requirements. Consult the catalog of the institution you wish to attend for further information.

2. Associate of Applied Science

The Associate of Applied Science is awarded for programs designed to meet the educational needs of students who are seeking preparation for employment in occupational fields not requiring baccalaureate degree.

This degree encompasses programs listed in Group VII in this catalog. It requires completion of all courses for any program listed in Group VII with an overall average of 2.0. Each program must have a minimum of 64 hours including the general core requirements as follows:

- 3 hours English Composition
- 3 hours Social or Behavioral Sciences
- 3 hours Math or 4 hours of Natural Science
- 6 additional hours of general education courses

3. Associate of Applied Science in Occupational Education

The Associate of Applied Science in Occupational Education is designed for students who earn 36 semester hours in a vocational program and elect to pursue a two-year associate degree.

A student must complete a minimum of 36 semester hours in one of the vocational programs listed under Group VIII in this catalog. The following additional courses must be taken:

- 3 hours English Composition
- 3 hours Math or 4 hours Science
- 9 hours Social or Behavioral Sciences
- 9 additional hours of Math or Science (Elected from college algebra, or college science)
- 6 additional hours elected from English or Oral Communication.

Certificates of Completion

Certificates of Completion are granted to students who successfully complete an adult vocational education or continuing education course.

On request of the student and recommendation of the instructor, a student who successfully completed only some of the major units of instruction in a program listed in this catalog may be granted a Certificate of Completion.

Diplomas

Diplomas for specific programs are awarded to students who successfully complete requirements with a quality point average of at least 2.0 in 9-month secretarial science or vocational education or apprenticeship programs listed under Groups VIII and VIII B of this catalog.

Numbering of Courses

Courses of study are identified by name and number. Those numbered from 1111 to 1999 are considered freshman courses and those from 2111 to 2999, sophomore courses. A student who has earned less than 24 semester hours is designated a freshman; one having 24 hours or more and 48 quality points is considered a sophomore. As a general rule, a student should choose courses in accordance with the student's class designation.

Choosing a Program of Study

Mississippi Gulf Coast Community College offers the following programs of study:

1. University parallel programs which may be transferred for full credit to senior institutions toward satisfaction of requirements for a Bachelor's Degree.
2. Specialized programs in business, professional, vocational and technical areas to prepare persons for employment or advancement within respective fields.
3. Enrichment and/or technical courses given on a non-credit basis to enable an adult student to become more effective in use of leisure time or to increase occupational efficiency.

Programs of Study

Students who enter the Mississippi Gulf Coast Community College are usually guided into one or two program areas: University parallel program or occupational education program.

University Parallel Programs: The University Parallel Programs are designed to meet the total needs of students who expect to transfer to a four-year college or university after graduating from Mississippi Gulf Coast Community College.

Students enrolling in the University Parallel Programs should consult the college catalog of the particular four-year or university they plan to attend for assistance in planning the courses to be taken at Mississippi Gulf Coast Community College.

The following programs and sequences of colleges are those normally recommended by counselors. These programs meet not only Mississippi Gulf Coast Community College graduation requirements but most, if not all, transfer prerequisites.

After reviewing the section of suggested studies, a student should discuss the choice of program of study with a guidance counselor who will assist in determining the actual choice. Final responsibility for this rests with the student.

Occupational Education Programs: The Occupational Education Programs are designed to meet the needs of students who are seeking preparation for employment in an occupational field not requiring the four-year college or university degree.

After reviewing the occupational education section of studies the students should discuss their occupational objectives with a vocational counselor who will offer guidance on appropriate choice of program of study to fulfill their objective, however, final responsibility for this rests with the student.

UNIVERSITY PARALLEL PROGRAMS

University Parallel Programs are designed as the first two years of four year college/university programs (curricula) leading to a baccalaureate degree.

These programs encompass Groups I-IV listed below. University parallel programs lead to the MGCCC Associate of Arts degree.

	Location**	Page No.
University Parallel Programs		70
Group I		
B.A. Preparatory Curriculum	JCC, JDC, PC	70
B.S. Preparatory Curriculum	JCC, JDC, PC	72
Developmental Studies*	JDC, PC, JCC	73
Group II		
Business Education	JCC, PC, JDC	75
Business B.S. Preparatory	PC, JDC, JCC	74
Group III		
Art	JDC, JCC, PC	80
Art Education	JDC, PC, JCC	81
Music	PC	76
Group IV		
Computer Science	JCC, PC, JDC	83
Engineering	PC, JCC, JDC	82
Industrial Technology	PC	86
Mathematics Education	JDC, JCC, PC	85
Pre-Architectural Technology	PC, JDC, JCC	87
Pre-Construction (Management)	PC, JDC, JCC	88
Group V		
Agricultural Engineering	PC	98
Basic Agricultural Curriculum	PC	97
Basic Science	JCC, JDC, PC	89
Criminal Justice	JDC	103
Fishery Management	JCC	99
Forestry	PC	100
Interior Design	PC	102
Medical Record Administration	JCC, PC, JDC	95
Medical Technology	PC, JDC, JCC	90
Occupational Therapy	JDC, PC, JCC	92
Optometry	JCC, PC, JDC	93
Pre-Pharmacy	JDC, PC, JDC	91
Physical Therapy	PC, JCC, JDC	94
Science Education	JCC, PC, JDC	96
Veterinary Science	JCC, JDC, PC	101
Group IV		
Elementary Education	JDC, JCC, PC	104
Industrial Education	PC	110
Secondary Education	PC, JDC, JCC	109

* Not designed for transfer credit, but may count toward graduation from MGCCC.

** JCC-Jackson County Campus; JDC-Jefferson Davis Campus; PC-Perkinston Campus.

OCCUPATIONAL EDUCATION PROGRAMS

Occupational Education Programs are designed to meet the educational needs of students who are seeking preparation for employment in occupational fields not requiring the four-year college/university baccalaureate degree.

These programs encompass Group VII and Group VIII below.

Group VII — Technical

Occupational education programs leading to MGCCC Associate of Applied Science degrees.

	Location**	Page No.
Accounting Technology	JDC, JCC, PC	178
Administrative Aide (2 Sem.)*	PC, JCC, JDC	182
Administrative Aide (4 Sem.)*	JDC, PC, JCC	176
Administrative Secretary (2 Sem.)*	JCC, JDC, PC	182
Administrative Secretary (4 Sem.)	JCC, JDC, PC	175
Associate Degree Nursing Program	JCC, JDC	135
Automated Manufacturing Technology	JCC, JDC	139
Banking and Finance Technology	JDC	144
Business Management	PC, JDC, JCC	177
Commercial Art and Advertising	PC	147
Computer Repair Technology	PC	148
Computer Technology	JDC	183
Court Reporting	PC	181
Criminal Justice	JDC	167
Drafting and Design Technology	PC, JCC, JDC	154
Electronics Technology	JCC	158
Emergency Medical Technician/ Paramedic	WHCOTC	162
Fashion Merchandising	JDC, JCC	152
Hotel, Motel and Restaurant Operation	JDC	165
Human Services Associate Degree Program	JCC	142
Industrial Electronics Technology	JDC	160
Marketing Management	JCC, JDC	151
Medical Laboratory Technology	JCC	168
Microcomputer Specialist	JCC, PC, JDC	179
Ornamental Horticulture	PC	171
Paralegal Technology	JDC	172
Radiological Technology	JCC	188
Word Processing	PC, JDC, JCC	180

Group VIII — Vocational

Occupational education programs leading to MGCCC diplomas.

Students who earn diplomas may elect to pursue the MGCCC Associate of Applied Science degree in Occupational Education. (See details on page 64)

Air Conditioning/Refrigeration	JDC	194
Auto Body Repair	WHCOTC, GCOTC	198
Automotive Mechanics (18 month Program)	PC, JCC	200

Automotive Mechanics (12 month Program).....	WHCOTC.....	203
Automotive Parts Sales and Management ..	PC.....	205
Carpentry.....	JDC.....	206
Child Care.....	JCC.....	208
Commercial Truck Driving	PC.....	210
Cosmetology.....	GCOTC.....	214
Diesel Automotive, Industrial Engines and Components.....	JDC.....	221
Food Production Management and Service.....	WHCOTC.....	212
Industrial Drafting.....	WHCOTC.....	225
Industrial Electricity.....	JCC, WHCOTC, JDC.....	228
Landscape Construction and Design.....	WHCOTC.....	230
Machine Shop.....	JCC.....	233
Machine Tool Operation/Machine Shop.....	WHCOTC.....	251
Marine Maintenance.....	JCC.....	237
Medical Unit Manager.....	JCC, JDC.....	239
Nursing Assistant.....	JDC, JCC.....	240
Industrial Maintenance Mechanic	JDC.....	241
Pipefitting/Plumbing.....	JCC.....	243
Practical Nursing.....	JDC, GCOTC, JCC.....	247
Plumbing.....	JD.....	250
Respiratory Therapy Technician	JCC.....	255
Secretarial Training.....	GCOTC, WHCOTC.....	258
Teacher Assistant	JDC.....	223
Welding.....	JCC, PC, GCOTC.....	261
Combination Welding.....	ATDC.....	264
Group VIII — Apprenticeship		
Boilermaker.....	JCC.....	269
Carpenter/Joiner.....	JCC.....	269
Electrical.....	JCC.....	269
Hull Welder.....	JCC.....	270
Machinist.....	JCC.....	269
Painter.....	JCC.....	269
Pipefitter.....	JCC.....	269
Pipewelder.....	JCC.....	270
Sheetmetal.....	JCC.....	269

*Two semester programs lead to MGCCC diplomas.

**JCC-Jackson County Campus; JDC-Jefferson Davis Campus; PC-Perkinston Campus; GCOTC-George County Occupational Training Center; HCOTC-Harrison County Occupational Training Center; WHCOTC-West Harrison County Occupational Training Center.

COOPERATIVE EDUCATION PROGRAMS

(May be taken by students in University Parallel or Occupational Education Programs)

Course Listing268

ADULT AND CONTINUING EDUCATION PROGRAMS

	Location**	Page No.
Special Interest Courses	JCC, JDC, PC, ATDC, GCOTC, WHCOTC.....	271
Supplementary Occupational Adult Courses	PC, JDC, GCOTC, ATDC, JCC, WHCOTC.....	271
Preparatory Occupational Adult Courses	JDC, GCOTC, PC, ATDC, JCC, WHCOTC.....	271
Special Programs.....	GCOTC, JDC, PC, ATDC, JCC, KC, WHCOTC	272

**JCC-Jackson County Campus; JDC-Jefferson Davis Campus; PC-Perkinston Campus; GCOTC-George County Occupational Training Center; ATDC-Applied Technology and Development Center; KC-Keesler Center; WHCOTC-West Harrison County Occupational Training Center.

UNIVERSITY PARALLEL PROGRAMS

University Parallel Programs are designed as the first two years of a four year college/university program leading to a Baccalaureate Degree. Students who plan to transfer to a specific four year institution are expected to obtain a catalog or bulletin from that college or university. MGCCC can then parallel freshman and sophomore courses required in the lower division of that institution according to various majors or programs. Students undecided about which senior institution they will attend should consult the B.A. or B.S. Preparatory Curriculum found below.

Please note that State Universities in Mississippi require the following minimum core courses:

English Composition.....	6 semester hours
College Algebra (or Higher) Math	3 semester hours
Laboratory Science	8 semester hours
Humanities.....	6 semester hours
Fine Arts	3 semester hours

GROUP I: B.A. PREPARATORY CURRICULUM 1000

This curriculum is designed for the student who plans to complete requirements for the Bachelor of Arts Degree, but is undecided about a particular university or who may be undecided on a future career. The student in this group should consult with his or her faculty advisor to plan a course of study to meet special curriculum needs. Foreign languages should be taken two semesters in sequence in order to obtain full credit.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
MFL 1113, 1123 or 1213, 1223 or 1313, 1323	Foreign Language*.....	3	3
MAT 1313*	College Algebra	3	
MAT ELECTIVE	Any Math above College Algebra.....		3
BIO 1134, 1144 or PHY 2244, 2254	General Biology I & II or Physical Science Survey I & II.....	4	4
FINE ARTS			
ELECTIVE	Any Appreciation Course.....	3	
SOCIAL SCIENCE or			
HUMANITIES			
HPR ELECTIVE	Physical Education	1	1
*Some schools require sophomore level courses.			
SOPHOMORE YEAR			
LITERATURE			
ELECTIVE			
	American, English or World Literature	3	3
MFL 1313, 1323 or 2113, 2123 or 2213, 2223	Foreign Language.....	3	3

HIS 1163, 1173 or HIS 2213, 2223	World Civilization I & II or American History	3	3
SCIENCE ELECTIVE	Any BIO, CHE or..... PHY course	4	
SPT 1113	Oral Communication.....		3
CSC 1213 or ELECTIVE	BASIC Computer Programming	3	
SOCIAL SCIENCE	Any ECO, EPY, GEO, PSY, PSC or SOC	3	3

*May require a lower level prerequisite.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

GROUP I: B.S. PREPARATORY CURRICULUM 1010

This alternate core curriculum is designed for the student who plans to complete requirements for a Bachelor of Science Degree, but is undecided about a particular university or for the student undecided on a future career.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
BIO 1134, 1144 or	General Biology I & II or		
PHY 2244, 2254	Physical Science I & II.....	4	4
MAT 1313*	College Algebra.....	3	
MAT ELECTIVE	Any Math above College Algebra.....		3
HIS 1163, 1173 or	World Civilization I & II or		
HIS 2213, 2223	American History.....	3	3
HUMANITIES	3	3
HPR ELECTIVE	Physical Education.....	1	1
SOPHOMORE YEAR			
LITERATURE			
ELECTIVES	American, English or World.....	3	3
SPT 1113	Oral Communication.....	3	
SOCIAL SCIENCE			
ELECTIVES	Any ECO, EPY, GEO, PSY or SOC course.....	3	3
SCIENCE			
ELECTIVES	Any BIO, CHE or PHY course.....	4	4
FINE ARTS			
ELECTIVE	Any Appreciation Course.....		3
CSC 1213 or			
ELECTIVE	BASIC Computer Programming.....	3	
ELECTIVES	3	3

*May require a lower level prerequisite.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

GROUP I: DEVELOPMENTAL STUDIES* 1015

This program is provided for students who show academic deficiencies and/or a lack of readiness for a chosen curriculum. Students are directed to the Developmental Studies program in accordance with performance on standard tests given to freshmen prior to registration. Each student is advised of test results and counseled accordingly. The Developmental Studies program involves traditional class instruction and individualized lab experiences to assist students in achieving the specific course competencies.

Course Requirements

Depending on students' performance on tests and high school transcripts, the following courses may be required:

	SEMESTER HOURS
ENG 1103	Developmental English..... 3
REA 1103	Developmental Reading..... 3
MAT 1103	Developmental Math** 3
MAT 1213	College Math** (Beginning Algebra)..... 3
MAT 1233	Intermediate Algebra**..... 3

Students enrolled in Developmental Studies who wish to take additional courses will be assisted by their advisor in selecting other courses appropriate to their educational needs and goals.

*Not a degree granting program and non-transferable. May count toward graduation from Mississippi Gulf Coast Community College.

**Students will begin their math study in the first course which they need and will continue until they have mastered the skills needed in their chosen program of study.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

GROUP II: BUSINESS AND OFFICE ADMINISTRATION

The business and office administration curriculum is designed for students who plan to secure a degree in business at a senior institution. The community college Business Bachelor of Science Degree preparatory curriculum will prepare business majors in fields such as accounting and auditing; business administration; economics; marketing; office management; personnel management; banking; life insurance; property and casualty insurance; or public administration.

The community college business education curriculum also offers the freshman and sophomore courses usually required by a senior institution for the Bachelor's Degree in business education.

Technical and Vocational Programs in Business and Office are also offered. See Technical Section.

Business B.S. Preparatory 2000

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
BIO 1134, 1144	General Biology I & II or		
PHY 2244, 2254	Physical Science Survey I & II.....	4	4
MAT 1313, 1513	College Algebra, Bus. Cal.....	3	3
GEO 1123	Prin. of Geography.....	3	or 3
BAD 2413	Legal Environment of Business.....	3	or 3
HPR 1591, 1751	Physical Education.....	1	1
SOPHOMORE YEAR			
ACC 1213, 1223	Accounting I & II.....	3	3
ECO 2113, 2123	Economics I & II.....	3	3
ENG 2423	World Literature.....	3	
MFL	Foreign Language.....		3
PSY 1513	General Psychology.....	3	or 3
SOC 2113	Intro. to Sociology.....	3	or 3
BAD 2533	Bus. Management and Microcomputers....	3	or 3
SPT 1113	Oral Communication.....	3	or 3
Fine Arts	Any Appreciation Course.....	3	or 3

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Business Education** 2010

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
MAT 1313	College Algebra	3	
HIS 1163, 1173	World Civilization I & II.....	3	3
BIO 1134, 1144 or	General Biology I & II.....	4	4
BST 1113 or 1123	Typewriting.....	3	
PSY 1513	General Psychology		3
SPT 1113	Oral Communication.....		3
HPR	Physical Education	1	1
SOPHOMORE YEAR			
ENG 2323, 2333	English Literature I & II.....	3	3
ACC 1213, 1223	Accounting I & II	3	3
BST 1213*, 1223	Shorthand	3	3
PHY 2244, 2254	Physical Science Survey I & II.....	4	4
ECO 2113, 2123	Economics I & II	3	3
Fine Arts	Any Appreciation Course.....	3	or 3

* If a student has completed one year of high school shorthand, PSC 1113, HPR 1213, or GEO 1123 should be taken in lieu of BST 1213.

** See statement on policy concerning admission to teacher education programs on page 104.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

GROUP III: FINE ARTS

Music 3000

(Perkinston Only)

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
SPT 1113	Oral Communication.....	3	
MAT 1313	College Algebra.....		3
PSY 1513	General Psychology.....		3
MUS 1214, 1224	Music Theory I & II.....	4	4
MUS 2413	Music Literature.....	3	
HPR	Physical Education.....	1	1
KEYBOARD EMPHASIS			
MUA 1572, 1582	Private Piano.....	2	2
MUA 1712	Class Voice or.....	2	
MUA 1771, 1782	Private Voice.....	2	2
MUO 1211, 1221	Choir.....	1	1
VOICE EMPHASIS			
MUA 1772, 1782	Private Voice.....	2	2
MUA 1512, 1522	Class Piano or		
MUA 1572, 1582	Private Piano.....	2	2
MUO 1211, 1221	Choir.....	1	1
INSTRUMENTAL EMPHASIS			
MUA	Private Instrument.....	2	2
MUA 1511, 1521	Class Piano or		
MUA 1571, 1581	Private Piano.....	1	1
MUO 1111, 1121	Band.....	1	1
SOPHOMORE YEAR			
ENG 2323, 2333	English Literature I & II.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
PHY 2244, 2254	Physical Science Survey I & II.....	4	4
MUS 2214, 2224	Music Theory III & IV.....	4	4
MUS 2313, 2323	Music History.....	3	3
KEYBOARD EMPHASIS			
MUA 2572, 2582	Private Voice.....	2	2
MUA 2772, 2782	Private Voice.....	2	2
MUA 2572, 2582	Private Piano.....	2	2
MUA 2211, 2221	Choir.....	1	1
VOICE EMPHASIS			
MUA 2772, 2782	Private Voice.....	2	2
MUA 2572, 2582	Private Voice.....	2	2
MUO 2211, 2221	Choir.....	1	1
INSTRUMENTAL EMPHASIS			
MUA	Private Instrument.....	2	2
MUA 2571, 2581	Private Piano.....	1	1
MUO 2111, 2121	Band.....	1	1

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

GROUP III: FINE ARTS

Music Education

3000

Keyboard Emphasis

or

Composition Emphasis

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
SPT 1113	Oral Communication.....	3	
MAT 1313	College Algebra.....		3
PSY 1513	General Psychology.....		3
MUS 1214, 1224	Music Theory I & II.....	4	4
MUS 2413	Music Literature.....	3	
HPR	Physical Education.....	1	1
MUA	Private Lessons, Inst. or Vocal.....	1	1
MUA 1512, 1522	Piano.....	2	2
	Social Science (elective).....	3	or 3
MUA	Recital Class.....	<u>0</u>	<u>0</u>
TOTAL		17 or 20	17 or 20
SOPHOMORE YEAR			
ENG 2323, 2333	English Literature.....	3	3
HIS 1163, 1173	World Civilization.....	3	3
PHY 2244, 2254	Physical Science (Biology or Chemistry may be substituted).....	4	4
MUS 2214, 2224	Music Theory.....	4	4
MUS 2313, 2323	Music History.....	3	3
MUA	Private Lessons, Inst. or Vocal.....	1	1
MUA 2572, 2582	Piano.....	2	2
MUA	Recital Class.....	<u>0</u>	<u>0</u>
TOTAL		20	20

GROUP III: FINE ARTS
Music Education
3000
Vocal Emphasis
or
Church Music Emphasis

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
SPT 1113	Oral Communication.....	3	
MAT 1313	College Algebra.....		3
PSY 1513	General Psychology.....		3
MUS 1214, 1224	Music Theory I & II.....	4	4
MUS 2413	Music Literature.....	3	
HPR	Physical Education.....	1	1
MUA 1772, 1782	Voice.....	2	2
MUA 1512, 1522	Piano.....	2	2
MUO 1211, 1221	Choir.....	1	1
	Social Science (elective).....	3	or 3
MUA	Recital Class.....	<u>0</u>	<u>0</u>
TOTAL		19 or 22	18 or 21
SOPHOMORE YEAR			
ENG 2323, 2333	English Literature.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
PHY 2244, 2254	Physical Science (Biology or Chemistry may be substituted).....	4	4
MUS 2214, 2224	Music Theory.....	4	4
MUS 2313, 2323	Music History.....	3	3
MUA 2772, 2782	Voice.....	2	2
MUA 2572, 2582	Piano.....	2	2
MUO 2211, 2221	Choir.....	1	1
MUA	Recital Class.....	<u>0</u>	<u>0</u>
TOTAL		22	22

GROUP III: FINE ARTS

Music Education

3000

Instrumental Emphasis

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
SPT 1113	Oral Communication.....	3	
MAT 1313	College Algebra.....		3
PSY 1513	General Psychology.....		3
MUS 1214, 1224	Music Theory I & II.....	4	4
MUS 2413	Music Literature.....	3	
HPR	Physical Education.....	1	1
MUA	Private Lessons, Major Inst.....	2	2
MUA 1511, 1521	Piano.....	1	1
MUO 1111, 1121	Band*.....	1	1
	Social Science (elective).....	3	or 3
MUA	Recital Class.....	0	0
TOTAL		18 or 21	18 or 21
SOPHOMORE YEAR			
ENG 2323, 2333	English Literature.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
PHY 2244, 2254	Physical Science (Biology or Chemistry may be substituted).....	4	4
MUS 2214, 2224	Music Theory.....	4	4
MUS 2313, 2323	Music History.....	4	4
MUA	Private Lessons, Major Inst.....	2	2
MUA 2571, 2581	Piano.....	1	1
MUO 2111, 2121	Band*.....	1	1
MUA	Recital Class.....	0	0
TOTAL		22	22

*Guitar majors will substitute a suitable guitar ensemble for band.

Art 3010

The art curriculum and art education curriculum are designed to provide the first years of preparation for: students who wish to pursue the B.F.A. or the B.A., those who plan to teach art in the schools, those who desire careers in the professional fields of art, and students who desire a background in art simply for its aesthetic and cultural values.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
ART 1313, 1323	Drawing I & II.....	3	3
BIO 1134, 1144	General Biology I & II.....	4	4
MAT 1313	College Algebra.....	3	
ART 1413, 1423	Design I & II.....	3	3
HPR	Physical Education.....	1	1
	Social Science Elective.....		3
SOPHOMORE YEAR			
ENG 2423	World Literature.....	3	
SPT 1113	Oral Communication.....		3
PHY 2244, 2254	Physical Science Survey I & II.....	4	4
HIS 1163, 1173	World Civilization I & II.....	3	3
ART 1113	Art Appreciation.....		3
PSY 1513	General Psychology.....	3	
SOC 2113	Introduction to Sociology.....		3
	Art Electives.....	3	3
	Elective.....	3	

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Art Education *3012

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
BIO 1134, 1144	General Biology I & II.....	4	4
ART 1313, 1323	Drawing I & II.....	3	3
MAT 1313	College Algebra.....	3	
PSY 1513	General Psychology.....		3
HPR	Physical Education.....	1	1
SOPHOMORE YEAR			
ENG 2423	World Literature.....	3	
SPT 1113	Oral Communication.....		3
ART 1413, 1423	Design I & II.....	3	3
HPR 1213	Personal Health.....	3	
SOC 2113	Introduction to Sociology.....		3
ENG 2213	American Literature.....		3
ART 1113	Art Appreciation.....	3	
	Mathematics or Science Elective.....	3 or 4	
	Art Elective.....	3	
	Social Science Elective.....		3

*See statement on policy concerning admission to teacher education programs on page 104.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

GROUP IV: MATHEMATICS, COMPUTER SCIENCE AND ENGINEERING

Engineering 4000

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
GRA 1143	Graphic Communication*		3
MAT 1613, 1623	Calculus I & II.....	4	4
CHE 1214, 1224*	General Chemistry I & II.....	4	4
CHS 2323	Fortran Programming and Application.....		3
	Humanities Elective**	3	3
	Physical Education	1	
Fine Arts	Any Appreciation Course.....	3	
SOPHOMORE YEAR			
PHY 2514, 2524	Physics with Calculus I & II.....	4	4
MAT 2613, 2623	Calculus III & IV.....	3	3
MAT 2913	Differential Equations.....		3
MAT 2113	Linear Algebra*	3	
EGR 2413, 2433	Engineering Mechanics I & II*	3	3
SOC/HUM	Electives.....	3	
SPT 1113	Oral Communication.....		3
	Social Science Elective.....	3	3
	Physical Education	1	

NOTE: *Some of these courses are not required by all areas of engineering. Consult the university of your choice for specific transfer requirements.

**Choose from history, literature, etc.

Humanities courses must be in sequence.

Social Science courses must be in sequence.

Computer Science 4010

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
CSC 1213	BASIC Programming.....	3	
MAT 1313	College Algebra*.....	3	
MAT 1323	Trigonometry		3
MAT 1613	Calculus I.....		3
CSC 1613	Computer Programming I.....		3
HIS 1163, 1173	World Civilization I & II.....	3	3
	Physical Education	1	1
Fine Arts	Any Appreciation Course.....	3	
SOPHOMORE YEAR			
ENG 2323	English Literature I.....	3	
MAT 2113	Linear Algebra**.....		3
MAT 1623	Calculus II**	3	
CSC 2323	Fortran Programming and Application	3	
CSC 2413	Cobol Programming.....		3
CSC 2623	Computer Programming II	3	
SPT 1113	Oral Communication.....		3
PSC 1113	American Government		3
	Social Science Elective.....	3	
	Lab Science****.....	4	4
CSC 2813	RPG II	3	

NOTE: CSC 1313 is not required but is strongly recommended.

* This course can be replaced with a higher mathematics course.

** Not required for all computer science majors.

*** Not required but recommended for computer science majors.

**** Students who wish to work in computer hardware should take Physics 2414 and 2424.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

MATHEMATICS 4020

Secondary Teacher Certificate

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
PHY 2514, 2524	Science Elective	4	4
CHE 1214, 1224			
BIO 1134, 1144			
MAT 1613, 1623	Calculus.....	3	3
HPR	Physical Education	1	1
CSC	Computer Programming		3
ECO 2113	Social Science or	3	
PSY 1513			
SOPHOMORE YEAR			
ENG 2323, 2333	English Literature I & II or		
ENG 2423, 2433	World Literature I & II.....	3	3
MFL	Foreign Language (one language).....	3	3
MUS 1113	Fine Arts or.....		3
ART 1113			
SPT 1113	Oral Communication.....	3	
	Science Elective		
	(Choose from above courses. Must be		
	BIO if sequence was not).....	4	
MAT 2613, 2623	Calculus III & IV.....	3	3
MAT 2913	Differential Equations.....		3

NOTE: Math 2113 (Linear Algebra) may be used as a math elective.

Mathematics Education* 4020

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
BIO 1134, 1144	General Biology I & II.....	4	4
MAT 1313	College Algebra.....	3	
MAT 1323	Trigonometry.....	3	
MAT 1613, 1623	Calculus I & II.....	3	3
HPR	Physical Education.....	1	1
SOPHOMORE YEAR			
ENG 2323, 2333	English Literature I & II.....	3	3
Fine Arts	Any Appreciation Course.....	3	
SPT 1113	Oral Communication.....	3	
HPR 1213	Health.....		3
MAT 2613, 2623	Calculus I & II.....	3	3
ECO 2113	Economics I.....		3
PHY 2244, 2254	Physical Science Survey I & II.....	4	4

NOTE: ENG 2423, 2433, 2213 may be substituted for ENG 2323, 2333.

MAT 2913 is not required but is strongly recommended.

NOTE: MAT 1313, 1323 may be waived if student has sufficient background but six semester hours must be taken in lieu of these courses.

*See statement on policy concerning admission to teacher education programs on page 104.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Industrial Technology 4030

Industrial technology courses deal with the production areas of industry. This program is designed for students interested in employment as supervisors, administrators and other leadership positions. A student who completes this course will have the foundation in mathematics, science, human relations, and skill in handling machines, tools and materials which will prepare the student to cope with job problems.

Students who plan to pursue a Bachelors of Science Degree in industrial technology at a university should enroll in this program.

		SEMESTER HOURS	
FRESHMAN YEAR		1 Sem.	2 Sem.
GRA 1112, 1122	Engineering Drawing.....	2	2
ENG 1113, 1123	English Composition I & II.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
IED* 1213, 1223	Woodwork.....	3	3
HPR	Physical Education	1	1
SOPHOMORE YEAR			
ENG 2323, 2333	English Literature I & II.....	3	3
PHY 2414, 2424	General Physics	4	4
IED* 2313	General Metal Work	3	or 3
PSY 1513	General Psychology	3	or 3
SPT 1113	Oral Communication.....	3	or 3
GRA 2253	Descriptive Geometry	3	or 3
ECO 2113	Economics I	3	or 3
PSC 1113	American Government	3	or 3
Fine Arts	Any Appreciation Course.....	3	3

*IED courses are not offered at this time.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Pre-Architectural Technology 4035

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
MAT 1313	College Algebra.....	3	
DDT 1105	Fundamentals of Drafting.....	5	
HPR	Physical Education.....	1	1
	Science Elective*.....	4	4
MAT 1323	Trigonometry.....		3
	Humanities Elective**.....		3
	Social Science Elective***.....		3
Fine Arts	Any Appreciation Course.....	3	
SOPHOMORE YEAR			
RT 2093	Plane Surveying.....	3	
DDT 2055	Architectural Drafting and Design.....	5	
PHY 2414, 2424	General Physics I & II.....	4	4
SPT 1113	Oral Communication.....	3	
ART 1213	Introductory Art.....	3	
	Humanities Elective**.....		3
ECO 2113	Economics I.....		3
MAT 1613	Calculus I.....		3

* Science Electives (suggested): Physical Science, Principles of Chemistry.

** Humanities Electives: Literature, History, Allied Arts, Philosophy, Religion, Foreign Languages.

*** Social Science Electives: Political Science, Geography, Sociology, Psychology, Anthropology.

Programs are designed as guides for curriculum planning. Consult the University of Southern Mississippi.

Pre-Construction (Management) 4036

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
MAT 1313	College Algebra.....	3	
GRA 1112, 1122	Engineering Drawing* or		
DDT 1105	Fundamentals of Drafting.....	2 or 5	2
HPR	Physical Education.....	1	1
	Humanities Elective**.....	3	3
MAT 1323	Trigonometry.....		3
CSC 1213	BASIC Programming.....		3
DDT 1163	Constructional Materials and Cost Estimating.....		3
Fine Arts	Any Appreciation Course.....	3	
SOPHOMORE YEAR			
RT 2093	Plane Surveying.....	3	
SPT 1113	Oral Communication.....	3	
BAD 2413	Legal Environment of Business.....	3	
MAT 1613	Calculus I.....	3	
PHY 2414, 2424	General Physics I & II.....	4	4
ACC 1213	Principles of Accounting I.....		3
ECO 2113	Economics I.....		3
	Social Science Elective**.....		6

*GRA 1122 is to be taken if DR 1105 was not taken.

**Humanities Electives: Literature, History, Allied Arts, Philosophy, Religion, Foreign Language.

***Social Science Electives: Political Science, Geography, Sociology, Psychology, Anthropology.

Programs are designed as guides for curriculum planning. Consult the University of Southern Mississippi.

GROUP V: SCIENCE

(Includes Agriculture and Home Economics)

The basic science course outlined below is recommended for four-year science majors, for pre-medical, pre-dental, biology, chemistry, and physics students. Biology majors may substitute botany and/or marine science for one or two semesters of French.

The recommended courses for medical technology, optometry, occupational therapy, physical therapy, pre-pharmacy, and chemistry education are listed following the basic science course.

Basic Science 5000

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
BIO 2414, 2424	Zoology**	4	4
CHE 1214, 1224	General Chemistry I & II.....	4	4
HPR	Physical Education	1	
	Social Science.....	3	3
SOPHOMORE YEAR			
English	World, English, or American Literature.....		3
HIS 1163, 1173	World Civilization I & II.....	3	3
CHE 2425, 2435	Organic Chemistry I & II.....	5	5
PHY 2414, 2424	General Physics	4	4
Fine Arts	Any Appreciation Course.....	3	
SPT 1113	Oral Communication.....	3	

*Student should check university requirements and enroll in foreign language course as required.

**BIO 1314 may be substituted for BIO 2424 if university requirements allow.

***BIO 1134 prerequisite to all biology courses.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Medical Technology 5010

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
BIO 2414, 2424	Zoology	4	4
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
CHE 1214, 1224	General Chemistry I & II.....	4	4
PSC 1113	American Government	3	or 3
ECO 2113	Economics I	3	or 3
HPR	Physical Education	1	1
SOPHOMORE YEAR			
English	World, English, or American Literature.....	3	
CHE 2425, 2435	Organic Chemistry I & II.....	5	5
MFL 1113, 1123	French*	3	3
PHY 2414	General Physics I	4	4
BIO 2924	Microbiology		4
Fine Arts	Any Appreciation Course.....	3	
SPT 1113	Oral Communication.....	3	

*NOTE: Students are allowed to reduce class loads to 64 semester hours in above programs with assistance of faculty advisor.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Pre-Pharmacy 5020

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123 or 1213, 1223	English Composition I & II.....	3	3
CHE 1214, 1224	General Chemistry I & II.....	4	4
BIO 2414, 2424	Zoology* I & II	4	or 4
SOC SCI			
Electives:	Psychology, Sociology	3	3
MAT 1313, 1323 or 1613	College Algebra, Trigonometry, or Calculus I	3	3
HPR	Physical Education	1	1
SOPHOMORE YEAR			
CHE 2425, 2435	Organic Chemistry I & II.....	5	5
PHY 2414, 2424 or 2514, 2524	General Physics I & II or Physics with Calculus I & II.....	4	4
BIO 2924	Microbiology*	4	or 4
ACC 1213	Principles of Accounting I.....	3	or 3
Fine Arts	Any Appreciation Course.....	3	or 3
	Humanities Elective.....	3	3
HPR	Physical Education	1	1
SPT 1113	Oral Communication.....	3	or 3
	General Elective.....	3	or 3

*BIO 1134 is a prerequisite to all other Biology courses.

Colleges of pharmacy normally require two years of pre-professional training but minimal requirements vary. This curriculum outline meets pre-pharmacy requirements of the School of Pharmacy of the University of Mississippi.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Occupational Therapy 5025

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
Eng 1113, 1123	English Composition I & II.....	3	3
CHE 1214, 1224	General Chemistry I & II.....	4	4
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
BIO 2414, 2424	Zoology* I & II.....	4	4
PSY 1513	General Psychology.....	3	
SOC 2113	Intro to Sociology.....		3
SOPHOMORE YEAR			
PHY 2414, 2424	General Physics I & II.....	4	4
English	Any Literature.....	3	
HIS 2213, 2223	American History I & II.....	3	3
EPY 2513	Child Psychology.....		3
SPT 1113	Oral Communication.....		3
HPR	Physical Education.....	1	1
	Humanities Elective.....	3	
Fine Arts	Any Appreciation Course.....		3

*Prerequisite BIO 1134.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Optometry 5030

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
CHE 1214, 1224	General Chemistry I & II.....	4	4
PSC 1113	American Government	3	or 3
SPT 1113	Oral Communication.....	3	or 3
BIO 2414	Zoology*	4	
HPR	Physical Education	1	1
SOPHOMORE YEAR			
HIS 2213, 2223	American History I & II	3	3
PHY 2414, 2424	General Physics I & II	4	4
ENG 2323, 2333	English Literature I & II.....	3	3
PSY 1513	General Psychology	3	or 3
BIO 2924	Microbiology	4	
MAT 1623	Calculus I A	3	
Fine Arts	Any Appreciation Course.....		3

American and/or World Literature may be substituted.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Physical Therapy 5040

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
CHE 1214, 1224	General Chemistry I & II.....	4	4
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
BIO 2414, 2424	Zoology*	4	4
HPR	Physical Education	1	1
SPT 1113	Oral Communication.....	3	
Fine Arts	Any Appreciation Course.....		3
SOPHOMORE YEAR			
HIS 2213, 2223	American History I & II	3	3
PHY 2414, 2424	General Physics I & II	4	4
BIO 2514, 2524	Human Anatomy and Physiology I & II....	4	4
SOC 2113	Introduction to Sociology.....	3	or 3
English	Any Literature Course	3	or 3
PSY 1513	General Psychology	3	or 3

*Prerequisite BIO 1134.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Medical Record Administration 5050

		SEMESTER HOURS	
FRESHMAN YEAR		1 Sem.	2 Sem.
ENG 1113, 1123	English Composition I & II.....	3	3
BIO 2414, 2424	Zoology*	4	4
PSY 1513	General Psychology	3	
PSC 1113	American Government	3	
SPT 1113	Oral Communication.....		3
HPR	Physical Education	1	1
	Electives.....	3	3
Fine Arts	Any Appreciation Course.....		3
SOPHOMORE YEAR			
ENG 2323, 2333**	English Literature I & II.....	3	3
CHE 1214, 1224	General Chemistry I & II.....	4	4
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
BIO 2924	Microbiology	4	4
BIO 2514, 2524	Human Anatomy and Physiology I & II....	4	4

Elective courses should be selected from Geography, Economics, Languages, Psychology, Typewriting and Computer Science.

* Prerequisite BIO 1134.

** American and/or World Literature may be substituted.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Science Education* 5060

Secondary Teachers Certificate

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
	Science Elective	4	4
CSC 2323	FORTRAN Programming and Application.....	3	
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
PSC 1113	American Government		3
HIS 1163, 1173	World Civilization I & II.....	3	3
HPR	Physical Education	1	1
SOPHOMORE YEAR			
ENG 2323, 2333	English Literature I & II.....	3	3
	Science Elective	4 or 5	4 or 5
EDU 1613	Education	3	or 3
SPT 1113	Oral Communication.....	3	or 3
PSY 1513	General Psychology	3	or 3
	Science Elective	4	4
Fine Arts	Any Appreciation Course.....		3
MFL	Foreign Language (one language).....	3	3

NOTE: ENG 2423, 2433, or 2213 may be substituted for ENG 2323, 2333.

NOTE: Students may elect a program placing emphasis in Biology, Chemistry or Physics.

* See statement on policy concerning admission to teacher education program on page 104.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Agriculture

(Perkinston Campus)

Students wishing to major in general agriculture, agronomy, animal husbandry, dairying, horticulture, poultry husbandry, agricultural education, agricultural administration or agricultural economics should pursue the basic agriculture curriculum outlined below.

Those wishing to specialize in forestry, agricultural engineering, or veterinary science should pursue the specific curriculum of their specialty.

Basic Agricultural Curriculum* 5070

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
CHE 1314, 1324	Principles of Chemistry.....	4	4
AGR 1313	Plant Science.....	3	
AGR 1214	Animal Science.....		4
HPR	Physical Education.....	1	1
ECO 2113	Economics I.....	3	
SOPHOMORE YEAR			
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
SPT 1113	Oral Communication.....	3	
AGR 2314	Soils.....	4	
BIO 1314	Botany.....		4
CHE 2425	Organic Chemistry I.....	5	
Fine Arts	Any Appreciation Course.....		3
	Humanities Electives.....	3	3
PHY 2414	General Physics.....	4	

* See statement on policy concerning admission to teacher education program on page 104.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Agricultural Engineering 5080

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
CHE 1214, 1224	General Chemistry I & II.....	4	4
AGR 1313	Plant Science.....	3	
HIS 2213, 2223	American History I or II.....		3
MAT 1613, 1623	Calculus I-A, II-A.....	3	3
HPR	Physical Education.....	1	1
Fine Arts	Any Appreciation Course.....	3	or 3
GRA 1112	Engineering Drawing.....	2	or 2
SOPHOMORE YEAR			
PHY 2414, 2424	General Physics I & II.....	4	4
BIO 1134	General Biology I.....	4	
PSC 1113	American Government.....		3
SPT 1113	Oral Communication.....		3
AGR 2314	Soils.....	4	
MAT 2613, 2623	Calculus III, IV.....	3	3
MAT 2913	Differential Equations.....		3
	Elective.....	4	
	Humanities Electives.....		3

*Suggested elective — AGR 1214 Animal Science.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Fishery Management 5085 (Aquaculture)

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
BIO 1134	General Biology I.....	4	
CHE 1214, 1224	General Chemistry.....	4	4
BIO 1314	Botany.....		4
BIO 2414	Zoology I.....		4
SPT 1113	Oral Communication.....	3	
MAT 1613	Calculus I.....		3
	Humanities Elective.....	3	
SOPHOMORE YEAR			
ACC 1213, 1223	Accounting I & II.....	3	3
CHE 2425	Organic Chemistry.....	5	
CSC 1213	BASIC Programming.....	3	
BIO 2424	Zoology II.....	4	
BIO 2234	Applied Aquatic and Terrestrial Ecology.....	4	
BIO 2924	Microbiology.....		4
	Social/Behavioral Science.....		3
Fine Arts	Any Appreciation Course.....		3
	Humanities Elective.....		3

Forestry 5090

Preparatory for MSU

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
BIO 1314	Botany	4	or 4
BIO 2424	Zoology	4	or 4
MAT 1613	Calculus I	3	or 3
ENG 1113, 1123	English Composition I & II	3	3
CHE 1214, 1224	General Chemistry I & II	4	4
Fine Arts	Any Appreciation Course	3	or 3
	Social Science Elective	3	3
SOPHOMORE YEAR			
SPT 1113	Oral Communication	3	or 3
AGR 2314	Soils	4	or 4
CSC 1113	Introduction to Computer Concepts	3	or 3
RT 2093-2103	Plane Surveying	3	or 3
	Humanities Elective	3	or 3
ECO 2113	Principles of Economics I	3	or 3
PHY 2414	General Physics I	4	or 4
	Electives**	6	or 6

* MAT 1623 Calculus II may be substituted.

** Students planning to enter the Forestry-Wildlife Option should schedule CHE 2425 Organic Chemistry.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Veterinary Science 5100

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
CHE 1214, 1224	General Chemistry I & II.....	4	4
ENG 1113, 1123	English Composition I & II.....	3	3
BIO 2414, 2424	Zoology	4	4
PSY 1513	Psychology	3	
MAT 1313, 1323	Mathematics	3	3
PSY 1113	Government.....		3
HPR	Physical Education	1	1
SOPHOMORE YEAR			
CHE 2425, 2435	Organic Chemistry	5	5
SOC 2113	Sociology		3
SPT 1113	Oral Communication.....	3	
MAT 1613	Calculus I-A.....	3	
PHY 2414, 2424	General Physics I & II	4	4
HIS 1163, 1173	World Civilization I & II.....	3	3
Fine Arts	Any Appreciation Course.....		3

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Interior Design 5111

(Perkinston Campus)

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
BIO 1134, 1144	General Biology I & II.....	4	4
BAT 1113	Introduction to Business.....	3	
ART 2713	Art History I.....	3	
ART 1413	Design I.....	3	
ART 2723	Art History II.....		3
ART 1423	Design II.....		3
ART 1313	Drawing I.....		3
SOPHOMORE YEAR			
PSY 1513	General Psychology.....	3	
SPT 1113	Oral Communication.....	3	
PSC 1113	American Government.....	3	
ART 1323	Drawing II.....	3	
HEC 1131	Introduction to Modeling.....	1	
MAT 1313	College Algebra.....	3	
SOC 2113	Introduction to Sociology.....		3
ECO 2113	Principles of Economics I.....		3
HEC 1141	Modeling.....		1
ENG 2423	World Literature.....		3
	Elective.....		3
HPR 1111	Physical Education.....		1

Students who plan to seek employment after two years should take DMT 2093 Textiles and DR 1105 Fundamentals of Drafting.

Students who plan to transfer to a senior college should check with their advisor and follow closely the catalog of the senior college they plan to attend.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Criminal Justice 5120

(Jefferson Davis Campus)

The Criminal Justice Program is balanced between basic general education courses, common to all college programs, and requirements in administrative and specialized, criminal justice courses. The program is designed to meet the needs of various criminal justice agencies and to provide the student with the knowledge and attitudes needed to be an effective professional in the criminal justice system. It provides a complete program for those students intending to earn the Associate Degree and will enable students to transfer into a Bachelor's Degree Program.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
PSY 1113	American Government		3
PSY 1513	General Psychology	3	
SOC 2113	Introduction to Sociology		3
HIS 1163 or 1173	World Civilization I or II.....		3
	Laboratory Science	4	4
CRJ 1313	Introduction to Law Enforcement and Criminal Justice.....	3	
CRJ 1363	Introduction to Corrections.....	3	
CRJ 1323	Police Organization and Administration		3
		<hr style="width: 50px; margin-left: 0;"/>	<hr style="width: 50px; margin-left: 0;"/>
		16	19
SOPHOMORE YEAR			
HIS 2213 or 2223	American History I or II.....	3	
SPT 1113	Oral Communication.....		3
MAT 1313	College Algebra	3	
ECO 2113	Principles of Economics I		3
English	Literature (English, World or American).....	3	3
CRJ 2323	Criminal Evidence.....	3	
CRJ 2333	Criminal Investigation I.....		3
CRJ 2443	Criminal Investigation II.....		3
Fine Arts	Any Appreciation Course		3
	Health/Physical Education.....	1	1
		<hr style="width: 50px; margin-left: 0;"/>	<hr style="width: 50px; margin-left: 0;"/>
		16	16

GROUP VI: EDUCATION

The curriculum given below is the recommended program of general and basic professional education for the first two years of the four years degree. It will be noted that courses recommended for the sophomore year differ for the elementary and secondary education major.

Policy concerning admission to teacher education programs: Individuals who desire to be admitted to a professional teacher education program in a Mississippi Public University must have first successfully passed a nationally accepted test or the general knowledge and the Communication Skills sections of the National Teacher Examination. Typically, this would apply to students expecting to enter a full sequence of professional education courses in their junior year.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Education and Psychology Elementary Education K-8 Early Childhood Emphasis

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English	3	3
	Biology with Lab.....	4	
	Physical Science with Lab		4
HIS 1163, 1173	World Civilization.....	3	3
MAT 1723	Real Number System	3	
PSY 1513	General Psychology		3
ART 1913	Art for Elementary Teacher.....	3	or 3
HPR 1751	Nutrition and Weight Control	1	or 1
HPR 1591	Health Concepts Fitness or		
HPR 1761	Wellness and Weight Control.....	1	or 1
SOPHOMORE YEAR			
ENG 2153	Traditional Grammar	3	
SPT 1113	Oral Communication.....	3	
	World Literature		3
	Science Elective (no lab required).....	4	
	Fine Arts Elective (choose one)		3
	ART 1113, SPT 1213, MUS 1113, ART 1233 or SPT 2233		
MAT 1313	College Algebra	3	
HPR 1213	Personal Health	3	or 3
MUS 2513	Music for Children		3
	Social Science Elective.....	3	
	No more than 3 hours from one area SOC 2113, 2143; GEO 1123; SOC 2213; SOC 2133; PSC 1113		
EPY 2513	Child Psychology	3	or 3

Education and Psychology Elementary Education K-8 Reading Emphasis

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English	3	3
	Biology with Lab.....	4	
	Physical Science with Lab		4
HIS 1163, 1173	World Civilization.....	3	3
MAT 1723	Real Number System	3	
PSY 1513	General Psychology		3
ART 1913	Art for Elementary Teacher or		
MUS 2513	Music for Children		3
HPR 1751	Nutrition and Weight Control	1	or 1
HPR 1591	Health Concepts Fitness or		
HPR 1761	Wellness and Weight Control.....	1	or 1
SOPHOMORE YEAR			
ENG 2153	Traditional Grammar	3	
SPT 1113	Oral Communication.....	3	
	World Literature		3
	Science Elective (no lab required).....	4	
	Fine Arts Elective (choose one)		3
	ART 1113, SPT 1213, MUS 1113, ART 1233 or SPT 2233		
MAT 1313	College Algebra.....	3	
HPR 1213	Personal Health	3	or 3
EPY 2513	Child Psychology	3	or 3
	Social Science Elective.....	3	
	No more than 3 hours from one area SOC 2113, 2143; GEO 1123; SOC 2213; SOC 2133; PSC 1113		
SPT 2143		3

**Education and Psychology
Elementary Education K-8
Language Arts/Reading Emphasis**

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English	3	3
	Biology with Lab.....	4	
	Physical Science with Lab		4
HIS 1163, 1173	World Civilization.....	3	3
MAT 1723	Real Number System	3	
PSY 1513	General Psychology		3
ART 1913	Art for Elementary Teacher or		
MUS 2513	Music for Children	3	or 3
HPR 1751	Nutrition and Weight Control	1	or 1
HPR 1591	Health Concepts Fitness or		
HPR 1761	Wellness and Weight Control.....	1	or 1
SOPHOMORE YEAR			
ENG 2153	Traditional Grammar	3	
SPT 1113	Oral Communication.....	3	
	World Literature		3
	Science Elective	4	
	Fine Arts Elective (choose one)		3
	ART 1113, SPT 1213, MUS 1113, ART 1233 or SPT 2233		
MAT 1313	College Algebra	3	
HPR 1213	Personal Health	3	or 3
	Social Science Electives	3	
	No more than 3 hours from one area SOC 2113, 2143; GEO 1123; SOC 2213; SOC 2133; PSC 1113		
EPY 2513	Child Psychology	3	or 3
	Concentration (choose one).....	3	or 3
	JOU 1313, SPT 1233 or SPT 2143		

Education and Psychology Elementary Education K-8 Language Arts Emphasis

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English	3	3
	Biology with Lab.....	4	
	Physical Science with Lab		4
HIS 1163, 1173	World Civilization.....	3	3
MAT 1723	Real Number System	3	
PSY 1513	General Psychology	3	or 3
ART 1913	Art for Elementary Teacher or		
MUS 2513	Music for Children	3	or 3
HPR 1751	Nutrition and Weight Control	1	or 1
HPR 1591	Health Concepts Fitness or		
HPR 1761	Wellness and Weight Control.....	1	or 1
SOPHOMORE YEAR			
ENG 2153	Traditional Grammar	3	
SPT 1113	Oral Communication.....	3	
	World Literature		3
	Science Elective (no lab required).....	4	
	Fine Arts Elective (choose one)		3
	ART 1113, SPT 1213, MUS 1113, ART 1233 or SPT 2233		
MAT 1313	College Algebra	3	
HPR 1213	Personal Health	3	or 3
	Concentration (choose one).....	3	or 3
	JOU 1313, SPT 1233 or SPT 2143		
	Social Science Electives	3	3
	No more than 3 hours from one area SOC 2113, 2143; GEO 1123; SOC 2213, 2133; PSC 1113		
EPY 2513	Child Psychology		3

**Education and Psychology
Elementary Education K-8
Social Studies Emphasis**

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English	3	3
	Biology with Lab.....	4	
	Physical Science with Lab		4
HIS 1163, 1173	World Civilization.....	3	3
MAT 1723	Real Number System	3	
PSY 1513	General Psychology		3
HIS 2213, 2223	American History	3	3
HPR 1751	Nutrition and Weight Control	1	or 1
HPR 1591	Health Concepts Fitness or		
HPR 1761	Wellness and Weight Control.....	1	or 1
SOPHOMORE YEAR			
ENG 2153	Traditional Grammar	3	
SPT 1113	Oral Communication.....	3	
	World Literature		3
	Science Elective	4	
	Fine Arts Elective (choose one)		3
	ART 1113, SPT 1213, MUS 1113, ART 1233 or SPT 2233		
MAT 1313	College Algebra	3	
HPR 1213	Personal Health	3	or 3
PSC 1113	American Government	3	
EPY 2513	Child Psychology	3	or 3
GEO 1123	Principles of Geography		3

* Students should consult the University of their choice before making decision.

** College algebra may require a prerequisite based on students math skills.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

Secondary Teacher Certificate 6030

History

		SEMESTER HOURS	
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
MAT 1313	College Algebra.....	3	
	Science Elective.....	3	3
MFL	Foreign Language.....	3	3
	Social Science.....	3	3
HPR	Physical Education.....	1	1
SOPHOMORE YEAR			
ENG	Literature (continuous year sequence).....	3	3
MFL	Foreign Language.....	3	3
SPT 1113	Oral Communication.....	3	3
HIS 2213, 2223	American History I & II.....	3	3
PHI 2113	Philosophy.....	3	3
	Social Science.....	3	
Fine Arts	Any Appreciation Course.....		3

Secondary Teacher Certificate 6040

English

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition I & II.....	3	3
MAT 1313, 1323	College Algebra, Trigonometry.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
	Science Elective.....	4	4
	Social Sciences.....	3	3
HPR	Physical Education.....	1	1
MFL	Foreign Language (one language).....	3	3
SOPHOMORE YEAR			
ENG	Literature (continuous year sequence).....	3	3
SPT 1113	Oral Communication.....	3	
MFL	Foreign Language (one language).....	3	3
	Humanities.....		3
Fine Arts	Any Appreciation Course.....		3
	Elective.....	3	

INDUSTRIAL EDUCATION* 6020

Industrial Education is the study of technology (including industrial tools, materials, processes, products, occupations, and related problems). It involves activities in shops, laboratories, drafting rooms, and elementary classrooms. The broad, basic exploratory program prepares students to be trade and industrial coordinators or instructors of industrial arts.

Students who plan to pursue a Bachelor of Science Degree in Industrial Education at a university should enroll in this program.

Programs are designed as guides for curriculum planning. Consult the university of your choice for specific transfer requirements.

		SEMESTER HOURS	
FRESHMAN YEAR		1 Sem.	2 Sem.
GRA 1112, 1122	Engineering Drawing.....	2	2
ENG 1113, 1123	English Composition I & II.....	3	3
BIO 2414	Zoology	4	
PHY 2244, 2254	Survey of Physical Science I & II.....	4	4
IED 1213, 1223**	Woodwork.....	3	3
PSC 1113	American Government		3
HPR	Physical Education	1	1
SOPHOMORE YEAR			
BIO 1314	Botany	3	
ENG 2323, 2333	English Literature I & II.....	3	3
HIS 1163, 1173	World Civilization I & II.....	3	3
MAT 1313	College Algebra	3	or 3
IED 2313**	General Metals	3	or 3
SPT 1113	Oral Communication.....	3	or 3
HPR 1213	Personal Health	3	or 3
SOC 2113	Intro. to Sociology	3	or 3
Fine Arts	Any Appreciation Course.....		3

* See statement on policy concerning admission to teacher education program on page 104.

** IED courses are not offered at this time.

ALPHABETICAL LISTING AND DESCRIPTION NUMBERED COURSES

The three figures in parentheses after the description of each course indicate the number of semester hours credit for the course, the number of lecture hours each week, and the number of laboratory or activity hours each week, respectively.

ACCOUNTING (ACC)

ACC 1213-1223 — Principles of Accounting I and II. These courses are designed to give an understanding of recording, classification, and summarization of business transactions and events with insight into interpretation and reporting of the resulting effects upon the business. Previous knowledge of accounting is not required for ACC 1213. Prerequisite for 1223 is ACC 1213. (3,3,0)

AGRICULTURE (AGR)

AGR 1214 — Animal Science. Fundamental principles and practical application of livestock, dairy, and poultry science. (4,3,2)

AGR 1313 — Plant Science. Scientific principles as the basis for practice in producing, handling, processing, marketing, and utilizing agronomic and horticultural crops. (3,2,2)

AGR 2314 — Soils. A study of the physical, chemical and biological nature of soils, and fundamentals of soil classification and the relationship between soils and growing plants. Prerequisite: CHE 1214 (4,3,2)

ART (ART)

NOTE: The department reserves the privilege to retain student work for exhibition purposes.

ART 1113 — Art Appreciation. An introduction providing a background for the study and appreciation of art. An approach to the understanding and enjoyment of plastic arts. (3,3,0)

ART 1213 — Introductory Art. A studio course designed to familiarize the student with the fundamental elements of drawing and painting and to develop in the student a visually creative vocabulary. A study of the work of prominent artists will augment the student's own creative work in several media and approaches. (3,3,0)

ART 1233 — Allied Art. A program designed to increase the student's awareness of the Fine Arts as well as to acquaint students with the essential role of art in everyday life. Painting, music, sculpture, architecture, and the theatre arts are discussed in the light of basic aesthetic principles which unite them. (3,3,0)

- ART 1313 – Drawing I.** Basic problems in drawing, composition and some figure drawing with the use of various media. (3,0,6)
- ART 1323 — Drawing II.** This is a continuation of Drawing I with the additional use of such media as pen and ink, wash and conte crayon. (3,0,6)
- ART 1413 — Design I.** A study in visual design with emphasis on the design elements. Problems involving line, shape and form, space, color and value and texture. A variety of media and techniques will be utilized within the two dimensional concentration. (3,0,6)
- ART 1423 — Design II.** An intense study of color theory and its relationship to the creative and aesthetic process. A variety of media and techniques as well as some 3-dimensional design. Prerequisite: ART 1413 or permission of instructor. (3,0,6)
- ART 1913 — Art for Elementary Teachers.** The course is designed for prospective elementary teaching programs and all beginning art students. It offers the fundamentals of drawing, color theory, fundamentals of lettering, and problems in use of various media suitable for elementary schools. (3,0,6)
- ART 2313 — Drawing III.** Fluid media techniques: wash drawing, interpretation and composition emphasized. Prerequisite: ART 1313 or permission of the instructor. (3,0,6)
- ART 2323 — Drawing IV.** Fluid media techniques: wash drawing, interpretation and composition emphasized. Prerequisite ART 2313 or permission of the instructor. (3,0,6)
- ART 2513 — Painting I.** Techniques used in oil, watercolor, and acrylics painting as they relate to design elements and principles. A variety of subject matter will be explored. Prerequisite: ART 1313 or permission of instructor. (3,0,6)
- ART 2523 — Painting II.** Further study of techniques used in painting. Concentration of a particular media, with emphasis on good design and composition. Prerequisite: ART 2513 or permission of instructor. (3,0,6)
- ART 2613 — Pottery I.** The use of ceramic materials as means of expression. Experiences in handforming, application of glazes and firing. (3,0,6)
- ART 2623 — Pottery II.** Concentrates on use of the potters wheel and advanced glaze mixing. Prerequisite: ART 2613 or permission of the instructor. (3,0,6)
- ART 2633 — Sculpture.** Study of aesthetic form in clay and plaster, including casting techniques. (3,0,6)

BIOLOGY (BIO)

- BIO 1134 — General Biology.** A laboratory course in general biological principles with emphasis on basic biological chemistry, cell structure, cell physiology, reproduction, genetics, and embryology. (4,3,2)

- BIO 1144 — General Biology.** A continuation of BIO 1134 which includes a survey of the kinds of plants and animals and their anatomy and physiology. Prerequisite: BIO 1134. (4,3,2)
- BIO 1154 — Honors General Biology.** A lecture/laboratory course in basic biological principles including chemical and cellular basis of life, anatomy and physiology, reproduction, genetics, organismal complexity, classification, biosocial problems and ecology. (Open through invitation only.) (4,3,2)
- BIO 1164 — Honors General Biology.** A lecture/laboratory course of the basic principles listed but not covered in BIO 1154. (Open through invitation only.) (4,3,2)
- BIO 1314 — Botany.** A survey course of the plant kingdom stressing the anatomy and physiology of the angiosperms and the taxonomy, anatomy and life cycles of the lower phyla. Prerequisites: BIO 1134 or satisfactory score on a challenge exam. (4,3,2)
- BIO 2214 — Introduction to Marine Science.** This introductory course to marine biology places emphasis on measurement of physical, chemical, and biological parameters of ecological significance. Special sections of the course are directly related to local commercial fisheries and processing. The laboratory activities include functional morphology as well as taxonomy of local biota. In addition, emphasis is placed on the actual techniques employed in the measurement of biological data in the field. Prerequisites: BIO 1134 and CHE 1214. (4,2,4)
- BIO 2234 — Applied Aquatic and Terrestrial Ecology.** The application of ecological principles which serve as a basis for the management of wildlife and fisheries in terrestrial and aquatic habitats. (4,3,2)
- BIO 2414 — Zoology.** A laboratory course dealing with the application of biological principles to the study of animals including a survey of the kinds, their structure and function. Emphasis is on the invertebrates. Prerequisite: BIO 1134 or satisfactory score on a challenge examination. (4,3,2)
- BIO 2424 — Zoology.** A laboratory course dealing with the application of biological principles to the study of animals including a survey of the kinds, their structure and function. Emphasis is on the vertebrates. Prerequisite: BIO 1134. (4,3,2)
- BIO 2514 — Human Anatomy and Physiology I.** A study of the anatomy and physiology of the human body as an integrated whole with more detailed studies of the skeletal, muscular, and nervous systems. Prerequisite: BIO 1134 or satisfactory score on a challenge examination. (4,3,2)
- BIO 2524 — Human Anatomy and Physiology II.** A continuation of BIO 2514 in which the circulatory, respiratory, digestive, urinary, reproductive, and endocrine systems are studied. Prerequisites: BIO 2514. (4,3,2)
- BIO 2924 — Microbiology.** A comprehensive study of bacteria and other microorganisms including classification, morphology, cultural, characteris-

tics, and products of bacterial growth. Emphasis is placed on the study of disease-producing organisms and on general bacteriological technique. Prerequisite: BIO 1134 or satisfactory score on a challenge examination. (4,3,2)

BUSINESS ADMINISTRATION (BAD)

- BAD 2323 — Business Statistics.** Introduction to statistical methods of collecting, presenting, analyzing, and interpreting quantitative data for business management and control. (3,3,0)
- BAD 2413 — Legal Environment of Business.** This course is designed to acquaint the students with the fundamental principles of law as they relate to the basic legal problems of business transactions in our economy. Special attention will be given to an introduction law, law of contracts, agency and employment, negotiable, negotiable instruments and commercial paper. (3,3,0)
- BAD 2533 — Business Management and Microcomputers.** An introduction to the main microcomputer software packages used in business and to the components of an information system to include spreadsheets, data-base, retrieval, records management, and electronic communication. (3,3,0)
- BAD 2713 — Principles of Real Estate.** The course deals with the nature of the real estate market, types of ownership of property, contracts, methods of transferral of title, instruments used in transfers, title closing, financing, property management, insuring, and appraising. (3,3,0)
- BAD 2723 — Real Estate Law.** Designed to give the student a general background in the law of real property and the law of real estate brokerage. (3,3,0)
- BAD 2733 — Real Estate Finance.** A study of principles and methods of financing real estate, sources of funds, types and contents of financing instruments, and the role of various institutions, both private and governmental. (3,3,0)
- BAD 2743 — Real Estate Appraisal I.** An introductory course. Includes purpose of appraisal, methods, and techniques to determine the value of the various types of property. Emphasis on residential and single unit property. Prerequisite: BAD 2713 or Real Estate Sales or Broker License. (3,3,0)
- BAD 2753 — Real Estate Appraisal II.** Emphasis placed on income approaches to real estate valuation. Prerequisite: BAD 2743 Real Estate Appraisal I. (3,3,0)
- BAD 2763 — Property Management.** This course deals with the nature of real property management. The major functions of property managers are covered including the legal, interpersonal, maintenance, accounting, and administrative functions. Specific practices and problems are covered. (3,3,0)

CHEMISTRY (CHE)

- CHE 1214 — General Chemistry I.** A mathematical approach to the basis of Chemistry. Measurement stoichiometry, solution stoichiometry, gas laws, thermochemistry, periodic table and bonding are studied. Prerequisites: The student must meet one or more of the following requirements: (1) completed CHE 1314, (2) completed one year of high school chemistry and one year of algebra, (3) ACT composite of 19 and math score of 21, (4) satisfactory score on challenge exam. (4,3,2)
- CHE 1224 — General Chemistry II.** A continuation of CHE 1214 with emphasis on colligative properties, chemical kinetics, chemical equilibrium, acids and bases, entropy, electrochemistry, nuclear chemistry and organic chemistry. Prerequisite: CHE 1214. (4,3,2)
- CHE 1314 — Principles of Chemistry I.** A survey of inorganic principles designed for health science majors such as nursing or non-science majors requiring a laboratory science includes structures, bonding, electro chemistry, solutions and equilibrium. Prerequisite: Algebra. (4,3,2)
- CHE 1324 — Principles of Chemistry II.** Topics from organic chemistry and biochemistry including structures, bonding, nomenclature and reactions. Prerequisite: CHE 1314 or CHE 1214. (4,3,2)
- CHE 2425 — Organic Chemistry I.** An introductory study of organic chemistry and aliphatic compounds and derivatives. Prerequisite: CHE 1214 and 1224. (5,3,4)
- CHE 2435 — Organic Chemistry II.** This course is a continuation of CHE 2425. Further study is made of aromatic compounds and their derivatives. (5,3,4)

COMPUTER SCIENCE (CSC)

- CSC 1113 — Introduction to Computer Concepts.** This basic course advances concepts, terminology, and theory of modern computers and provides a background in programming languages. (3,3,0)
- CSC 1123 — Microcomputer Applications.** (Name of package will be indicated.) Designed to teach the use of a major application package(s) as used on microcomputers in business, education and other environments. (3,3,0)
- CSC 1213 — BASIC Programming I.** A course with emphasis on the structure of the basic programming language. (3,3,0)
- CSC 1223 — BASIC Programming II.** Advanced programming concepts using the basic language with emphasis on structured programming. Functions, subroutines, single and multi-dimensional arrays, search and sort algorithms, sequential and random access external file management. Prerequisites: CSC 1213 and MAT 1233 or equivalent. (3,3,0)

- CSC 1313 — Fundamentals of FORTRAN.** This course is an application of internally stored digital computers to business problems through the use of the FORTRAN language. Prerequisite: MAT 1313. (3,3,0)
- CSC 1613 — Computer Programming I.** Introduction to problem solving methods and algorithm development; designing, debugging, and documentation in a high level language with a variety of applications. (3,3,0)
- CSC 2323 — FORTRAN Programming and Applications.** This course is primarily for engineering, mathematics and science majors. Emphasis is on the structure of the FORTRAN language and its applications to problems in engineering, mathematics and sciences. Prerequisite: MAT 1613 or permission of instructor. (3,3,0)
- CSC 2413 — COBOL Programming.** Includes the structures, data bases, and operating systems. Applications place particular emphasis on business systems and operations.
- CSC 2623 — Computer Programming II.** Continued program development and algorithm analysis; search/sort methods; simple data structure, designing, and debugging larger programs using the Pascal language. Prerequisite: Computer Programming I. (3,3,0)
- CSC 2813 — RPG II Programming.** The first phase of the course teaches computer concepts. Flowcharting, and theory of modern computers. Emphasis is on the second phase which teaches RPG II (Report Program Generator) programming, including program efficiency, validity, checking of data, and table handling, and its application to a variety of problems. (3,3,0)

CRIMINAL JUSTICE (CRJ)

- CRJ 1313 — Introduction to Law Enforcement and Criminal Justice.** History, development, philosophy and constitutional aspects of law enforcement in a democratic society; introduction to and survey of the agencies and processes, purposes and functions involved in the administration of criminal justice. (3,3,0)
- CRJ 1323 — Police Organization and Administration I.** Introduction to principles of organization and management as applied to law enforcement agencies; introduction to concepts or organizational behavior, administration of staff units, personnel recruitment, training, and discipline with relationship of agencies and the public. (3,3,0)
- CRJ 1333 — Police Organization and Administration II.** Study of the line activities of law enforcement agencies with emphasis on the patrol functions and the prevention of crime, includes traffic investigations, juvenile, vice and other specialized units. (3,3,0)
- CRJ 1353 — Internship in Law Enforcement.** Internship in an approved law enforcement or correctional agency under supervision of the agency con-

cerned and school instructor. Written report required of student and written evaluation of student made by agency furnishing training. (3,3,0)

CRJ 1363 — Introduction to Corrections. This course is intended to give the student an overview of the correctional field: its origins, historical and philosophical background, development, current status, relationship with other facets of the criminal justice system and future prospects. (3,3,0)

CRJ 2323 — Criminal Law-Evidence. Criminal evidence for the law enforcement officer furnishing a practical insight into the rules of evidence; kinds of degrees; and considerations governing the admissibility of evidence in court. (3,3,0)

CRJ 2333 — Criminal Investigation I. Principles involved in the investigation of crimes; crime scene searches and care of evidence; surveillance and undercover work; interrogation of victims, witnesses and suspects; obtaining confessions and written statements; and report writing. (3,3,0)

CRJ 2343 — Criminal Investigation II. Use of scientific techniques in investigation; investigate problems in major crimes; arrests, apprehension and raids; fingerprinting, rules of evidence and testifying in court. CRJ 2333 prerequisite. (3,3,0)

CRJ 2413 — Administration of Criminal Justice. A study of the legal concepts and procedures, including laws of arrest and search warrant procedure, beginning with issuance of legal process to ultimate dispositions, including information, indictments, arraignments, preliminary hearings, bail, juries and the trial. (3,3,0)

CRJ 2513 — Law Enforcement and the Juvenile. The role of police in juvenile delinquency and control. The organization, functions and jurisdiction of juvenile agencies; the processing and detention of juveniles; juvenile care disposition and juvenile statutes and court procedures. (3,3,0)

ECONOMICS (ECO)

ECO 2113 — Principles of Economics I. This course is an analysis of the basic economic principles and problems in our American capitalistic economic system. It is an introduction to macro-economics with reference to production, distribution, exchange, and consumption with the study of the Federal Reserve System, monetary policy, employment, taxation, national income analysis, and the rudiments of supply and demand as they operate in our political economy. (3,3,0)

ECO 2123 — Principles of Economics II. This course places emphasis on micro-economics and on principles of economics in the study of the factors of production; land, labor, capital, and management and their returns; rent, wages, interest, and profit. Also included are the determination of values and prices, along with supply and demand, under pure competition, monopoly, land monopolistic competition, and an introduction of international trade and finance, economic growth, and the price level. (3,3,0)

EDUCATION (EDU)

- EDU 1311 — Orientation.** This course is designed to help the freshman adjust to college life. It includes a study of personal and social adjustments. It teaches effective study habits, reading methods, use of the library, note taking, and report writing, and gives the student guidance in collegiate life. (1,1,0)
- EDU 1323 — Career Education.** A course designed to assist students in determining career goals through self awareness and career/education information. Students are prepared for the world of work with personal management skills. (3,3,0)
- EDU 1413 — Improvement of Study: College Survival and Study Skills.** A college survival and study skills course designed to promote student success. Major emphases will be on study/learning skills including memory training and speaking/listening techniques, career development and decision making, self-esteem, critical thinking, and time management strategies.
- EDU 1812, 1822, 2812, 2822 — Leadership and Organizational Skills I, II, III, IV.** This course is primarily designed for Student Council members, student workers, resident assistants, and the student recruiting team. Its purpose is to teach leadership skills and give the student a better understanding of the overall operation of the college. Among the leadership skills to be taught are listening skills, time management, salesmanship, and information giving techniques. (2,1,2)
- EDU 1813 — Leadership Development.** A study of leadership styles and skills. Includes communication skills, time management, brain storming, leadership styles, group dynamics, planning and goal setting and practice of leadership skills. (3,3,0)
- EPY 2513 — Child Psychology.** (Human Growth and Development I). This is a study of the development of the child from the potential period through adolescence, including the physical, mental and social characteristics of the preschool child, and the major problems in child development. Prerequisite: PSY 1513. (3,3,0)
- EPY 2533 — Human Growth and Development.** A study of the growth and development of the human organism from conception through old age to death. Topics include changes in abilities and interests, social and emotional adjustments of each maturity level, and implications of growth and development to health professionals and others who work with people. Prerequisite: PSY 1513. (3,3,0)
- REA 1103 — Developmental Reading.** This course is designed to help students who demonstrate lack of proficiency in reading at the college level. Emphasis will be placed on developing basic reading skills, vocabulary, thinking, listening, and comprehension of sentences, paragraphs, and longer items. Additional lab work may be required. (3,3,0)

ENGLISH (ENG)

- ENG 1103 — Developmental English.** This course in writing stresses basic communication skills — writing sentences, paragraphs, outlines, summaries; reviewing grammar, usage, mechanics, and spelling; building vocabulary, and reading for ideas. Additional lab work may be required. (3,3,0)
- ENG 1113-1123 — English Composition.** These courses, basic requirements in any college curriculum, draw upon the areas of reading, writing, speaking and listening, vocabulary building, elementary research, literary genre, fiction, poetry, critical analysis, and drama. 1113 is a prerequisite to 1123. (ENG 1113 and 1123 or ENG 1213 or 1223 are prerequisite to sophomore level English courses). (3,3,0)
- ENG 1213 — Honors Composition I.** Course designed to develop the expository writing skills of academically talented students. Emphasizes logical thinking, objective analysis, clear organization of material, and precise writing. Enrollment by invitation. (3,3,0)
- ENG 1223 — Honors Composition II.** Course builds upon the skills acquired in first semester composition. Special attention is given to critical reading of selections from various literary genres, to written analyses based upon the selections, to using the library, and to documented research writing. Enrollment by invitation. (3,3,0)
- ENG 2133 — Creative Writing I.** This course is designed for the student interested in writing fiction, poetry, or informal essay and consists of readings practical writing experiences in these genres. (3,3,0)
- ENG 2143 — Creative Writing II.** A continuation of ENG 2133. (3,3,0)
- ENG 2153 — Traditional Grammar.** Primarily for elementary education majors, this course focuses on English fundamentals. Beginning with parts of speech, it covers basic sentence patterns, pronouns, troublesome verbs, subject-verb agreement, spelling, diction, punctuation and mechanics — all the aspects of traditional grammar that the elementary teacher may encounter in teaching language skills for children. (3,3,0)
- ENG 2213 — American Literature, A Survey.** The course is a survey of American literature from colonial times to the present, designed to develop an appreciation of our American heritage. (3,3,0)
- ENG 2323 — English Literature I.** The study involves a comprehensive treatment of leading authors, important works and chief literary types. The work is pursued chronologically, beginning the first semester with the old English period and extending into the Neo-Classical Age. (3,3,0)
- ENG 2333 — English Literature II.** The second semester continues with the Romantic Period, the Victorian Age and ends with the Modern Age. ENG 2323 is a prerequisite (3,3,0).

- ENG 2353 — Honors English Literature I.** Designed for students who have a special interest in English Literature and who have at least a "B" average in Freshman Composition. A survey of English beginning with the old English period and extending into the Neo-Classical Age. (Open through invitation only.) (3,3,0)
- ENG 2363 — Honors English Literature II.** Designed for students who have special interest in English Literature and who have at least a "B" average in Freshman Composition. A survey of English Literature from the age of Revolution and Romance to the present time. (Open through invitation only.) (3,3,0)
- ENG 2423 — World Literature I.** Selected writings of the Orient, Greece, Rome and Medieval Europe. (3,3,0)
- ENG 2433 — World Literature II.** A continuation of ENG 2423 selected European writings from the Renaissance to the present. (3,3,0)
- ENG 2453 — Honors World Literature I.** Designed for students who have a special interest in World Literature and who have at least a "B" average in Freshman Composition. A survey of selected writing of the Orient, Greece, Rome and Medieval Europe. (3,3,0)
- ENG 2463 — Honors World Literature II.** Designed for students who have a special interest in World Literature and who have at least a "B" average in Freshman Composition. A continuation of ENG 2453. Selected European writings from the Renaissance to the present. (3,3,0)

ENGINEERING (EGR)

- EGR 2413 — Engineering Mechanics I.** Prerequisite: Credit or enrollment in MAT 1623, Calculus II-A. Vector algebra, Newton's laws, equilibrium conditions for particles and rigid bodies; analysis of structures. (3,3,0)
- EGR 2433 — Engineering Mechanics II.** Prerequisite: EGR 2413 and credit or enrollment in MAT 2613, Calculus III-A. Vector calculus; Newton's laws; motion of particles and rigid bodies; work and energy. (3,3,0)

GEOGRAPHY (GEO)

- GEO 1123 — Principles of Geography.** This course deals with human adjustment to fundamental elements of geography such as climate, bodies of water, landforms, location and natural resources and how, with human adjustment to them, they help to shape world history. (3,3,0)

GRAPHICS AND DRAWING (GRA)

- GRA 1112 — Engineering Drawing.** Preliminary training in freehand drawing, the use of instruments, geometric construction, iso-metric and orthographic projection, section drawings and dimensioning. Preliminary and special lettering exercises are given. (2,0,4)

- GRA 1122 — Engineering Drawing.** This course offers advanced study of working, drawings, detail and assembly, requiring self-reliance in the selection of views, sheet layout and manner of representations. Neatness, accuracy and economy of time are stressed. (2,0,4)
- GRA 1143 — Graphic Communication.** This course consists of instrumental drawing, geometric construction, and orthographic projection; includes instruction in geometrical and graphical problems dealing with lines and planes in determining true relations of one element to another. Computer-assisted design and drafting problems are also included. (3,1,4)
- GRA 2253 — Descriptive Geometry.** This course deals with the proper representation of all elements and forms of geometrical and graphical problems and gives the methods of determining the true shapes, true size, and true relation of one element to another. (3,3,0)

HEALTH, PHYSICAL EDUCATION, AND RECREATION (HPR)

NOTE: Every student is required to take two hours of physical education. Students may, however, take additional semester hours of physical education as elective credit and are encouraged to do so. Students unable to take physical education courses may request a substitute. All students must wear appropriate dress for physical education classes. Physical education activity courses will earn one semester hour with academic credit. HPR 1591 and HPR 1751 will satisfy the two hour requirement at some universities.

- HPR 1213 — Personal Health.** The function of the human body as related to problems of health and disease. Designed to give the individual an understanding and awareness of modern, contemporary health issues as they affect adult life. (3,3,0)
- HPR 1313 — Introduction to Physical Education.** A complete survey is made of the history, objectives, methods, psychology and philosophy of physical education. (3,3,0)
- HPR 1591 — Health Concepts of Physical Activity.** A thorough investigation of contemporary health fitness concepts as they pertain to the individual student. This course contains three phases: (1) scientific information concerning values and preventative medical benefits of exercise, (2) individual (personal) evaluations and experiments to determine present health fitness, status; (3) development of a personal exercise program based on a student's needs. (1,1,0)
- HPR 1751 — Nutrition and Weight Control.** A survey course designed to expose the student to the importance and significance of nutrition in health and physical education, with emphasis on weight control through diet and therapeutic exercise. (1,1,0)

HPR 2211 — First Aid. This course is the standard first aid course of the American Red Cross. Emphasis is placed on preparing students in the knowledge and skills needed in preventing accidents as well as rendering aid to the sick and injured. Does not transfer to some colleges/universities to meet physical education requirements. (1,0,2)

HPR 2221 — Water Safety and Lifesaving. This is the American Red Cross lifeguarding course. The purpose of this course is to provide minimum skills training for a person to serve as a non-surf lifeguard. Red Cross certification (C-3416) will be awarded for successful completion. Prerequisite: Completed American Red Cross swimmer level course or have equivalent skills. (1,0,2)

HPR 2231 — Water Safety Instructor. Emphasis on knowledge and skills beyond the scope of lifeguard training, certifying personnel to conduct water safety courses in schools and communities. Prerequisite: HPR 2221, pass swimming test. (1,0,2)

HPR 2323 — Recreation Leadership. This course is an introduction to the history, principles, programs, opportunities and values of recreation. The contributions and responsibilities of community recreation departments and programs are described. Field work with local area recreation programs is an essential part of this course. (3,3,0)

Courses will be specified on the semester schedule and on the student's transcript.

HPR 1111, 1121, 2111, 2121 — General Activity Course. These courses include varied exercises and activities such as volleyball, etc. No lecture is involved. Not designed for physical education majors. (1,0,2)

HPR 1111 — Karate. Introductory course in the art and physical forms of Karate. For the beginning student of Karate, an overview of the history of the martial arts, philosophy and art forms of Karate. The course places emphasis on the principles of self discipline and self defense, as well as stressing the aspects of fitness and Karate training for its lifetime values. (1,0,2)

HPR 1111, 1121 — Marching Band. Participation and instruction in the production of marching band shows and parades. (1,0,2)

HPR 1131, 1141, 2131, 2141 — Varsity Sports. Participation in varsity sports. (1,0,2)

HPR 1511, 1521, 2511, 2521 — Team Sports. Lectures on rules and techniques. Participation in activities. (1,0,2)

HPR 1531, 1541, 2531, 2541 — Individual and Dual Sports. Lecture and participation in activities. (1,0,2)

HPR 1531 — Recreational Sports. A course designed to acquaint the student with the less vigorous individual and dual type recreational activities. Included will be a brief history, rules, etiquette of the activity, along with participation in the various activities, including ping-pong, horseshoes, deck tennis, darts, shuffleboard, etc. (1,0,2)

- HPR 1551, 1561, 2551, 2561 — Fitness and Conditioning Training.** Lecture and practice in body mechanics, weight training, or gymnastics. (1,0,2)
- HPR 1571, 1581, 2571, 2581 — Dance.** Lecture and participation in jazz, tap, modern, ballet, and dance exercise. (1,0,2)
- HPR 1711 — Sports Appreciation.** A survey course designed to develop spectator awareness and appreciation of the major spectator sports in our society today. Covering a brief history of the sport, rules, equipment and etiquette associated with the sport. Lecture and activity. (1,0,2)

HISTORY (HIS)

- HIS 1163 — World Civilization I.** A survey of man's struggle for civilization from early times to the Commercial Revolution and the New Society. Covers all major areas of the globe with all receiving appropriate attention. (3,3,0)
- HIS 1173 — World Civilization II.** A continuation of HIS 1163 from the Age of Absolutism through a survey of Modern World Problems. Emphasis again placed, as appropriate, on all areas of the world. (3,3,0)
- HIS 1183 — Honors World Civilization I.** This course is the same as HIS 1163 except in those areas such as projects, activities, etc. normally associated with Honors courses. (Open through invitation only.) (3,3,0)
- HIS 1193 — Honors World Civilization II.** This course duplicates HIS 1173 in content and contains those special projects and activities in Honors courses. (Open through invitation only.) (3,3,0)
- HIS 2213 — American History I.** This course is a survey of U.S. history from the period of discovery and exploration through Reconstruction. (3,3,0)
- HIS 2223 — American History II.** This course is a survey of U.S. history from Reconstruction to the present. (3,3,0)
- HIS 2243 — Honors American (U.S.) History I.** Survey of political, economic, and social developments to 1877. Special projects and recitations required. (Open through invitation only.) (3,3,0)
- HIS 2253 — Honors American (U.S.) History II.** Continued survey of political, economic, and social developments since 1877. Special projects and recitations required. (Open through invitation only.) (3,3,0)

HOME ECONOMICS (HEC)

- HEC 1253 — Nutrition.** This course is a study of nutrients required for normal growth, the selection of foods for ingestion metabolic processes of digestion, assimilation and absorption. Previous study in Biology recommended. (3,3,0)
- HEC 1131 — Introduction to Modeling.** One hour per week, first semester. A course designed to teach students, who are members of the Gulf Coast Models, all the fundamentals of visual poise together with modeling tech-

niques. Through this course, a student will not only learn basic rules for a model, but will also study the various fields of modeling and gain experience modeling and writing commentaries. (1,1,0)

HEC 1141 — Modeling. One hour per week, either semester, plus fashion shows and rehearsals. A course designed to practice modeling and to learn to be professional models. The students will perform in style shows and for various other audiences. Prerequisite: Introduction to Modeling. (1,1,0)

HUMANITIES (HUM)

HUM 1113 — Humanities I. A humanistic approach to man's and woman's creative achievements in music, art, literature, and philosophy in western civilization. (3,3,0)

HUM 1123 — Humanities II. A continuation of HUM 1113. (3,3,0)

HUM 1911 — Honors Forum I. One hour lecture. Interdisciplinary studies of selected issues confronting the individual and society. Discussion led by outstanding scholars, faculty and/or students. (Open through invitation only.) (1,1,0)

HUM 1921 — Honors Forum II. One hour lecture. Interdisciplinary studies of selected issues confronting the individual and society. Discussion led by outstanding scholars, faculty and/or students. (Open through invitation only.) (1,1,0)

HUM 2911 — Honors Forum III. One hour lecture. Interdisciplinary studies of selected issues confronting the individual and society. Discussion led by outstanding scholars, faculty and/or students. (Open through invitation only.) (1,1,0)

HUM 2921 — Honors Forum IV. One hour lecture. Interdisciplinary studies of selected issues confronting the individual and society. Discussion led by outstanding scholars, faculty and/or students. (Open through invitation only.) (1,1,0)

INDUSTRIAL EDUCATION AND INDUSTRIAL ARTS (IED)

IED 1213 — Woodwork I. This course is designed to develop basic skills, knowledge and an appreciation in the use and care of hand tools, using materials and products of wood construction. The student is required to make job plans and to construct useful articles of different materials that will develop skills in the use of hand tools and job analysis. (3,1,4)

IED 1223 — Woodwork II. This is a continuation of IED 1213 with an emphasis on the use of various power tools and the development of skill in planning, designing and finishing materials of wood. (3,1,4)

- IED 2313 — General Metal Work.** The purpose of this course is to acquaint the student with processes in different types of metal work and includes such items as: welding and burning with acetylene, arc welding, drilling and tapping metals, work on metal lathes, and forging and tempering of metals. Designed especially for industrial education majors, this course can be taken as an elective by anyone desiring knowledge in this area. (3,1,4)
- IED 1113 — Introduction to Vocational Education.** A course designed to develop an overview of vocational education. Emphasis is placed on methods of teaching, grading, and coordinating laboratory training projects with related studies. (3,3,0)
- IED 1123 — General Shop.** A course designed to acquaint students with the organization and administration of general shop programs. Attention will be given to program planning, equipment selection and safety. (3,3,0)
- IED 2413 — History and Appreciation of the Arts and Crafts.** A study of the development of vocational education in relation to instructional materials. (3,3,0)
- IED 2613 — Industrial Psychology.** Application of psychological principles and methods to industry emphasizing employee selection, placement, merit rating, training, human relations, and measurements and improvement of employee morale. (3,3,0)

JOURNALISM (JOU)

- JOU 1111 — College Publications.** This laboratory course is designed to give practical experience in working with the college newspaper or yearbook production. News, feature, and editorial writing, make-up and layout, editing, advertising and photography will be emphasized according to student need. (1,1,2)
- JOU 1121 — College Publications.** A continuation of JOU 1111.
- JOU 1313 — Introduction to Journalism.** A course designed to introduce basic principles and careers in mass communications with emphasis on the newspaper. (3,3,0)
- JOU 1223 — Basic News Reporting.** A course designed to teach news writing and editing with emphasis on news, features, sports and interview stories and editorials. (3,3,0)
- JOU 2111 — College Publications.** This laboratory course will include coverage of news events on campus, sports writing, and editorial writing. Advancement in skills in headline writing, copy editing, and make-up design will also be stressed. Admission by consent of instructor only.
- JOU 2121 — College Publications.** A continuation of JOU 2111.
- JOU 2513 — Beginning Photography.** An introduction to basic photography. Students learn to take pictures, process film and print pictures. No previous experience is required. (3,3,0)

JOU 2523 — Advanced Photography. Advanced camera and darkroom techniques. Emphasis is placed on the composition and use of photographs. Color film processing. Prerequisite: Beginning Photography or permission of the instructor. (3,3,0)

MATHEMATICS (MAT)

MAT 1103 — Developmental Mathematics. This course is designed to develop the mathematical concepts and techniques for a program in general education. The basic concepts of arithmetic are presented. Generally this course will be taken by those students who need remediation in basic mathematics. Additional lab work may be required. (3,3,0)

MAT 1213 — College Mathematics (Beginning Algebra). In this course the basic ideas of elementary algebra are presented, such as number systems, solving equations, simplifying polynomials, factoring algebraic expressions, and simplifying rational expressions. Generally, this course will be taken by those students who have mastered the fundamentals of mathematics but have taken no algebra in high school. Additional lab work may be required. (3,3,0)

MAT 1233 — Intermediate Algebra. The first course in basic college algebra begins with the fundamental concepts of mathematics, progresses through solutions of linear equations and introduces quadratic equations. (3,3,0)

MAT 1313 — College Algebra. A continuation of MAT 1233, it reviews quadratic equations and advance through more complex algebraic topics. Prerequisite: MAT 1233 or two years of high school algebra. (3,3,0)

MAT 1323 — Trigonometry. A course in college plane trigonometry with a brief introduction to some topics in analytic geometry. Prerequisite: Two years of high school algebra and one year of geometry or MAT 1313. (3,3,0)

MAT 1333 — Finite Mathematics. Sets, relations, functions, probability, graphs, logarithms, exponential, sequences, interest, matrices, inequalities, and linear programming with applications oriented toward business decision making and behavioral science. Prerequisite: MAT 1313. (3,3,0)

MAT 1513 — Business Calculus I. The basis of differential calculus with emphasis on applications of sets, functions, matrices, sequences and linear programming oriented to business applications. (3,3,0)

MAT 1613 — Calculus I-A. Three lectures. Analytic geometry, functions, limits, continuity, derivatives of algebraic and trigonometry functions, applications of the derivatives, anti-differentiation, the definite integral. Three semester hours. Prerequisites are two years of high school algebra and trigonometry or MAT 1313 and MAT 1323. MAT 1613 and MAT 1323 may be taken during the same semester. (3,3,0)

- MAT 1623 — Calculus II-A.** Three lectures. Applications of the definite integral, differentiation and integration of transcendental functions, and techniques of integration. Prerequisite: MAT 1613. (3,3,0)
- MAT 1653 — Honors Calculus I-A.** Coordinate systems, basic theorems of analytics, functions, limits, the derivative, the integral differentiation integration of algebraic functions, applications. (Open through invitation only.) (3,3,0)
- MAT 1663 — Honors Calculus II-A.** Differentiation and integration of transcendental functions, the definite integral, methods of integration, applications. (Open through invitation only.) (3,3,0)
- MAT 1723 — The Real Number System.** Structure and properties of the number system. Designed for students majoring in elementary education. (3,3,0)
- MAT 2113 — Introduction to Linear Algebra.** Calculus II. Vector spaces, matrices, linear transformations; systems of linear equations determinates; characteristic values and characteristic vectors.
- MAT 2613 — Calculus III-A.** Three lectures. Indeterminate forms, improper integrals, Taylor's formula, Polar coordinates, the conic sections, sequences and infinite series. Prerequisites: MAT 1623.
- MAT 2623 — Calculus IV-A.** Three lectures. Vectors, solid analytical geometry, differential calculus of several variables, multiple integration. Prerequisites: MAT 2613. (3,3,0)
- MAT 2913 — Differential Equations.** This course consists of the development and solutions of differential equations, some partial differential equations and solutions in series. Prerequisite: MAT 2623 or enrollment in MAT 2623. (3,3,0)

MODERN FOREIGN LANGUAGES (MFL)

- MFL 1113 — Elementary French I.** An oral-aural approach stressing conversation, pronunciation, comprehension, reading, writing and functional grammar, with emphasis on the practical aspects of the language. Language Laboratory is required. (3,3,0)
- MFL 1123 — Elementary French II.** Continuation of MFL 1113. Three lecture and one laboratory hour (optional) per week. Prerequisite: MFL 1113. (3,3,0)
- MFL 1213 — Elementary Spanish I.** An oral-aural approach stressing conversation, pronunciation, comprehension, reading and functional grammar with emphasis on the practical aspects of the language. A modern language laboratory is used extensively. (3,3,0)
- MFL 1223 — Elementary Spanish II.** Continuation of MFL 1213. One laboratory hour (optional) per week. Prerequisite: MFL 1213. (3,3,0)
- MFL 1313 — Elementary German I.** This course covers the fundamentals of grammar, conversation, and reading. Emphasis is not only on syntax but

also on vocabulary and pronunciation with practice in listening and speaking. (3,3,0)

MFL 1323 — Elementary German II. A continuation of MFL 1313. (3,3,0)

MFL 2113 — Intermediate French I. Continuation of MFL 1123. One laboratory hour (optional) per week. Prerequisite: MFL 1113 and 1123 or two years of high school French. (3,3,0)

MFL 2123 — Intermediate French II. Continuation of MFL 2113 with additional literary and cultural readings and compositions. Reviews of essential elements of grammar. One laboratory hour (optional) per week. Prerequisite: MFL 2113. (3,3,0)

MFL 2213 — Intermediate Spanish I. Continuation of MFL 1223. One laboratory hour (optional) per week. Prerequisite: MFL 1213 and 1223 or two years high school Spanish. (3,3,0)

MFL 2223 — Intermediate Spanish II. Continuation of 2213 with additional literary and cultural readings and compositions. Review of essential elements of grammar. One laboratory hour (optional) per week. Prerequisite: MFL 2213. (3,3,0)

MUSIC (MUA, MUO, MUS)

MUA 1171-1181 or 1172-1182 — Brass I, II. Private lessons in the fundamental techniques, reading and interpretation. Materials from standard repertoire are selected to suit individual needs. (1,½,0) (2,1,0)

MUA 1211, 1221 — Class Guitar I, II. Basic instruction in playing, ensemble work and accompanying. (1,1,0)

MUA 1362, 1372 — Organ I, II. Private lessons in fundamental techniques, reading and interpretation. Course is designed for music education majors but is not limited to those majors. Prerequisite: MUA 1511-21 or equivalent.

MUA 1471-1481 or 1472-1482 — Percussion I, II. Private lessons in the fundamental techniques, reading and interpretation. Materials from standard repertoire are selected to suit individual needs. (1,½,0) (2,1,0)

MUA 1511-1521 — Class Piano I, II. Class study in keyboard training is designed for students who have had no previous piano instruction. Fundamentals are taught through class participation and discussion, including the study of choral accompaniment, the art of accompanying, transposition, and training in ensemble. This plan may, upon arrangement with the instructor, be combined with one private lesson per week. (1,1,0)

MUA 1672, 1682 — Strings for Music Education Majors I, II. Private instruction in orchestral strings and guitar. Courses designed for music education majors but enrollment is not limited to those majors. (1,1,0)

MUA 2511-2521 — Class Piano III, IV. A continuation of MUA 1511-1521. (1,1,0)

- MUA 1571-1581 or 1572-1582 — Piano I, II.** Private lessons include the fundamental techniques, reading and interpretation. Compositions are selected to suit the individual's background and ability. (1,½,0) (2,1,0)
- MUA 1611-1621 — Class Strings I, II.** Basic instruction in playing orchestral string instruments. Ensemble work. Open to all students. (1,1,0)
- MUA 1712-1722 — Class Voice I, II.** This course open to all students is designed for the beginning student of voice and will give a general knowledge of the principles of good singing. (2,2,0)
- MUA 1771-1781 or 1772-1782 — Voice I, II.** Private lessons include fundamentals of breath control, tone placement, voice building, flexibility and enunciation. Song literature of the classic and modern schools is given to build musicianship and a sense of style. (1,½,0) (2,1,0)
- MUA 1871-1881 or 1872-1882 — Woodwinds I, II.** Private lessons in the fundamental techniques, reading and interpretation. Materials from standard repertoire are selected to suit individual needs. (1,½,0) (2,1,0)
- MUA 2171-2181 or 2172-2182 — Brass III, IV.** A continuation of MUA 1182 using materials of a more advanced nature. (1,½,0) (2,1,0)
- MUA 2211-2221 — Class Guitar III & IV.** Continuation of Class Guitar I & II.
- MUA 2471-2481 or 2472-2482 — Percussion III, IV.** A continuation of MUA 1482 using materials of a more advanced nature. (1,½,0) (2,1,0)
- MUA 2571-2581 or 2572-2582 — Piano III, IV.** A continuation of MUA 1582 with selections from the masterpieces of classical, romantic and modern composers as well as continued work on technical and interpretative skills. (1,½,0) (2,1,0)
- MUA 2611-2621 — Class Strings III & IV.** Continuation of Class Strings II.
- MUA 2672-2682 — Strings for Music Education Majors III, IV.** Continuation of MUA 1682 using materials of a more advanced nature. (1,1,0)
- MUA 2771-2781 or 2772-2782 — Voice III, IV.** A continuation of MUA 2782 with materials including arias from standard operas and oratorios. (1,½,0) (2,1,0)
- MUA 2871-2881 or 2872-2882 — Woodwinds III, IV.** A continuation of MUA 1882 using materials of a more advanced nature. (1,½,0) (2,1,0)
- MUO 1111-1121 — Band I, II.** The college band is open to any student displaying adequate technique. Its purpose is to provide color and atmosphere to athletic and community events as well as to develop skills and an understanding of music literature. (1,1,0)
- MUO 1141-1151 — Small Band Groups.** The study and performance of ensemble literature for appropriate combinations of all instruments. Open to all students by audition. (1,1,0)

- MUO 1211-1221 — Choir I, II.** Mixed choir is open by audition to all students. It develops an understanding and appreciation of music through active participation, as well as enhancing the cultural environment of the college community through concerts and special performances. (1,1,0)
- MUO 1241-1251 — Small Singing Groups.** The study and performance of ensemble literature. Open to all students by audition. (1,1,0)
- MUO 2111-2121 — Band III, IV.** A continuation of MUO 1121. (1,1,0)
- MUO 2141-2151 — Small Band Groups.** A continuation of MUO 1141-1151. (1,1,0)
- MUO 2211-2221 — Choir III, IV.** A continuation of MUO 1221. (1,1,0)
- MUO 2241-2251 — Small Singing Groups.** A continuation of MUO 1241-1251. (1,1,0)
- MUS 1133 — Fundamentals of Music.** This course is designed for the non-music major. It provides the student with a basic knowledge of notation, scales and keys, rhythm, triads and their inversions, sight-reading and ear training. (3,3,0)
- MUS 1113 — Music Appreciation.** This is primarily a music listening course designed to illustrate the functional aspects of music in education and everyday living. (3,3,0)
- MUS 1214-1224 — Music Theory I, II.** A study of elementary materials of music through part writings, aural dictation, sight-singing and keyboard work. (4,3,2) Prerequisite: MUA 1214
- MUS 2214-2224 — Music Theory III, IV.** A continuation of MUS 1224 with emphasis on chromatic harmony and the analysis of standard work in varied styles. The last semester deals extensively with twentieth-century techniques. (4,3,2) Prerequisites: MUA 1224 and MUA 2214
- MUS 2313-2323 — Music History I, II.** The development of music is traced, beginning with primitive nations; early Christian liturgy; the development of polyphony; the rise of opera, oratorio and cantata; the Baroque, Classical, and Romantic eras as well as trends in modern musical composition. (3,3,0)
- MUS 2413-2423 — Music Literature I, II.** A listening course in the appreciation and understanding of music, including the study of compositional styles, the sociological influences upon composers and their works, and an understanding of music as an art. (3,3,0)
- MUS 2513-2523 — Music for Children I, II.** A study of the fundamentals of music, including sight-reading and terminology. The second semester is devoted to a study of methods, principles, and materials for the teaching of music in the elementary school. The course is designed for elementary music education majors but not limited to those majors. (3,3,0)

PHILOSOPHY AND BIBLE (PHI)

- PHI 1113 — Old Testament Survey.** This course is designed to give the student a basic foundation in the study of the Old Testament. Attention is given to the historical setting of each book with emphasis on Hebrew custom and ritual. Some time is spent teaching the importance of the Old Testament in an understanding of the New Testament and fundamental principles of interpretation. (3,3,0)
- PHI 1133 — New Testament Survey.** This study is for the purpose of giving the student a working knowledge and appreciation of the New Testament. It is basically a lecture course using the Bible as the text. Some attention is given to the writing, preservation, and translation of the Scripture; the historical and geographical setting of each book; and the development of the Christian movement in the First Century. (3,3,0)
- PHI 1153 — The Life of Christ.** This course is a complete study of the life of Christ as recorded in the Four Gospels (Matthew, Mark, Luke, and John) including a background study of the geographical, political, and social conditions of the world in Christ's day, His birth, His ministry, His teachings, His disciples, His death and resurrection, and influence upon the world. (3,3,0)
- PHI 1163 — Acts and Epistles.** This course deals in detail with the life of the Apostle Paul as recorded in the book of Acts and with each of the Epistles which he wrote. Major attention is given to Paul's three missionary journeys. (3,3,0)
- PHI 2113 — Introduction to Philosophy.** This course is designed to expose the students to the fundamental questions, ideas, and methods of thought of great thinkers and to aid the student in building a constructive personal philosophy of life. (3,3,0)
- PHI 2153 — Honors Introduction to Philosophy.** An introduction to systematic and philosophical thinking and study of significant men and trends of philosophy both past and present. The emphasis is on learning how to think properly and how to come to grips with "proper" thinking of great philosophers. (Open through invitation only.) (3,3,0)

PHYSICAL SCIENCE AND PHYSICS (PHY)

- PHY 2244 — Physical Science Survey I.** A laboratory course in basic principles of descriptive astronomy and elementary physics. Designed for non-science majors and will not generally be credited toward a major or minor in physical science. (4,3,2)
- PHY 2254 — Physical Science Survey II.** An introductory laboratory study of chemistry and of basic geologic principles. Designed for non-science majors and will not generally be credited toward a major or minor in physical science. PHY 2243 is not a prerequisite of PHY 2253. (4,3,2)

PHY 2414 — General Physics I. This course presents the fundamental principles, definitions and terms of mechanics, heat and sound. Prerequisite: College algebra and trigonometry or special consent of instructor. (4,3,2)

PHY 2424 — General Physics II. A continuation of PHY 2414, dealing with the fundamental principles of light, electricity and magnetism. (4,3,2)

PHY 2514 — General Physics I with Calculus. Mechanics, heat and sound taught from a calculus viewpoint. Recommended for physics, mathematics, chemistry, and pre-engineering majors. Corequisite: MAT 1613. (4,3,2)

PHY 2524 — General Physics II with Calculus. Electricity, magnetism, and light taught from a calculus viewpoint. Prerequisite: General Physics with Calculus I. (4,3,2)

POLITICAL SCIENCE (PSC)

PSC 1113 — American Government. This course is designed to familiarize the student with the development, organization, principles, and operation of the Federal Government. The course of study includes familiarizing the student with political parties and their roles in government, election machinery, civil rights and how they are protected, and the ways in which the votes influence the direction of our American Government. (3,3,0)

PSC 1153 — Honors American Government. Survey of the organizations and political aspects of basis for American Government. (Open through invitation only.) (3,3,0)

PSYCHOLOGY (PSY)

PSY 1513 — General Psychology. This course is designed to give the student a broad understanding of human development from birth. A study of the motivating factors of human behavior is emphasized. (3,3,0)

SOCIOLOGY (SOC)

SOC 2113 — Introduction to Sociology. This course is designed to give the student an introduction to sociology and its development. Emphasis is placed on how culture is built and how customs and behavior patterns are developed and the functions and importance of social institutions. (3,3,0)

SOC 2143 — Marriage and Family. A course designed to analyze current problems in courtship, engagement, and early years of marriage and identify the factors that contribute to success and happiness in marriage. (3,3,0)

SOC 2213 — Introductory Anthropology. A survey of major fields and basic principles in the comparative study of mankind. (3,3,0)

SPEECH AND THEATRE (SPT)

- SPT 1113 — Oral Communication.** The basic principles of effective speech preparation and delivery are emphasized, and the student applies these techniques in practical speaking experiences. Speeches to inform and instruct, to convince and persuade, to stimulate and entertain, and speeches for social occasions are a part of the course. (3,3,0)
- SPT 1123 — Debate.** This course offers the basic principles in debate and argumentative speaking with practical application of these principles in both areas. Actual tournament experience is required. (3,3,0)
- SPT 1131 — Forensics I.** Forensics is an activity course in public speaking which includes: oratory, declamation, oral interpretation, extemporaneous speaking and debate. Students participate in intercollegiate forensic contest and debate tournaments. (1,1,0)
- SPT 1141 — Forensics II.** A continuation of SPT 1131. (1,1,0)
- SPT 1153 — Voice and Diction.** Extensive study in improving voice; pronunciation, and vocabulary in order to communicate more effectively in everyday situations. This course is designed to benefit any student and specifically those students majoring in education, law, religion and related areas. (3,3,0)
- SPT 1413 — Television Communication.** The purpose of this course is two-fold: first, to give the student an understanding of the media so that he or she will become more appreciative and critical of television in the communication process; second, to give the student practical applications in commercial and educational television techniques. This course will be particularly valuable to education, language arts, speech and drama, art, social science, pre-law, philosophy, and radio/television students. (3,2,2)
- SPT 1222 — Movement for the Actor.** Technique for stage movement for the actor. (2,2,0)
- SPT 1233 — Fundamentals of Acting.** General education approach to the art of acting, stressing basic techniques with emphasis on motivation for movement. Laboratory periods in play production. (3,3,0)
- SPT 1241 — Drama Production.** First one-hour course in the sequence of possible four, which requires participation in the college production for that semester. (1,1,0)
- SPT 1251 — Drama Production.** Second one-hour course, in the sequence of possible four, which requires participation in the college production for that semester. (1,1,0)
- SPT 1273 — Theatrical Makeup.** Techniques in the application of makeup for the stage. (3,3,0)
- SPT 2111 — Contest Speech I.** Offered to students interested in intercollegiate speech competition. (1,1,0)

- SPT 2121 — Contest Speech II.** A continuation of SPT 2111. (1,1,0)
- SPT 2163 — Public Speaking.** A course in the study of the forms of public speaking with stress placed upon the organization of materials and delivery techniques for extemporaneous speaking. (3,3,0)
- SPT 2233 — Theatre Appreciation.** This course is a general study of theatre. It covers theatre history, theories and forms, and dramatic criticism. This course will meet a fine arts requirement in a senior college. (3,3,0)
- SPT 2241 — Drama Production.** Third one-hour course, in the sequence of possible four, which requires participation in the college production for that semester. (1,1,0)
- SPT 2251 — Drama Production.** Fourth one-hour course, in the sequence of possible four, which requires participation in the college production for that semester. (1,1,0)
- SPT 2143 — Oral Interpretation.** The mechanics of the interpretation of prose and poetry selections are applied in the presentation of selections for criticism given by the students. Sometimes called oral reading, this knowledge of interpretation will increase the reader's appreciation of all types of literature. This course is recommended for English majors, education majors, ministerial students and pre-law students. (3,3,0)
- SPT 2223 — Introduction to Dramatic Arts (Stagecraft).** Stagecraft and lighting techniques. Students are required to participate in assigned plays. Laboratory in actual play production. (3,3,0)
- SPT 2263 — Fundamentals of Directing.** Fundamentals of directing, theatre productions. Students are required to participate in assigned plays. Laboratory in actual play production. (3,3,0)

OCCUPATIONAL EDUCATION PROGRAMS

The Mississippi Gulf Coast Community College's statement of mission and role of the total vocational, technical, and adult education program are:

- A. To provide vocational, technical, and adult education programs to students according to their needs, abilities, and interest regardless of race, sex, creed, national origin, and to otherwise qualified handicapped persons.
- B. To provide vocational, technical, and adult education programs to students that are occupationally specific for job opportunities in skilled occupations. (Diploma programs)
- C. To provide vocational, technical, and adult education programs to students for job opportunities in occupations that are technical and/or paraprofessional. (Associate Degree programs)
- D. To provide vocational, technical, and adult education programs to students which are industry specific for new and expanding industries and "state-of-the-art" instruction for employed persons.

Encompasses programs listed in Group VII and Group VIII.

GROUP VII: TECHNICAL

Occupational educational programs leading to MGCCC Associate of Applied Science degree.

ASSOCIATE DEGREE NURSING PROGRAM 7000

(Jefferson Davis and Jackson County Campuses)

The Associate Degree Nursing (ADN) program exists to prepare students to enter the health care delivery system as registered nurses. The program provides a gateway for entry into the health care system at the technical level of nursing. The program is based on the community college philosophy that each applicant who meets entry requirements should be given the opportunity to achieve this goal. Nursing practice incorporates clinical application of a broad base of knowledge and skill with utilization of the nursing process. Clinical experiences in various community health care agencies are incorporated into the nursing curriculum. These experiences are under the direction of college instructors of nursing and are selected to correlate nursing practice with current nursing theory. Evaluation of student competence occurs within the clinical area and within the base of knowledge and is conducted jointly by faculty and student at specific intervals.

Successful completion of the nursing program leads to the award of an Associate of Applied Science Degree and permits the student to apply to take the National Council Licensure Examination for Registered Nurses given by the State Board of Nursing. Permission to take the examination may be denied by the Board of Nursing for reasons which include, but are not limited to fraud/deceit in making application, felony or misdemeanor convictions or charges pending in any state, and drug or alcohol misuse.

In addition to regular college tuition and fees, ADN students have other expenses for such things as uniforms, workbooks, nursing achievement tests,

professional liability insurance, and fees for licensing exam. Students in the program are responsible for their own transportation to and from clinical agencies. Students are obligated to abide by the policies and procedures of the clinical agencies to which they are assigned. Evening clinical rotations may be required. ADN students must be full time students.

It is recommended that students work closely with their advisor to ensure they maintain full-time status. Students must follow the college catalog and ADN policies in effect at the time they enter/re-enter the nursing program. The college reserves the right to change policies as necessary and written notification to pre-nursing/nursing students is sufficient to effect policy change.

ADMISSION PROCEDURES:

All applicants are required to take the American College Test (ACT) and must meet the general admission requirements of the college.

REQUIREMENTS:

To be considered for admission to the Associate Degree Nursing Program, an applicant must:

- (1) Make application and be accepted to Mississippi Gulf Coast Community College.
 - (2) Make a separate application to the Associate Degree Nursing Program upon completion of eligibility requirements.
 - (3) File copies of ACT scores and official transcripts of all college work in the Office of Admissions.
 - (4) Possess a cumulative Grade Point Average (GPA) of 2.0 or higher on all college work completed and a 2.0 GPA on required courses for the nursing degree. If no college work has been completed, a high school grade point average of 2.5 or higher (or satisfactory scores on the GED) is required.
 - (5) Achieve a composite score of 18 or higher on the enhanced version of American College Test (ACT) or a 15 or higher on the ACT taken prior to October, 1989. (See #6 below.)
 - (6) If ACT composite score is less than 18 on the enhanced version or less than 15 on the previous version, applicant must successfully complete all academic support courses required in the nursing program (except microbiology**) with a GPA of 2.5 before being considered for admission.
- **Microbiology (BIO 2924) may be taken along with NUP 1107, but must be taken prior to NUP 2312.
- (7) Credit for Anatomy and Physiology I and II (BIO 2514 and 2524) and Microbiology (BIO 2924) will be accepted only if completed within the last five years. A grade of "C" or better in each is required.
 - (8) Upon notification of admission to the ADN program, applicant must obtain a physical examination and provide proof of current immunizations against Tetanus, Rubella and Red Measles.

READMISSION/TRANSFER:

Readmission/transfer to the program is in accordance with the ADN Policy on Readmission and is determined on an individual merit.

SELECTION PROCESS:

Students are selected for admission to the Associate Degree Nursing Program twice a year either for the August class or the January class. Acceptance of applications and enrollments in any given class are limited. Qualified applicants are selected for a particular class based on available space and on the earliest validated completed admission file according to the required criteria. Qualified applicants selected but unable to attend a particular class will be given priority one time only for the next available class. Within two weeks following notification of their admission status, applicants must notify the ADN Chairperson in writing regarding their desire to enter the next available class. Students who fail to comply with this requirement risk forfeiting their priority status.

PROMOTION POLICIES:

All students in the ADN Program must earn at least seventy-three (73) academic semester hours with a GPA of 2.0 on all academic hours in order to graduate. A grade of at least a "C" is required in all nursing courses and biological science courses in order to continue in nursing. The faculty of the Associate Degree Nursing Program recommends for progression and continuation only those students who in the judgment of the faculty satisfy the requirements and aptitude for nursing. Whenever a student's performance is not consistent with safe nursing practice, the student may be asked to withdraw. Any student who fails or withdraws from a nursing course may reapply under the guidelines of the ADN Policy for Readmission of Students. Students are allowed two readmissions: one to NUP 1107, NUP 1212, or NUP 2312 and one to NUP 2412.

Associate Degree Nursing 7000

FRESHMAN YEAR		SEMESTER HOURS
1st Semester		
NUP 1107	Nursing Process I	7
*BIO 2514	Anatomy and Physiology I	4
ENG 1113	English Composition I.....	3
PSY 1513	General Psychology	<u>3</u>
		17
2nd Semester		
NUP 1212	Nursing Process II	12
*BIO 2524	Anatomy and Physiology II	<u>4</u>
		16
Summer Session		
*BIO 2924	Microbiology	4
EPY 2533	Human Growth and Development	3
SOC 2113	Introduction to Sociology	<u>3</u>
		10

SOPHOMORE YEAR

		1st Semester	
NUP 2312	Nursing Process III.....		12
ENG 1123	English Composition II.....		3
			15
		2nd Semester	
NUP 2412	Nursing Process IV.....		12
SPT 1113	Oral Communication.....		3
			15

TOTAL: 73 Semester Hours

*BIO 1134 (General Biology I) is a science prerequisite to BIO 2514, 2524, and BIO 2924.

NUP 1107 — Nursing Process I. This course is designed to focus on the beginning study in the utilization of the nursing process. The student is provided with opportunities to develop the ability to interpret the needs of each person through observation and communication. The nursing process, the needs of the individual on the wellness-illness continuum, self care abilities, individual involvement in teaching-learning process, legal and ethical variables which influence the nursing process, and concepts of interpersonal and intrapersonal relationship are introduced and correlated throughout the program. The nursing skills emphasized are those which assist in meeting the basic biopsychosocial needs of the patient/client. Prerequisites: Admission to the program. Corequisites: BIO 2514 and PSY 1513. (7,4,6)

NUP 1212 — Nursing Process II. This course is designed to focus on the biopsychosocial needs of the adult. The nursing process is utilized with adults experiencing physical problems which interfere with the individual's attainment of basic human needs. Emphasis is placed on the care of patients/clients with commonly-occurring health problems in selected settings. Effective communication is emphasized as a therapeutic tool to assist in a better understanding of self. Prerequisites: NUP 1107. Co-requisites: BIO 2524. (12,6,12)

NUP 2312 — Nursing Process III. This course is designed to correlate a study of and care of the family during the child-bearing and child-rearing cycles. Emphasis is placed on the nursing process, wellness-illness continuum, concepts of communication, the development cycle, and self-care capabilities of the individual within the family and community. Prerequisites: NUP 1212; BIO 2924; and EPY 2533. (12,6,12)

NUP 2412 — Nursing Process IV. This course is designed to focus on the biopsychosocial needs of adults. It builds on previous concepts and increases the student's ability to utilize the nursing process with patients/clients experiencing physical and emotional problems which interfere with the individual's self-care capabilities. Emphasis is placed on caring for multiple patients/clients with complex, commonly-occurring health problems. Therapeutic communication and the role of the technical nurse within the health team in management of patient care are emphasized. Prerequisites: NUP 2312. (12,6,12)

AUTOMATED MANUFACTURING TECHNOLOGY 7182

(Jackson County Campus)

Automated Manufacturing Technology is a new career field brought about by the increasing use of automated equipment in manufacturing. In this program, you will receive broad-based training in the manufacturing process and essential knowledge of electrical/electronic, mechanical, pneumatic and hydraulic systems and computer programming. When you graduate you will be able to integrate these systems into a manufacturing process and will be able to maintain, program, troubleshoot and service automated manufacturing equipment. You will be qualified to work with CNC (computer numerical control) equipment, pick-and-place and assembly robots, automated conveyor belts, warehousing and other sophisticated manufacturing equipment and systems.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113	English Composition.....	3	
MAT 1313	College Algebra.....	3	
ET 1004	Basic Electricity.....	4	
TAM 1013	Manufacturing Processes	3	
TAM 1023	Principles of Automation I	3	
MAT 1323	Trigonometry		3
PHY 2414	General Physics I		4
TAM 1033	Principles of Automation II		3
TAM 1043	Introduction to Robotics		3
ET 1013	Introduction to Electronics		3
SUMMER			
TAM 1153	Systems Programming I.....	3	
TAM 1163	Principles of Production		
	Management and Economics.....	3	
TAM 1173	Control Devices I	3	
RT 1073	Technical Drawing	3	
SOPHOMORE YEAR			
TAM 2113	Systems Programming II.....	3	
TAM 2123	Control Devices II	3	
PHY 2424	General Physics II	4	
TAM 2133	Data Acquisition.....	3	
	Elective (Fine Arts)	3	
TAM 2162	Industrial Safety		2
TAM 2143	Statistical Process Control		3
TAM 2158	Flexible Manufacturing Systems.....		8
	Elective (Restrictive)*		3

*Elective to be selected from social or behavioral science.

TAM 1013 — Manufacturing Processes. A basic study of manufacturing processes including organization, material handling, forming, joining, cleaning, testing basic machinery operations. (3,2,2)

TAM 1023 — Principles of Automated Systems I. Beginning with an overview of automation and its history, this course provides basic study in require-

ments for automation and subsystem technology such as electrical, hydraulic, pneumatic, and electronic. (3,2,2)

TAM 1033 — Principles of Automated Systems II. Continuation of TAM 1023 and includes studies and lab work including the application, operation, and diagnostics of subsystems using electronic sensors, optical encoders, and programmable controllers integrated with hydraulics, pneumatics, and other electro-mechanical subsystems. (3,2,2)

TAM 1043 — Introduction to Robotics. Course deals with the specific details of robot systems technology. Beginning with basic concepts, lecture and lab work enables the student to develop hands-on experience in the systems operation, application programming, diagnostics, and safety of industrial grade robot machines. (3,2,2)

TAM 1153 — Systems Programming I. A study of basic concepts of a programmable systems proceeding through algorithmics and flow charting of programmable processes into programming structure of the processes. Instruction in the mechanics of binary and hexadecimal numbering systems. Lab covers the basics of the MS/DOS operating system and programming techniques in machine language. (3,2,2)

TAM 1163 — Principles of Production Management and Economics. This course introduces concepts in production management and control. Included are topics in layout planning, elements of production management information systems, inventory control fundamentals and applications, fundamentals of Material Requirements Planning Systems and fundamentals of project planning and scheduling. (3,3,0)

TAM 1173 — Control Devices I. A study of the electromechanical devices, circuits and systems used for control purposes in industry. (3,2,2)

TAM 2113 — Systems Programming II. Continuation of TAM 1043 and includes advanced instruction and lab projects in computer operating systems, machine language, and structured programming techniques with emphasis on the control languages implemented in the automation laboratory. (3,2,2)

TAM 2123 — Control Devices II. A continuation of TAM 2113 and includes an in depth study of hydraulic, pneumatic and electrical systems and techniques in troubleshooting and maintaining control systems. (3,2,3)

TAM 2133 — Data Acquisitions and Communications. This is an advanced course in acquisition, communication, and processing of systems data in automated applications. Study includes advanced sensor subsystems, digital data communications and subsystem interfacing with host computer systems. (3,2,2)

TAM 2143 — Statistical Process Control. This course is designed to teach the basics in quality control and the use of computerized statistical process for analysis in the quality control function. (3,2,2)

TAM 2158 — Flexible Manufacturing Systems. This is a lecture/lab project oriented course which allows the student to develop a manufacturing project from product concept, through system configuration and programming, to production. (8,2,12)

TAM 2162 — Industrial Safety. Personal and team safety; safe use of hand and power tools of the trade; testing procedures; dress and habits; handling of materials; use of firefighting equipment; administering first aid. (2,2,0)

HUMAN SERVICES ASSOCIATE DEGREE PROGRAM 7010

(Jackson County Campus)

The Human Services student has the option of entering the work force upon completion of the associate degree. If the student elects to transfer to an upper division school he/she must counsel with the Human Services instructor. The course work and 180 hours of field experience will enable the student to function in mental health, social service and education.

FRESHMAN YEAR		SEMESTER HOURS
	1st Semester	
HUS 1143	Seminar I	3
HUS 1113	Human Services I	3
ENG 1113	English Composition.....	3
PSY 1513	General Psychology	3
HIS 2213	History	3
HPR 1591	Concepts in Physical Fitness	<u>1</u>
		16
	2nd Semester	
HUS 1123	Human Services II	3
ENG 1123	English Composition.....	3
HPR 1213	Personal Hygiene	3
SOC 2113	Sociology	3
HPR 1751	Nutrition for Living	1
HUS 1133	Social Problems	<u>3</u>
		16
SOPHOMORE YEAR		
	1st Semester	
HUS 2123	Seminar II	3
HUS 2113	Human Services III.....	3
PSC 1113	Government.....	3
EPY 2513	Child Growth and Development.....	3
BAD 2533	Business Management and Microcomputers	3
MAT 1213 or	College Mathematics (Beginning Algebra) or	
MAT 1233	Intermediate Algebra	<u>3</u>
		18
	2nd Semester	
HUS 2133	Human Services IV	3
PSY 2553	Psychology of Personal Adjustment.....	3
	Elective	3
	Elective, Restricted	3
SPT 1113	Oral Communication.....	<u>3</u>
		15
TOTAL: 64 hours		

Electives should be chosen upon approval of Human Service Program Instructor. Restricted elective to be chosen from science or mathematics (BIO 1133, PHY 2243, MAT 1313).

- HUS 1113 — Human Services I.** This course is designed to enable students to gain knowledge of the history of Human Services; understand the present Human Services concepts; identify varying roles of the HUS worker and understand contemporary strategies in the helping professions; develop skills in problem assessment and in determining appropriate responses to client needs; understand ethics and the law as they relate to the helping professions. (3,3,0)
- HUS 1123 — Human Services II.** The course covers self-concept, listening skills, verbal and nonverbal communication, skills to help resolve interpersonal conflict, and skills in self-understanding and acceptance. (3,3,0)
- HUS 1133 — Social Problems.** A study of the nature, scope, and effects of the social problems of today and the theoretical preventive measures to alleviate them. Course includes such problems as unemployment, urbanization, crime, juvenile delinquency, alcoholism, drug addiction, and disaster; family problems include the aged, mentally ill, and retarded. Field trips to more fully acquaint students with social problems. (3,3,0)
- HUS 1143 — Seminar I.** This course is designed to assist the student in recognizing the reality of interconnection and the need for a holistic approach in meeting personal and societal needs. Students are required to complete 60 hours of field work in an appropriate agency. (3,1,4)
- HUS 2111 — Seminar II.** This seminar is designed to assist students to become more effective as members of groups which interact with community change processes; analyze the ways groups operate; learn to organize successful meetings; learn to use tension creatively; learn how to utilize action planning and evaluation; develop group leadership skills; develop skill in making referrals to and counseling with other community agencies; and stay abreast of current social issues which affect the community. (1,1,0)
- HUS 2113 — Human Services III.** This class is designed to enable the student to effectively use interviewing skills, (i.e., open-ended questions, clarification, reflection, silence, interpretation, summarization, body language, etc.) with normal and disturbed persons; demonstrate appropriate interpersonal skills for one-to-one helping relationships (genuineness, accurate empathy, non-possessive warmth, establishing rapport, constructive confrontation); and demonstrate skill in keeping clinical records and in keeping simple statistics. (3,3,0)
- HUS 2123 — Seminar II.** This seminar is designed to assist students to become more effective as members of groups which interact with community change processes; analyze the ways groups operate; learn to organize successful meetings; learn to use tension creatively; learn how to utilize action planning and evaluation; develop group leadership skills; develop skill in making referrals to and counseling with other community agencies; and stay abreast of current social issues which affect the community. Students are required to complete 60 hours of field work in an appropriate agency. (3,1,4)
- HUS 2133 — Human Services IV.** This class is designed to expose students to conflicting views on major controversial social issues; to assist them in analyzing and understanding *both* sides of an issue; and to enable them to reach their own conclusions in an atmosphere free of stereotypes and reactionary responses. (3,3,0)

BANKING AND FINANCE TECHNOLOGY *7020

(Jefferson Davis Campus)

The Banking and Finance Technology program is designed to fit the needs of people who are employed in banking and finance areas but wish to improve their skills and people who are interested in making a career in the field of banking and finance. The courses offered in this curriculum will offer the students an opportunity to become more knowledgeable and more productive employees and give them the opportunity to prepare for a career in the field of banking and finance.

ALL BANKING AND FINANCE TECHNOLOGY COURSES (BFT PREFIX) ARE TAUGHT AT NIGHT AND USUALLY OFF-CAMPUS.

This program will lead to an Associate of Applied Science Degree. If a transfer to a senior college or university is desired, a conference should be scheduled with a junior college guidance counselor for advisement.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English	3	3
BAT 1313	Business Math	3	
PSY 1513	General Psychology	3	
ECO 2113	Principles of Economics I	3	
BFT 1003	Principles of Bank Operations	3	
ACC 1213	Principles of Accounting I		3
BAT 2413	Business Law		3
BFT 1103	Money and Banking		3
	Elective**		4
		<hr/> 15	<hr/> 16
SOPHOMORE YEAR			
ACC 1223	Principles of Accounting II	3	
MMT 2523	Personnel Management	3	
SPT 1113	Oral Communication	3	
BFT 2003	Credit Administration	3	
BFT 2103	Analyzing Financial Statements	3	
	Electives**	6	
BFT 2113	Fundamentals of Bank Data		
	Processing		3
BFT 2133	Bank Management		3
BFT 2133	Bank Management		3
BFT 2163	Bank Public Relations and Marketing		3
BFT 2181	Bank Investments		3
	Elective*		1
		<hr/> 18	<hr/> 18

* BFT courses taught at night only.

** Ten semester hours of electives are required for the Associate of Applied Science Degree. Electives: Agriculture Finance, Federal Reserve System, Financing Business Enterprises, Home Mortgage Lending, Installment Credit, Loans and Discounts, Principles of Business Management, Selling Bank Services, Introduction to Sociology, Trust Functions, Real Estate, Finance, Law, and Bank Transactions, and Introduction to Commercial Lending.

- BFT 1003 — Principles of Bank Operations.** The fundamentals of bank functions in a descriptive fashion so that the beginning banker may view his/her chosen profession in a broad (and operational) perspective. Descriptive orientation international. (3,3,0)
- BFT 1103 — Money and Banking.** The practical aspects of money and banking and the basic monetary theory. Historical treatment minimum. Emphasis on such problems as economic stabilization, types of spending, theory of gold, limitations of foreign exchange, showing their repercussions on the banking industry in effecting yield curves and the structuring of portfolios. (3,3,0)
- BFT 2003 — Credit Administration.** Directed toward the executive level. Concerns statement and discussion of factors influencing and determining loan policy. Methods of credit investigation and analysis, credit techniques, specific credit problems, and regular as well as unusual types of loans. (3,3,0)
- BFT 2023 — Agricultural Finance.** General principles associated with the evaluation of management and the use of capital. To help the banker in satisfying the credit needs of modern agriculture. (3,3,0)
- BFT 2033 — Federal Reserve System.** The course examines the operations and policies of the Federal Reserve System during critical periods over the past 60 years. The approach taken is topical rather than chronological, thereby enabling students to compare and contrast Federal Reserve Policies dealing with similar problems at different periods in time. Attention is given to international monetary affairs and economic developments affecting the American fiscal system. (3,3,0)
- BFT 2043 — Financing Business Education.** The difference between lending and investing. Investing in a corporation and financing a corporation. Presented from the viewpoint of the corporate treasurer. (3,3,0)
- BFT 2053 — Home Mortgage Lending.** From the viewpoint of the mortgage loan officer who seeks to develop a sound mortgage portfolio. A picture of the mortgage market, the acquisition of a mortgage portfolio, mortgage plans and procedures, mortgage loans processing and servicing, and finally the obligations of the mortgage loan officer in overall portfolio management. (3,3,0)
- BFT 2063 — Installment Credit.** Techniques of installment lending, presented concisely. Emphasis on establishing credit, obtaining and checking information, servicing the loans, the collecting carefully scrutinized to the most efficient methods. Inventory financing, special loan programs, business development and advertising, and the public relations aspect of installment lending. (3,3,0)
- BFT 2072 — Loans and Discounts.** This course teaches bank employees the essential facts about promissory notes, including calculating interest and discounting commercial paper; guarantees; general collateral agreements; examining and processing documents accompanying notes secured by stocks, bonds, and savings account passbooks; and the concepts of attachment, perfection, priority, default, and foreclosure. (2,2,0)

- BFT 2103 — Analyzing Financial Statements.** Organized into two main sections: Characteristics of Financial Statements and Financial Statement Analysis. Review of basic accounting principles for financial statement analysis. (3,3,0)
- BFT 2113 — Fundamentals of Bank Data Processing.** To meet the need for a broadly based and non-technical explanation of electronic data processing as applied to banks. Geared to fundamental principles, concepts, and functions on the basis of what everyone in banking must know about the characteristics of automation: a general briefing on the essentials of bank data processing. A practical approach to equipment and techniques applied to the automation of banking systems. (3,3,0)
- BFT 2133 — Bank Management.** New trends in the philosophy and practice of management. Study and application of the principles outlined provide a working knowledge of bank management. (3,3,0)
- BFT 2141 — Selling Bank Services.** This course teaches tellers and new-account personnel how to recognize and meet customer needs; checking accounts, savings services, loans to individuals, safe deposit boxes, travelers checks, and cross-selling. (3,3,0)
- BFT 2153 — Trust Functions and Services.** Complete picture of the services rendered by institutions engaged in trust business, and introduction to the services and duties involved in trust operations. Identifies the distinction between business and legal aspects of trust functions. (3,3,0)
- BFT 2163 — Bank Public Relations and Marketing.** The basis of public relations, both internal and external, and the why, the what, and some of the hows of public relations and marketing. (3,3,0)
- BFT 2183 — Bank Investments.** The nature of primary reserves and loanable funds and their uses. Analysis of primary and secondary reserve needs of commercial banks, the sources of reserves, and their random and cyclical fluctuations, showing the influence of these factors on investment policy. A study of yield changes as they affect a banker's long-term holdings. (3,3,0)
- BFT 2193 — Real Estate Finance.** This course provides a background in the varied real estate mortgage credit operations of commercial banks. It treats the main areas of real estate by concentrating on the following broad areas: the manner in which funds are channeled into the mortgage markets, the financing of special purpose property, the financing of residential property and the administrative tasks common to most mortgage departments. (3,3,0)
- BFT 2203 — Law and Bank Transactions.** This course is designed not only to present an introduction to basic commercial law but to relate it more specifically to banking and bank transactions. An important feature of the course is a detailed discussion of consumer protection, including regulations, compliance, and penalties. Other topics include contracts, agencies and partnerships, corporations, real property, personal property and sales, etc. (3,3,0)
- BFT 2213 — Introduction to Commercial Lending.** This course provides an overview of the commercial lending function and is targeted to management

trainees and junior management. It is divided into four sections: commercial lending overview, the lending process, portfolio management, and regulation and business development. (3,3,0)

COMMERCIAL ART AND ADVERTISING 7045

(Perkinston Campus)

This program offers excellent preparation for employment in the field of commercial art and advertising.

A commercial artist (also known as a graphic artist) working in the advertising field designs and executes illustrations, layouts and displays — or may specialize in one of all these.

Graphic artists create designs to promote products, illustrate publications, and identify organizations (logos). Their work appears in visual communications that include magazines, books, television, greeting cards, billboards, catalogs, newspapers, and posters.

This curriculum leads to an Associate in Applied Science Degree and is preparatory for employment upon graduation from Mississippi Gulf Coast Community College. Where a transfer to a senior college or university is desired, a conference should be scheduled with a community college guidance counselor for advisement.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113	English Composition.....	3	
ART 1413	Design I.....	3	
MMT 1113	Marketing	3	
CAT 1212	Display Design.....	2	
CAT 1313	Fundamentals of Printing.....	3	
ART 1313, 1323	Drawing I, II	3	3
GRA 1112	Engineering Drawing.....		2
CAT 1113	Commercial Design and Advertising I.....		3
SPT 1113	Oral Communication.....		3
BAT 1113	Introduction to Business		3
	Restricted Elective*.....		3
SOPHOMORE YEAR			
ECO 2113	Economics I	3	
CAT 2123	Commercial Design and Advertising II	3	
MAT 1313	College Algebra**	3	
CAT 2313, 2323	Basic Advertising Design I, II.....	3	3
CAT 2213, 2223	Commercial Photography I, II	3	3
MMT 2733	Advertising.....		3
CAT 2413	Practical Advertising Techniques.....		3
	Elective***		3

*Three semester hours must be taken in Psychology or Social Studies.

**A natural science course and a mathematics course of the student's choice may be substituted.

***Suggested elective: DDT 1173, Computer Aided Drafting I.

- CAT 1113 — Commercial Design and Advertising I.** A laboratory course designed to provide selected experiences involving layouts, renderings, illustration, lettering, paste-ups, mechanicals, typesetting, and camera-ready art. (3,0,6)
- CAT 1212 — Display Design.** Three dimensional emphasis in commercial window, counter, and inter-display. (2,0,4)
- CAT 1313 — Fundamentals of Printing.** Course consists of typesetting, photodirect printing, plate-making, press, bindery, reproduction darkroom procedures, and related theory and terminology of printing. (3,1,4)
- CAT 2123 — Commercial Design and Advertising II.** A continuation of CAT 1113 with a concentration on artwork, color, newspaper advertising, magazine advertising, television, direct mail, posters, and logo designs. (3,0,6)
- CAT 2213 — Commercial Photography I.** An introduction to 35mm black and white photography with emphasis on the camera, exposure, composition, lighting, and basic darkroom techniques involving negative development and printmaking. (3,2,2)
- CAT 2223 — Commercial Photography II.** A continuation of CAT 2213 with emphasis on specialized assignments, camera techniques, and darkroom techniques. Prerequisite: CAT 2213 (3,2,2)
- CAT 2313 — Basic Advertising Design I.** Illustrations, forms, layout designs, cartooning, newspaper ads, mechanical color separations, color keys, and darkroom techniques. (3,0,6)
- CAT 2323 — Basic Advertising Design II.** A continuation of CAT 2313 with emphasis on developing composition, political advertising, and advertising campaign and advertising production utilizing mechanical color separations, color key, and acetate screens and lettering. (3,0,6)
- CAT 2413 — Practical Advertising Techniques.** Portfolio preparation and simulated job experience or control class for on-the-job training. (One lecture and six hours per week simulation or on-the-job experience.)

COMPUTER REPAIR TECHNOLOGY 7034

(Perkinston Campus)

This is a two year course of study designed to equip the student with the skills and knowledge to repair computers.

Graduates of this program will receive the Associate of Applied Science degree. Where a transfer to a senior college or university is desired, a conference should be scheduled with a community college counselor.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113	English Composition.....	3	
MAT 1313	College Algebra.....	3	
CRT 1003	Introduction to Computer Repair Technology.....	3	
CRT 1004	Basic Electronics.....	4	
CRT 1014, 1204	Digital Principles I, II.....	4	4
MAT 1323	Trigonometry.....		3
CSC 1613	Computer Programming I.....		3
CRT 1023	Computer Electronics.....		3
	Elective*.....		3
SOPHOMORE YEAR			
CRT 2003	Microprocessors.....	3	
CRT 2013	Computers and Interfacing.....	3	
SPT 1113	Oral Communication.....	3	
CRT 2023, 2223	Failure Analysis I, II.....	3	3
PHY 2414, 2424	General Physics I, II.....	4	4
CRT 2123	Operating Systems.....		3
CRT 2133	Satellite and Antenna Systems.....		3
CRT 2233	Instrumentation and Control.....		3

*Must be taken in Psychology or Social Studies.

CRT 1003 — Introduction to Computer Repair Technology. An introduction to computer repair field, its breadth and scope. A review of duties, manuals, test equipment and troubleshooting techniques used, together with the history of the computer industry. (3,2,2)

CRT 1004 — Basic Electronics. An introductory course to the theory and application of electronic components. Circuit analysis covers simple resistive networks through complex RLC circuits. Included is ohms law, conductors, insulators, batteries, meter movements, magnetism, test equipment, solder, series and parallel circuits, voltage dividers, and dc network theorems. (4,3,2)

CRT 1014 — Digital Principles I. Instruction in terminology, PN junctions, TTL, CMOS, oscillators, power supplies, counters, registers, DA, AD, flip-flops, clocks, arithmetic circuits, operational amplifiers, SCRS, IGFETS. (4,2,4)

CRT 1023 — Computer Electronics. A study of basic and advanced computer concepts. Topics include handshaking, interrupts, memory and I/O operations. Prerequisites: CRT 1003, 1004, 1014. (3,2,2)

CRT 1204 — Digital Principles II. A continuation of CRT 1014. Prerequisites: CRT 1003, 1004, 1014. (4,3,2)

CRT 2003 — Microprocessors. A course of study of the various types of microprocessors and their structures. Prerequisites: CRT 1024, 1204. (3,2,2)

CRT 2013 — Computers and Interfacing. A study of interfacing and I/O techniques which allow computers to communicate with peripheral devices. Prerequisites: CRT 2004 or as a co-requisite. (3,2,2)

- CRT 2023 — Failure Analysis I.** A source of study in system analysis, diagnosis to determine failures and possible causes. Prerequisite: CRT 2004 or as a co-requisite. (3,1,4)
- CRT 2123 — Operating Systems.** This course deals with the various operating systems and their functions, troubleshooting, and repair. Prerequisite: CRT 2023. (3,2,2)
- CRT 2223 — Failure Analysis II.** A continuation of CRT 2023 with emphasis on laboratory experience in hands-on computer repair. Prerequisite: CRT 2023. (3,1,4)
- CRT 2133 — Satellite and Antenna Systems.** Introduction to the theories of receiving antennas, television and satellite down link signals, the safety factors to be observed in installation and repair of all types of antennas, and instructions for satellite antenna installation and alignment to receive each satellite. Prerequisite: Sophomore standing in Computer Repair Technology. (3,2,2)
- CRT 2233 — Instrumentation and Control.** A study of transducers, closed and open loop electronic control systems, and final control in industry. Both analog and digital control systems are covered. Prerequisite: Sophomore standing in Computer Repair Technology. (3,2,2)

MARKETING AND MERCHANDISING MANAGEMENT

(Jackson County and Jefferson Davis Campuses — Two Year)

The Marketing Management and Fashion Merchandising Programs are designed to meet the needs of the students who plan to enter the marketing field at the mid-management level following two years of college and individuals who are working but wish to enter college to improve their marketing skills. The Marketing and Merchandising Management Programs are especially designed for the students who plan a career in businesses which offer many decision-making opportunities and responsibilities.

Job opportunities available to graduates of the Marketing Management Program include Sales Representative, Assistant Manager, Department Manager, Supervisors, and other decision-making jobs. Job opportunities available to graduates of the Fashion Merchandising Program includes Salesperson, Buyer, Assistant Buyer, Display Artist, Fashion Illustrator, and Fashion Coordinator.

These programs grant Associate of Applied Science Degrees and are preparatory for employment upon graduation from the Mississippi Gulf Coast Community College. If a transfer to a senior college or university is desired, a conference should be scheduled with a community college guidance counselor for advisement.

MARKETING MANAGEMENT 7040

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113	English Composition.....	3	
MMT 1113	Marketing	3	
	Restricted Elective**	3	
MMT 1513	Principles of Business Management	3	
	Approved Elective*.....	3	
MMT 1713	Salesmanship		3
BAT 1313	Business Math		3
PSY 1513	General Psychology		3
CSC 1113	Introduction to Computer Concepts or		
CTY 1013	Introduction to Computer Technology		3
MMT 2313	Retailing		3
	Approved Elective*.....		3
SOPHOMORE YEAR			
SPT 1113	Oral Communication.....	3	
ACT 1213	Principles of Accounting.....	3	
MMT 2733	Advertising.....	3	
ECO 2113	Principles of Economics.....	3	
MMT 2523	Personnel Management	3	
BAT 2413	Business Law		3
MMT 2323	Retail Merchandising.....		3
SOC 2113	Introduction to Sociology.....		3
MMT 2533	Fundamentals of Small Business		
	Organizations.....		3
MMT 2143	Marketing Management.....		3

* Approved Electives: MMT 2133 Business Internship; MMT 1313 Simulated Business Training; MMT 1723 Visual Merchandising; or other courses approved by the department.

** Elective to be chosen from Science or Mathematics. (BIO 1133, PHY 2243, MAT 1313).

FASHION MERCHANDISING 7041

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113	English Composition.....	3	
MMT 1113	Marketing	3	
MMT 1513	Principles of Business Management	3	
MMT 1613	Modeling and Personal Development	3	
MMT 1723	Visual Merchandising.....	3	
MMT 1123	Fashion Marketing and Merchandising	3	
BIO 1134 or PHY 2244 or MAT 1313	Gen. Biology, Physical Science, or College Algebra		3 or 4
MMT 1713	Salesmanship.....		3
SPT 1113	Oral Communication.....		3
MMT 1423	Fashion Color and Design		3
	Restricted Elective*.....		6
SOPHOMORE YEAR			
ACC 1213	Principles of Accounting.....	3	
MMT 2423	Textiles.....	3	
MMT 2733	Advertising.....	3	
MMT 2333	Buying.....	3	
BAT 1313	Business Mathematics	3	
MMT 2313	Retailing		3
	Approved Elective**		6
MMT 2323	Retail Merchandising Mathematics		3
MMT 2413	Basic Merchandise Selection.....		3

* Must be taken in Economics, Psychology or Sociology.

** Approved Electives may be chosen from the following: Art, Photography, Journalism, Business Courses, Fashion Merchandising Co-op, Professional Modeling, MMT Courses not previously taken or Computer Courses.

All electives must be approved by the student's advisor.

MMT 1113 — Marketing. The study of retail, wholesale and service-selling, along with recent innovations in the marketing process. A broad knowledge of the field of marketing is emphasized. (3,2,2)

MMT 1123 — Fashion Marketing and Merchandising. This course will examine specific areas in the fashion industry such as womens fashions, mens fashions, leading designers, fashion imports, and developing fashion images through fashion show production and other forms of promotion. (3,2,2)

MMT 1313 — Simulated Business Training. This course is designed to give the student training in assembling store equipment, cash register operations, merchandising, signpress operations and building displays. (3,2,2)

MMT 1423 — Fashion Color and Design. A study of the design field with emphasis on the elements and principles of design and a study of historical costume. (3,2,2)

- MMT 1513 — Principles of Business Management.** This course is designed to give an insight into the modern business. Study will include formation of business organizations, resources of business, managing a business, the role of business in society, small business management, and careers in large corporations and nonbusiness organization. (3,3,0)
- MMT 1613 — Modeling and Personal Development.** This course is designed to teach students fundamentals of visual poise and modeling. Through this course the student will not only learn basic rules for a model, but also the application of design principles to wardrobe selection and coordination. Emphasis will be placed on grooming, and individual care, figure problems, make-up techniques, and personal appearance for occupations and careers. (3,2,2)
- MMT 1713 — Salesmanship.** This course gives the student a survey of the importance of selling, its nature, its procedures, and an explanation of the salesman's job and the necessary qualifications to sell. The characteristics and nature of buyers, reasons why people buy, facts about the company and their operations and the selling process. Cases and problems in selling are included, together with oral preparation. (3,3,0)
- MMT 1723 — Visual Merchandising.** This course will emphasize the principles and applications of retail sales promotion and the purposes of display and its value as a promotional device. (3,2,2)
- MMT 2133 — Business Internship.** Internship is an approved retailing or marketing organization under the supervision of the organization concerned and the MMT instructor. Written assignments are required of the student along with a written evaluation of the student made by the organization furnishing training. A minimum of 15 hours working per week. One lecture per week. Three semester hours.
- MMT 2143 — Marketing Management.** A study of the various problems encountered in marketing situations in a free enterprise society. Special attention will be given to problems and decision-making in the areas of distribution, promotion, product planning, pricing and consumer behavior. Prerequisite: MMT 1113 Marketing. (3,3,0)
- MMT 2313 — Retailing.** The role of retailing to the economy is emphasized. The development of the present retail structure and the functions of it are included. Managerial problems resulting from current economics and social trends are brought out. (3,3,2)
- MMT 2323 — Retail Merchandising.** A merchandising math course with emphasis on its application to the retail business. The planning of mark-up, control of expenses, methods of inventory, development of a sales and merchandise plan will be covered. (3,2,2)
- MMT 2333 — Fashion Buying.** A study of the duties and problems of the fashion buyer, demand forecasting, sources of buying information, buying policies and practices, and budgeting problems. (3,2,2)

- MMT 2413 — Basic Merchandise Selection.** Emphasis is placed on the origin and composition of products, methods of production, quality characteristics, the sale of merchandise, and the care of merchandise. (3,2,2)
- MMT 2423 — Textiles.** A study of basic textile terminology and textile fibers with emphasis on identification, construction, and fabric finishes. (3,2,2)
- MMT 2523 — Personnel Management.** Study of the objectives, functions and organization of personnel programs. Emphasis on job evaluation, selection and placement education and training, employee services and relationships, and management labor relations. (3,3,0)
- MMT 2533 — Fundamentals of Small Business Organization.** This course provides fundamental knowledge in managing a small firm. A study of the essentials for planning and financing the new firm, form and structure of the firm, merchandising and sales financial management and control, and a continuous case analysis of a firm are emphasized. (3,3,0)
- MMT 2613 — Professional Modeling.** This course is an advanced study of modeling techniques. Included are professional runway work, photographic modeling, professional make-up, tearoom and convention work. Prerequisite: Modeling and Personal Development, MMT 1613. (3,2,2)
- MMT 2733 — Advertising.** The role of advertising in our economy, advertising media, budgeting, planning, scheduling and evaluation are included. Retail advertising is given emphasis in this course. (3,2,2)

DRAFTING AND DESIGN TECHNOLOGY 7050*

(Jackson County, Perkinson and Jefferson Davis Campuses)

This curriculum imparts skill and knowledge in translating engineering ideas into lines and dimensions on paper for use by the craftsman in making an idea a reality. The drafting and design technology curriculum will develop graduates with the following:

- a well rounded educational experience whereby students may develop their capabilities and interest to a degree of maximum value to themselves and to our society.
- essential knowledge and skills required for efficient and productive performance in the drafting and design phase of the industrial world.

The curriculum leads to an Associate in Applied Science Degree and is preparatory for employment upon graduation from the Mississippi Gulf Coast Community College. Where a transfer to a senior college or university is desired, a conference should be scheduled with a junior college guidance counselor for advisement.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113	English Composition.....	3	
MAT 1313	College Algebra.....	3	
DDT 1105	Fundamentals of Drafting.....	5	
DDT 1133	Steel Shipbuilding.....	3	
HPR	Physical Education.....		1
	Restricted Elective**.....	3	
RT 1133	Descriptive Geometry.....		3
DDT 1163	Construction Materials and Cost Estimating.....		3
DDT 1115	Machine Drafting.....		5
DDT 1173	Computer Aided Drafting I.....		3
MAT 1323	Trigonometry.....		3
SOPHOMORE YEAR			
DDT 2063	Map and Topographic Drafting.....	3	
RT 2093, 2103***	Plane Surveying.....	3	3
DDT 2055	Architectural Drafting.....	5	
DDT 2183	Computer Aided Drafting II.....	3	
DDT 2073	Piping, Sheetmetal and Electrical Drafting.....		3
PHY 2414	General Physics I.....	4	
DDT 2125	Structural Design and Strength of Materials.....		5
SPT 1113	Speech.....		3
	Technical Elective****.....		3, 4, or 5

*The sequence in which students take the courses in this curriculum may vary from campus to campus.

**Three semester hours must be taken in psychology or social studies.

***Perkinston Campus students may substitute PHY 2424 — General Physics II or PHY 2254.

****Students are encouraged to take PHY 2414 but may substitute PHY 2244.

*****Suggested Technical Elective: DDT 2194, DDT 2295, DDT 2093, DDT 2153.

DDT 1105 — Fundamentals of Drafting. This course is designed to provide fundamental knowledge of the principles of drafting as well as skill in the basic techniques of using drafting room equipment. It covers such topics as lettering, inking, geometric construction, sketching, orthographic projections, pictorial drawing, dimensioning, section and simple scale drawings. (5,2,6)

DDT 1115 — Machine Drafting. An introduction is given in various mechanical parts as well as complete assemblies. Working drawings are made of various mechanical parts. Prerequisite: DDT 1105. (5,2,6)

DDT 1133 — Introduction to Steel Shipbuilding and Blueprint Reading. This course is designed to give the student an understanding of the ship as a whole and acquaintance with actual working drawings of a ship. Class work involves both research and drawing. (3,2,2)

- DDT 1163 — Construction Materials and Cost Estimating.** An introduction to the materials used in the construction industry and to the basic methods of cost estimating and procedures required in material takeoffs. (3,2,2)
- DDT 1173 — Computer Aided Drafting I.** An introductory course dealing with concepts, terminology, and theory of computers with direct applications and use of graphics terminals and plotters. Students will be able to prepare engineering drawings through the utilization of computer aided drafting equipment. Prerequisites: DDT 1105, GRA 1112, RT 1073 or 2 years of Industrial Drafting in high school. (3,2,2)
- DDT 2055 — Architectural Drafting and Design.** Instruction is given in the basic principles of design and planning for residential work. A complete set of plans for a residence or other small building is developed by each student. Building code requirements, utility application, and proper selection of construction materials must be observed in planning. Prerequisite: DDT 1105. (5,2,6)
- DDT 2063 — Map and Topographical Drawing.** Selected drafting techniques are applied to problems of making maps, traverses, plot plans, plan and profile drawings using maps and field survey data. Prerequisite: DDT 1105. (3,2,2)
- DDT 2073 — Piping, Sheetmetal, and Electrical Drafting.** An advanced course in drafting, techniques and knowledge are employed in the planning of piping, sheet metal, and electrical objectives. Efficient use of applicable handbooks and code books is an integral part of this course. Prerequisite: DDT 1105. (3,2,2)
- DDT 2085 — Hull Drafting and Design.** The body of a ship, including shell plating, framing, decks, and bulkheads will be drawn in detail from an offset book and blueprints. Other component parts such as stringers, beams and pillars will also be detailed. Prerequisite: DDT 1105. (5,2,6)
- DDT 2093 — Technical Illustration.** This course is designed to translate orthographic blueprints into three dimensional drawings by the following methods; isometric, perspective and oblique. Prerequisite: DDT 1105. (3,2,2)
- DDT 2103 — Marine Piping and Sheetmetal Drafting.** A course designed to acquaint the student with the various fittings used in marine piping and the symbols used in drawing them. Pipe layouts, in both multiview and isometric, are made to bring out the importance of clearance and possible interference in the installation. Sheetmetal drafting gives the student a knowledge of layout and installation procedures for both the duct and plate work required in a ship. Prerequisite: DDT 1105. (3,2,2)
- DDT 2125 — Structural Design and Strength of Materials.** This course is designed to give basic understanding of the strength of materials. It covers the following topics: simple stresses, strains, physical characteristics of materials, reactions, moments of inertia, and deflections, applications to machine parts and structural parts. Problems in the structural detailing and design

involve drawing of beams, columns, connections, and braces. Prerequisite: DDT 1115. (5,2,6)

DDT 2142 — Electrical/Electronics Drafting. This course provides a working knowledge of electrical electronics symbols and connectors, circuit schematics, cabling, wire layouts and checking, block diagrams and module representation. Prerequisite: DDT 1105. (2,0,4)

DDT 2153 — Sheetmetal Drafting. A course in sheetmetal design drawing. Drawings are patterns for sheetmetal configurations. A review in projections, auxiliary views and rotated views are followed by instruction and practice problems in developments, triangulation and combination problems. Prerequisite: RT 1133. (3,1,4)

DDT 2183 — Computer Aided Drafting II. The course is designed to give the student an extension of basic user commands and a comprehensive insight into the advanced fundamentals of computer aided drafting processes. This, grouped with extensive hands on training, provides the student with a strong basis and understanding of computer aided drafting while increasing the proficiency of the student's ability as an operator. Prerequisites: DDT 1173 — Computer Aided Drafting I. (3,1,4)

DDT 2194 — Computer Aided Drafting III. The first portion of the course is designed to give the student an extension of basic user commands and a comprehensive insight into the advanced fundamentals of computer aided drafting processes. This, grouped with extensive hands on training, provides the student with a strong basis and understanding of computer aided drafting while increasing the proficiency of the student's ability as an operator.

The second portion of the course is designed to expand the student's knowledge by simulating a professional setting. The student will apply the knowledge of computer aided drafting gained in previous computer aided drafting courses and apply it to a professional simulation as directed by the instructor. Prerequisites: Enrollment by invitation of the faculty and DDT 2183 — Computer Aided Drafting II. (4,1,6)

DDT 2295 — Computer Aided Drafting IV. This course will expose the student to advanced CAD commands and applications. The student will learn computer aided drafting in a simulated professional setting. Knowledge and hands-on experience in advanced plotting techniques, managing large drawings, using attributes, entering handdrafted drawings, getting and exchanging information, creating 3-D drawings and other advanced CAT techniques will increase the student's ability as a CAD operator. Prerequisite: DDT 1173. (5,1,8)

ELECTRONICS TECHNOLOGY 7060

(Jackson County Campus)

This program offers excellent preparation for a variety of jobs in the electronics field at the technician level. Employment opportunities include: radar technician, sonar technician; communications technician-marine; industrial radio TV control room operator; instrumentation technician-marine; industrial radio TV control room operator; instrumentation technician; computer technician; electronics associate engineer; technical sales representative; electronics laboratory technician (proto-type and test analysis); electronics installation supervisor. This curriculum leads to an Associate in Applied Science Degree and is preparatory for employment upon graduation from the Mississippi Gulf Coast Community College. Where a transfer to a senior college or university is desired, a conference should be scheduled with a community college guidance counselor for advisement.

Courses are offered so that beginning students can enter the program in either the Fall or Spring semester.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ET 1013	Introduction to Electronics	3	
ET 1004	Basic Electricity.....	4	
MAT 1313, 1323	College Algebra and Trigonometry.....	3	3
ENG 1113	English Composition.....	3	
CSC 1213 or 1023	Basic Programming.....	3	
ET 1105	Semiconductor Devices.....		5
ET 1115	Digital Principles		5
RT 1063	Technical Writing.....		3
SOPHOMORE YEAR			
ET 2006	Linear Integrated Circuits.....	6	
ET 2016	Microprocessor Systems.....	6	
PHY 2414	General Physics I	4	
RT 1073	Technical Drawing	3	
ET 2126	Instrumentation and Control.....		6
ET 2116	Electronic Communications		6
RT 1043	Occupational Essentials		3
	Elective (Restructured)*		3

*Electives to be selected from the following: Philosophy, Psychology, Sociology, Economics.

ET 1003 — Survey of Electronics. This course is designed to prepare students for entry into the electronics technology program. Topics covered include study skills, using scientific notation, formula solving, construction techniques, job information, and component recognition. (3,2,2)

ET 1004 — Basic Electricity. An introductory course to the theory and application of electronic components. Circuit analysis covers simple resistive networks through complex RLC circuits. (4,3,2)

- ET 1013 — Introduction to Electronics.** An overview of the electronics industry which familiarizes incoming students with the role of the electronics technician. Also introduces testing, system function, safety, and fabrication practices. (3,2,3)
- ET 1105 — Semiconductor Devices.** The theory of operation of semiconductor devices. Device circuit applications are also included. Prerequisite: ET 1004 and ET 1013. (5,4,2)
- ET 1115 — Digital Principles.** An introduction to number systems, codes, gating circuits, circuit minimization; counters, registers. Introductory computer programming is also included. Prerequisite: ET 1004 and ET 1013. (5,4,2)
- ET 2006 — Linear Integrated Circuits.** The theory and application of operational amplifiers, audio power amplifiers, PLL's, broad band amplifiers and other common linear circuits. Applications and troubleshooting techniques are also included. Prerequisite: ET 1105 and ET 1115. (6,4,4)
- ET 2016 — Microprocessor Systems.** A continuation of ET 1115 which covers the operation, operation programming and servicing of microprocessor based systems. Interfacing and peripheral equipment function are also covered. Prerequisite: ET 1115 and enrollment in ET 2006. (6,4,4)
- ET 2123 — Instrumentation and Control.** A study of transducers, closed and open loop electronic control systems, and final control in industry. Both analog and digital control systems are covered. (3,2,2)
- ET 2126 — Instrumentation and Control.** A study of transducers, closed and open loop electronic control systems, and final control in industry. Both analog and digital control systems are covered. Prerequisites: ET 2006 and ET 2016. (6,4,4)
- ET 2116 — Electronic Communications.** A study of AM, FM, SSB, and TV transmitter and receiver systems including antennas and transmission lines. The course stresses system function and troubleshooting procedures. Prerequisite: ET 2006. (6,4,4)
- ET 2136 — Microcomputer System Service.** This course covers troubleshooting and repair of small computer, disk drives, CRT displays, printers, and other components embedded in microcomputer systems. Service instructions are presented at both board level and component level. Prerequisites: ET 2016, ET 2126, and ET 2116. (6,4,4)
- ET 2144 — FCC License Preparation.** An in-depth study of communications theory, practices and laws, designed to prepare students for the general class radio telephone license. Prerequisite: ET 2116 Electronic Communications or satisfactory score on the course pre-test. Four semester hours. (4,3,2)

INDUSTRIAL ELECTRONICS TECHNOLOGY 7061

(Jefferson Davis Campus)

This curriculum is designed to provide the student with the technical knowledge and skills necessary for gaining employment in the field of electronics. Students are exposed to a well-balanced program of technical, general and technical related courses. Emphasis is placed on the development of technical abilities, problem solving and the use of laboratory equipment.

This curriculum leads to an Associate in Applied Science Degree from the Mississippi Gulf Coast Community College. Where a transfer to a senior college is desired, a conference should be scheduled with a community college counselor.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
IET 1114	DC Circuit Analysis and Lab.....	4	
IET 1124	AC Circuit Analysis and Lab.....	4	
IET 1134	Mathematics for Electronics.....	4	
ENG 1113	English Composition.....	3	
IET 1215	Digital Principles		5
IET 1225	Electronic Devices and Circuits.....		5
CSC 1213	Basic Programming.....		3
SPT 1113	Oral Communication.....		3
SOPHOMORE YEAR			
IET 2315	Linear Integrated Circuits.....	5	
IET 2325	Microprocessors.....	5	
PHY 2414	Technical Physics I	4	
MAT 1313	College Algebra	3	
IET 2415	Electronic Communications		5
IET 2425	Interfacing and Control Systems.....		5
IET 2433	Special Projects in Electronics		3
IET 2443	Industrial Control Systems.....		3
	Restricted Elective		3

*Must be taken in Psychology or Social Studies.

IET 1114 — DC Circuit Analysis with Lab. Basic electrical concepts, relationships, resistive circuits, test equipment and troubleshooting as related to DC circuitry. Prerequisite: IET 1134 or equivalent. Concurrently with IET 1124. (4,3,2)

IET 1124 — AC Circuit Analysis with Lab. Use of AC circuit analysis, theorems and techniques starting with magnetism, the sine wave, frequency, capacitance, inductance, resonant circuits, filters, test equipment and troubleshooting procedures; concurrently with IET 1114. (4,3,2)

IET 1134 — Mathematics for Electronics. A course designed to insure that the electronics students have the mathematic background necessary to understand and analyze the concepts of electronics. This course will include algebra and trigonometry as it applies to electrical and electronic theory. (4,4,0)

- IET 1143 — Basic Mathematics for Electronics.** A remedial course for potential electronics student to stress related arithmetic concepts and elementary algebra. Normally this course will be taken by those students who have minimum exposure to mathematics and/or a pre-test reflects a requirement.
- IET 1215 — Digital Principles.** Focus on the theory, practices, applications and experiences to prepare for advanced digital electronics. Topics will include the numbering system, flip-flops, logic gates, memory circuits, registers, counters, adders, multiplexers and decoders. Prerequisite: IET 1114. (5,3,4)
- IET 1225 — Electronic Devices and Circuits.** Theory and application of solid state devices, including the diode, transistor, the PET, as well as their application in power supplies, amplifier circuits and control circuits. Prerequisites: IET 1114 and 1124. (5,3,4)
- IET 2315 — Linear Integrated Circuits.** Circuitry will include op-amps, power supply regulators, timing circuits, Optic-electronics devices and various special devices and circuits used in control and general electronic systems. Prerequisite: IET 1225. (5,3,4)
- IET 2325 — Microprocessor.** A continuation of digital principles but progressing into the study of the microprocessor. Using the 6502 chip, training will be provided in microprocessor basics including programming and the development of troubleshooting techniques. Prerequisite: IET 1215. (5,3,4)
- IET 2443 — Industrial Control Systems.** A survey of control systems including power distribution, motors, motor control, transducers, actuators, open and closed loop control systems, including the Programmable Controller. Prerequisite: IET 2315 or concurrently. (4,4,0) (3,3,0)
- IET 2416 — Electronic Communications.** A study of AM, FM, SSB, and TV transmitter and receiver systems including antennas and transmission lines; PLL's and frequency synthesizers; digital communications techniques. Prerequisite: IET 2315. (6,4,4)
- IET 2425 — Interfacing and Control Systems.** A study of the input and output devices and circuits used for interfacing microprocessor based equipment. Emphasis will be placed on interfacing to stepping and servo-motor control systems as well as various other applications. Prerequisite: IET 2325. (5,3,4)
- IET 2433 — Special Projects in Electronics.** Electronic fabrication techniques, including soldering, repair, project construction, introduction to printed board construction, and technical report writing. Preparation of job resume and essential of job placement. Will include special project in area of student's choice and acceptable to instructor. Final Semester Only. (3,2,2)

EMERGENCY MEDICAL TECHNICIAN/PARAMEDIC 7065

(West Harrison County Occupational Training Center)

This program is designed to prepare qualified emergency medical workers to become EMT/Intermediate or EMT/Paramedic level workers. The curriculum meets the requirements of local, state, and national accrediting agencies, and students who complete the program successfully will be eligible to write the National Registry Examination. It provides a complete program for those students intending to earn the Associate of Applied Science Degree.

ADMISSION REQUIREMENTS

For those who are presently employed in the EMT field:

1. Must be a high school graduate, or GED equivalent, with documentation.
2. Must be physically and emotionally able to meet the requirements of the program.
3. Must be a Mississippi certified EMT, if presently working in the Emergency Medical Technician field of employment.
4. Must have two (2) letters of recommendation from physicians who have been directing, or will be directing the EMT-1, EMT-P performance.
5. Must pass certain tests administered by the college, including re-test of Basic EMT skills and knowledge.

For those who do not have EMT work experience:

Same as above, except they must successfully complete the Basic EMT course (State Certification not required), and must have successfully completed a minimum of 30 hours of college courses; such as algebra, anatomy and physiology, chemistry, and psychology.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
EMT 1004	Introduction to EMS Systems and the Pre-Hospital Environment	4	
EMT 1002	Patient Assessment and Airway Management	2	
EMT 1005	Trauma Shock and Burns	5	
EMT 1012	Medical Emergencies I.....	2	
EMT 1001	Defibrillation Skills.....	1	
EMT 1022	Internship for Clinical and Field Experience.....	2	
EMT 1132	General Pharmacology		2
EMT 1142	Respiratory System.....		2
EMT 1115	Cardiovascular System		5
EMT 1114	Medical Emergencies II		4
EMT 1113	Medical Emergencies III		3
EMT 1125	Internship for Clinical and Field Experience		5

SUMMER		
EMT 1252	Pediatrics and Geriatrics	2
EMT 1262	Obstetrical, Gynecological, and Neonatal Emergencies	2
EMT 1211	Behavioral Emergencies	1
EMT 1235	Internship for Clinical and Field Experience.....	5
SOPHOMORE YEAR		
ENG 1113	English Composition.....	3
MAT 1313	College Algebra	3
BIO 2514	Human Anatomy and Physiology I.....	4
PSY 1513	General Psychology	3
SPT 1113	Oral Communication.....	3
ENG 1123	English Composition.....	3
BIO 2524	Human Anatomy and Physiology II.....	4
SOC 2113	Introduction to Sociology.....	3
PSY 2553	Psychology of Personal Adjustment.....	3

The above courses lead to a MGCCC certificate upon completion.

EMT 1004 — Introduction to EMS Systems and the Pre-Hospital Environment.

This course introduces the student to the pre-hospital environment and teaches the roles and responsibilities of the EMT-I and EMT-P as well as the laws which govern the practice of emergency treatment in the field. The student will learn about radio systems and communications and also be familiarized with rescue and various rescue equipment. The use of a medical dictionary and medical terminology will be covered. Lab is included. (4,3,1)

EMT 1002 — Patient Assessment and Airway Management. This course will provide a systematic approach to patient assessment and body systems. It will include the pathophysiology and management of specific respiratory conditions including obstructed airway and the management of the apneic patient using the esophageal obturator airway. Lab is included. (2,2,0)

EMT 1005 — Trauma, Shock and Burns. This course will provide an understanding of shock; its causes and treatment and the management of the trauma patient. Included are fluids, electrolytes, blood and its components and the related disorders involved in emergency care situations. The pathophysiology of burns and the management of the burned patient are included as well as the role of intravenous fluid administration and the technique for starting an intravenous line. Lab is included. (5,4,1)

EMT 1012 — Medical Emergencies I. This course will provide an understanding of disease and its processes. Specific medical emergencies will be dealt with on the intermediate level. (2,2,0)

EMT 1001 — Defibrillation Skills. This course will give a knowledge of basic ECG interpretation and the normal electrical activity of the heart. It will provide training in the use of a defibrillator and the recognition of certain life-threatening arrhythmias. Lab is included. (1,1,0)

- EMT 1022 — Internship for Field and Clinical Experience.** This course will provide practical training on the skills and knowledge obtained in classroom. This will be a supervised activity carried out in the clinical and field setting at approved sites. (2,0,2)
- EMT 1132 — Pharmacology.** This course will provide an overview of pharmacology. It includes the packaging, measuring, and administration of drugs. It provides an understanding of the mechanism and actions of specific pharmacological agents used in pre-hospital emergency care. (2,2,0)
- EMT 1142 — Respiratory System.** This course provides an overview of the anatomy and physiology of the respiratory system and the pathophysiology and management of specific respiratory conditions. This course will train the student in the handling of the respiratory emergency using pharmacological agents and endotracheal intubation. Lab is included. (2,2,0)
- EMT 1115 — Cardiovascular System and ECG Interpretation.** This course will provide knowledge of the anatomy, physiology, and pathophysiology of the cardiovascular system and the management of specific cardiovascular problems and diseases. The course will teach ECG interpretation of a variety of cardiac dysrhythmias which accompany cardiac disease and the management of cardiac arrest. Lab included. (5,5,0)
- EMT 1114 — Medical Emergencies II.** This course involves the treatment of various medical emergencies on the level of paramedic. (4,4,0)
- EMT 1125 — Internship for Clinical and Field Experience.** This course provides practical training on the skills and knowledge obtained in classroom. This will be supervised activity carried out in the clinical and field setting at approved sites. (5,0,5)
- EMT 1113 — Medical Emergencies III.** This course continues the teaching of treatment of various medical emergencies on the level of paramedic. (3,3,0)
- EMT 1252 — Pediatrics and Geriatrics.** This course will give an understanding of the special problems and considerations in the management of pediatric and geriatric emergencies. (2,2,0)
- EMT 1262 — Obstetrical, Gynecological and Neonatal Emergencies.** This course will provide training in the handling of emergency childbirth and complications encountered with childbirth in the field. The course will also address the treatment and management of the newborn. (2,2,0)
- EMT 1211 — Behavioral Emergencies.** This course will give an overview of psychological emergencies encountered by the working paramedic and basic guidelines in the management of the psychotic and emotionally disturbed patient. It will also provide an understanding of stress and its effects and teach methods of dealing with stress in the paramedic and the patient. (1,1,0)
- EMT 1235 — Internship for Clinical and Field Experience III.** This course will provide practical training in the skills and knowledge obtained in classroom. This will be supervised activity carried out in the clinical and field setting at approved sites. (5,0,5)

HOTEL, MOTEL AND RESTAURANT OPERATION 7090

(Jefferson Davis Campus — Two Year)

The curriculum is designed to help students meet high standards of achievement and acquire the specialized knowledge needed for their careers. Through an accelerated, comprehensive course, such knowledge can be acquired by men and women.

The program of hotel-motel-restaurant operation at Jefferson Davis Campus was established in the fall of 1966, in recognition of the demand for trained and educated employees for hotels, motels and restaurants. At the present there are many positions open for every graduate of a formal program in the hospitality industries. This curriculum leads to an Associate Degree in Applied Science Degree but is not designed for transfer credit to a senior college.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
MRT 1004	Basic Food Preparation	4	
MRT 1054	Hotel, Motel Front Office Procedures	4	
MRT 2053	Profitable Food and Beverage Operation I	3	
BST 1113	Typing I	3	
ENG 1113	English I	3	
MRT 1102	Orientation for the Hospitality Industry		2
MRT 1014	Quality Foods		4
MRT 1072	Hotel, Motel, Restaurant Safety and Sanitation		2
MRT 1023	Food Service in Institutions		3
MRT 1063	Hotel, Motel, Restaurant Accounting		3
MRT 2113	Profitable Food and Beverage Operation II		3
BAT 1313	Business Math	3	
SOPHOMORE YEAR			
MRT 2103	Hotel Theories and Practice		3
SPT 1113	Oral Communication		
MRT 2073	Hotel, Restaurant Personnel Management	3	
MRT 2063	Internship in Hospitality Industry	3	3
MRT 2013	Profits Thru Promotion		
MRT 2003	Administrative Housekeeping	3	3
MRT 2093	Legal Aspects of the Hospitality Industry		3
PHY 2244	Physical Science Survey I		4
	Restricted Elective*		6

*Must be taken in Social Studies.

MRT 1004 — Basic Food Preparation. Familiarization with tools and equipment, kitchen organization, study of recipes of basic foods, purchasing, storage and preparation. (4,4,2)

- MRT 1014 — Quality Foods.** Continuation of study in food preparation with emphasis on quantity preparation. Special instruction in the arts of food preparation, menu planning, service, special sauces, cake decorations, hors d'oeuvres trays. Prerequisite: HMR 1004. (4,4,2)
- MRT 1023 — Food Service in Institutions.** Meal planning and service planning including serving menus for all phases of food service — snack bar, cafeteria, coffee shop, restaurant and banquet; making standardized recipes order list and purchase orders. Attention is given to use of equipment, personnel operation reports, portion control, care and maintenance of equipment and student projects. (3,3,1)
- MRT 1054 — Hotel-Motel Front Office Procedures.** A detailed study of the functions pertaining to hotel front office operations to include: Positions and their responsibilities; utilization of equipment, interpretation of internal system. Student projects required. (4,4,2)
- MRT 1063 — Hotel-Motel-Restaurant Accounting.** A detailed study in accounting and systems as identified with the industry, interpretation and value of cost controls, taxes, licenses and regulations of beverages. Inventory controls, payroll and P and L statements. (3,3,0)
- MRT 1073 — Hotel-Motel-Restaurant Safety and Sanitation.** Study of the various aspects of accident, causes and prevention of accidents in the hospitality industry and cause and prevention of food-borne disease. Effective methods and sanitary controls for operation of food establishments. (2,2,1)
- MRT 1102 — Orientation for the Hospitality Industry.** A seminar type course of lectures and discussions on opportunities, trends, problems and organizations in the hospitality field. (2,2,1)
- MRT 2003 — Administrative Housekeeping.** Familiarization with duties and responsibilities of housekeeping. Organization, schedules, laundry operation and maintenance. Student projects. (3,3,0)
- MRT 2013 — Profits through Promotion.** A study of methods used to promote a facility. Creative thinking and brainstorming. Student projects. (3,3,1)
- MRT 2053 — Profitable Food and Beverage Operation I.** Introduction to Food and Beverage Operations. Students are involved in the mechanics of menu planning, pricing and determination of selling price, food and labor cost percentages. Students' projects include control of restaurant sales and in menu making. Discussion of table service and dining room management. (3,3,0)
- MRT 2063 — Internship in the Hospitality Industry.** Internship in an approved hospitality agency under the supervision of the agency concerned and school instructor. Written report required of student and written evaluation of student made by agency furnishing training. (3,3,0)
- MRT 2073 — Hotel and Restaurant Personnel Management.** Ability to manage people is important to the hospitality industry. This course is designed to give the innkeeper and food service operator an insight into the manage-

ment of personnel. This course will explore the processes by which the manager can enable his employees to function efficiently and effectively. These processes will include Organization and Planning, Communication, Motivation, and Training. (3,3,0)

MRT 2083 — Restaurant Theories in Practice. This course is designed for the student to implement classroom theories through practical application. Students will perform practical applications of all functions of food service — management, menu-planning, scheduling and other duties. Prerequisite: Basic Foods (MRT 1004). (3,3,0)

MRT 2093 — Legal Aspects of the Hospitality Industry. This course will permit the student to be more aware of the legal aspects of the hospitality industry as today the operation of a hotel, motel or restaurant is a precise and complex task and an understanding of the laws affecting the industry is essential. Areas covered will include licensing and taxation, liabilities and rights, and government regulations and requirements. (3,3,0)

MRT 2103 — Hotel and Motel Management Theories in Practice. This course is designed for the students to implement classroom theories through practical application. Students will perform practical application of all functions of inn-keeping management — front office, housekeeping, conventions sales, sales promotion, and other related duties. Prerequisite: MRT 1053 — Front Office Procedures. (3,3,2)

MRT 2113 — Profitable Food and Beverage Operation II. A study of bar management, beverage purchases and beverage controls. Management of music and entertainment. Students will budget for a food and beverage operation. Prerequisite: MRT 2053 — Profitable Food and Beverage I. (3,3,0)

CRIMINAL JUSTICE 7120

Technical

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113, 1123	English Composition.....	3	3
PSC 1113	Government.....	3	
PSY 1513	Psychology		3
CRJ 1313	Introduction to Law Enforcement and Criminal Justice.....	3	
CRJ 1363	Introduction to Corrections.....	3	
CRJ 2333	Criminal Investigations I	3	
CRJ 2343	Criminal Investigations II		3
	Electives*	3	6
		<u>18</u>	<u>15</u>
SOPHOMORE YEAR			
SPT 1113	Oral Communication.....	3	
BIO 1133	General Biology or		
MAT 1313	College Algebra		3

CRJ 2323	Criminal Evidence.....	3	
CRJ 1323	Police Organization and Administration...		3
CRJ 2413	Administration of Criminal Justice.....		3
CRJ 1353	Internship in Law Enforcement	3	
HIS 2223	History		3
SOC 2113	Sociology	3	
	Electives*	6	3
		<u>18</u>	<u>15</u>

*Electives can be taken from the following areas:

CRJ 1353 Internship in Law Enforcement; CRJ 2513 Law Enforcement and the Juvenile; HPR 1213 Health; HPR 2221 Lifesaving; HPR 2211 First Aid; ECO 2113 Economics; HIS 2213 American History; HIS 1163, 1173 World History; PHI 2113 Introduction to Philosophy; GEO 1123 Geography; PHY 2243; 2253 Physical Science; BIO 1133, 1143 Biology; JOU 2312 Photography; ENG 2323, 2333 English Literature; or other subjects approved by the Department.

MEDICAL LABORATORY TECHNOLOGY 7130 ASSOCIATE DEGREE

(Jackson County Campus — Two Years)

A program of twenty-four months duration offered in affiliation with local hospitals. The clinical laboratories are recognized as extended campuses of the college. Students successfully completing this program are prepared for employment in hospitals, medical laboratories, clinics, and industry as Medical Laboratory Technicians.

The college is assisted and advised by a Medical Laboratory Technology Advisory Committee composed of pathologists, medical technologists and technicians, college administrators and instructors.

Graduates of this AMA accredited program are eligible to take the MLT certifying examinations. Upon passing the examinations the graduate becomes a Registered/Certified Medical Laboratory Technician.

The curriculum grants an Associate in Applied Science Degree and is preparatory for employment upon graduating from the Mississippi Gulf Coast Community College. Where a transfer to a senior college or university is desired, a conference should be scheduled with a community college guidance counselor for advisement.

Admission Policies for the Medical Laboratory Technician Program

Admission is granted to applicants on a selective basis when all of the below requirements have been satisfactorily accomplished. Applicants will be screened on the basis of past educational performance and potential for the number of clinical openings available.

1. Applicants must meet college admission requirements for academic and technical programs.
2. Applicant must be eligible to take College Algebra and English Composition I as determined by the Orientation Placement Tests in Math and English.

- Applicants must have an interview with the Program Director of the MLT department and/or members of the MLT Admissions Committee.
- Applicants must be physically and emotionally able to meet the requirements of the program.
- Applicants must turn in a completed health form signed by a medical physician immediately prior to the first Clinical Rotation.

All of the above, with the exception of the completed signed health form, should be on file before the beginning of the spring semester.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
MLV 1013*	Basic Essential Skills for MLT	3	
MLT 1111	Introduction to MLT/Phlebotomy.....	1	
ENG 1113	English	3	
PSY 1513	Psychology	3	
MAT 1313	College Algebra	3	
BIO 2514	Anatomy and Physiology	4	
MLV 1023*	Advanced Essential Skills for MLT.....		3
MLT 1212	Urinalysis/Body Fluids		2
MLT 2612	Parasitology		2
CHE 1214	General Chemistry		4
BIO 2924	Microbiology		4
SUMMER			
MLT 1313	Hematology I	3	
MLT 1413	Immunology/Serology.....	3	
ENG 1123*	English	3	
SPT 1113	Oral Communication.....	3	
SOPHOMORE YEAR			
MLT 1324	Hematology II	4	
MLT 1515	Clinical Chemistry.....	5	
MLT 2424	Immunohematology.....	4	
MLT 2714	Pathogenic Microbiology	4	
MLT 2816	Clinical Practice I		6
MLT 2826	Clinical Practice II		6
SUMMER			
MLT 2836	Clinical Practice III	6	
MLT 2846	Registry/Certifying Exam Prep	6	

*MLV 1013, MLV 1023 — Essential Skills for MLT. Prerequisite courses designed to introduce the student to the health careers field, the basic health science, basic skills, terminology, sterile/isolation, asepsis and employability skills. (3,3,0)

MLT 1111 — Introduction to Medical Laboratory Technology/Phlebotomy. A course designed to give an overview of the field of Medical Laboratory Technology, familiarize one with laboratory safety, microscopes, glassware, and equipment. Basic laboratory specimen collection techniques are also introduced. Prerequisite: MLV 1013 (or simultaneous enrollment in MLV 1013). (1,0,2)

- MLT 1212 — Urinalysis/Body Fluids.** Introduction to urinalysis and laboratory analysis of miscellaneous body fluids. Basic principles of routine and special urine tests, specimen examination through laboratory work. Theory and test profiles presented for miscellaneous body fluids with correlation to diseased states. Prerequisite: MLV 1013 (or simultaneous enrollment in MLV 1013). (2,1,2)
- MLT 1313 — Hematology I.** A study of the function of blood; morphology, and maturation of normal cells; blood cell counts, differentiation of white cells; blood collection and handling. Included is an introduction to the study of abnormal cell morphology and diseases involving blood cells and test procedures used in laboratory diagnosis of hematological disease (anemia, leukemia, etc.). Prerequisites: MLV 1013, MLT 1111, 1212, 2612. (3,2,2)
- MLT 1324 — Hematology II.** The study of abnormal cell morphology and diseases involving blood cells, test procedures used in laboratory diagnosis of hematological disease, normal and abnormal hemostasis, and diagnostic procedures for evaluation of bleeding abnormalities and anticoagulant therapy. Prerequisites: MLT 1313, 1413; simultaneous enrollment in MLV 1023. (4,2,4)
- MLT 1413 — Immunology/Serology.** Basic principles of serology/immunology; theory and performance of routine serology tests. Prerequisites: MLV 1013, MLT 1111, 1212, 2612. (3,2,2)
- MLT 1515 — Clinical Chemistry.** Study of human biochemistry as an aid in the diagnosis of disease processes. Chemistry procedures performed on body fluids for aiding in diagnosis of disease processes. Prerequisites: MLT 1313, 1413; simultaneous enrollment in MLV 1023. (5,3,4)
- MLT 2424 — Immunohematology.** Collection, processing, storage, and utilization of blood components. Study of immunological principles and procedures for blood typing, cross matching, antibody detection, and identification. Investigation of hemolytic disease of the newborn. Prerequisites: MLT 1313, MLT 1413; simultaneous enrollment in MLV 1023. (4,2,4)
- MLT 2612 — Parasitology.** This course covers the morphology, physiology, life cycles, and epidemiology of parasites of animals with emphasis on human pathogenic parasites. Identification of the parasites from human material is also included. Prerequisite: MLV 1013 (or simultaneous enrollment in MLV 1013). (2,1,2)
- MLT 2714 — Pathogenic Microbiology.** Basic skills, principles, and techniques for staining, culturing, isolation, and identification of micro-organisms of medical importance are emphasized in this course. Included are techniques used in determining the sensitivity of pathogenic bacteria to different antibiotic and other drugs. Prerequisites: MLT 1313, 1413; simultaneous enrollment in MLV 1023. (4,2,4)
- MLT 2816 — Clinical Practice I.** Clinical practice and instruction in a clinical affiliate. Areas covered are hematology, clinical chemistry, immunohematol-

ogy, urinalysis, microbiology, coagulation, and serology. Prerequisites: MLV 1023, MLT 1324, 1515, 2424, 2714. (6,0,24)

MLT 2826 — Clinical Practice II. A continuation of MLT 2816. Prerequisite: Simultaneous enrollment in MLT 2816. (6,0,24)

MLT 2836 — Clinical Practice III. A continuation of MLT 2826. Prerequisite: MLT 2826. (6,0,24)

MLT 2846 — Registry/Certification Exam Prep. An in-depth study and review of material covered in the above courses. Designed to prepare the student for the national registry/certifying exams. Prerequisites: MLT 2816, MLT 2826, simultaneous enrollment in MLT 2836. (6,6,0)

ORNAMENTAL HORTICULTURE 7150

(Perkinston Campus)

Ornamental horticulture is the art and science of producing, processing, distributing, maintaining, and using ornamental plants. It includes landscaping which is the art and science of selecting, arranging, planting, and caring for plant materials in the proper manner in order to enrich outdoor space for enjoyable use. Training in this field will enable the graduate to find employment in greenhouse and nurseries, grounds maintenance, parks and landscape concerns. Modern garden centers require trained persons for sales and services, as do landscape contractors.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ENG 1113	English Composition.....	3	
CHE 1314	Principles of Chemistry I	4	
AGR 1313	Plant Science.....	3	
MAT 1313	College Algebra*.....	3	
OHT 1124, 1134	Plant Materials I, II.....	4	4
GRA 1112	Engineering Drawing.....		2
BAT 1113	Introduction to Business		3
SPT 1113	Oral Communication.....		3
	Restricted Elective **.....		3
SOPHOMORE YEAR			
PSC 1113	American Government	3	
OHT 2173	Garden Center Management	3	
RT 2093	Plane Surveying.....	3	
OHT 2143, 2153	Greenhouse and Nursery Management I, II.....	3	3
OHT 2123, 2133	Landscape Development I, II	3	3
OHT 2164	Grounds Maintenance.....		4
OHT 2103	Plant Propagation.....		3
AGR 2314	Soils.....		4

* MAT 1233 — Intermediate Algebra or higher mathematics course may be substituted.

** Literature, Mathematics, Science, Psychology, Social Studies, History, or Art.

- OHT 1124 — Plant Materials I.** This course is designed to provide the student with a practical knowledge of plant identifications, landscape use and care of the important ornamental shrubs, trees, vines, flowers, and grasses adapted to southern conditions. (4,1,6)
- OHT 1134 — Plant Materials II.** A continuation of OHT 112. (4,1,6)
- OHT 2103 — Plant Propagation.** The scientific principles as a basis for practice in the propagation of ornamental plants. Propagation by seeds, cuttings, grafting, and budding are considered from a practical commercial production viewpoint. (3,1,4)
- OHT 2123 — Landscape Development I.** Application of the principles of design to create a functional landscape using plant materials. The organization of outdoor space around the house and public places. Pest control and general maintenance of plants. (3,1,4)
- OHT 2133 — Landscape Development II.** The execution of landscape architecture plans including plan layout, soil preparation, plant selection, and setting and cost analysis. Pest control and general landscape maintenance. (3,1,4)
- OHT 2143 — Greenhouse and Nursery Management I.** A study of management practices involved in the commercial production of ornamental horticulture crops which covers crop programming and oil syntheses for specialized crops. (3,1,4)
- OHT 2153 — Greenhouse and Nursery Management II.** A continuation of OHT 2143. (3,1,4)
- OHT 2164 — Grounds Maintenance.** Principles and techniques required for proper maintenance of landscaped grounds. This includes pruning or mowing, fertilization, irrigation, mulching, insect and disease identification and control. Areas of interest are lawns, ground covers, flower beds, trees and shrubs. (4,1,6)
- OHT 2173 — Garden Center Management.** This course is designed to give the horticultural student a practical guide to garden center management. Emphasis will be given to financial planning, selection, pricing, and merchandising materials, advertising and maintenance of plant materials. (3,1,4)

PARALEGAL TECHNOLOGY

(Jefferson Davis Campus)

The Paralegal Technology program is an Associate Degree program designed to offer a student the opportunity to become a technically qualified assistant and to prepare for employment by attorneys or in other law related occupations, such as banking and finance, insurance, real estate and governmental agencies. The objective of this program is to produce technically qualified skills of legal

research, laws, procedures, and documents in family law, criminal law, tort law, trusts and the law of real property.

The Paralegal Technology program consists of the following courses:

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
BST 1613	Business English.....	3	
PAT 1013	Introduction to Paralegalism.....	3	
BST 1113	Typing I or		
BST 1123	Typing II.....	3	
RT 1063	Technical Writing.....		3
BST 2513B	Word Processing I.....	3	
ACC 1213	Principles of Accounting.....		3
BST 2523	Word Processing II.....		3
PAT 1023	Legal Research and Vocabulary.....		3
PAT 1113	Introduction to Law in American Society.....	3	
ENG 1113	English I.....		3
BST 1813	Microcomputer Application.....		3
SOPHOMORE YEAR			
BIO 1133	General Biology or		
PHY 2243	Physical Science.....	3	
SPT 1113	Oral Communication.....	3	
PAT 2013	Civil Litigation and Rules of Civil Procedures.....		3
RET 2013	Real Estate Principles and Abstracting.....		3
CRJ 2323	Criminal Law/Evidence.....	3	
BAT 2413	Business Law.....	3	
PAT 2113	Trial Procedures for the Paralegal.....		3
SEC 1213	Shorthand.....	3	
PAT 2213	Tort Law and Worker's Compensation.....		3
	Elective*.....	3	
BST 2313	Database Management.....		3

*Must be taken in Psychology or Social Studies.

PAT 1013 — Introduction to Paralegalism. An introduction to the field of Paralegalism including the history and scope of the profession. Three (3) semester hours.

PAT 1023 — Legal Research and Vocabulary. A summary of primary and secondary legal sources including reports, digests, statutes, citations, vocabulary, and other basic materials used in legal research. Three (3) semester hours.

PAT 1113 — Introduction to Law in American Society. This basic course covers the inception and scope of law in American Society which includes a study of the court structure and legal profession. Three (3) semester hours.

PAT 2013 — Civil Litigation and Rules of Civil Procedures. An introduction to the rules of civil procedures utilized in civil litigation. Three (3) semester hours.

- PAT 2113 — Trial Procedures for the Paralegal.** An introduction for the Paralegal in the investigation of a matter in litigation and preparation for the trial of a matter in litigation. Three (3) semester hours.
- PAT 2213 — Tort Law and Worker's Compensation.** An introduction for the Paralegal to various areas of law including torts and worker's compensation remedies to enable the Paralegal to distinguish and recognize various actions and defenses available under the law. Three (3) semester hours.
- ACC 1213 — Principles of Accounting.** This course is designed to give an understanding of recording, classification, and summarization of business transactions and events with insight into interpretation and reporting of the resulting effects upon the business. Previous knowledge of accounting is not required for ACC 1213. Three (3) semester hours.
- CRJ 2323 — Criminal Law/Evidence.** Criminal evidence presented with a practical insight into the rules of evidence; kinds of degrees; and considerations governing the admissibility of evidence in court. Three (3) semester hours.
- BAT 2413 — Business Law.** This course is designed to acquaint the students with the fundamental principles of law as they relate to the basic legal problems of business transactions in our economy. Special attention will be given to an introduction to law, law of contracts, agencies and employment, negotiable instruments, and commercial paper. Three (3) semester hours.
- BST 1113 — Beginning Typewriting I.** Introduction to the keyboard with emphasis on developing correct typewriting techniques and applying this acquired skill to the typewriting of business letters, tables, outlines, and manuscripts. Three (3) semester hours.
- BST 1123 — Typewriting II.** Continuation of drills for speed and accuracy and the study of letter styles, business forms, manuscripts, and tabulation. Prerequisite: Beginning Typewriting I or equivalent. Three (3) semester hours.
- BST 1813 — Microcomputer Applications.** Introduction to the microcomputer and to various software applications — disk operating system, word processing, database management, graphics, and electronic spreadsheet applications. Prerequisite: Typewriting/Keyboarding. Three (3) semester hours.
- BST 2513 — Word Processing I.** Skill development in utilizing and applying word processing software on microcomputers. Prerequisite: Typewriting/Keyboarding. Three (3) semester hours.
- BST 2523 — Word Processing II.** A continuation of Word Processing I emphasizing mail merging and spell checking. Prerequisite: Word Processing I. Three (3) semester hours.
- BST 1613 — Business English.** This course is designed to review correct English usage including parts of speech, word choice, punctuation, and capitalization with emphasis on those aspects of English that are directly applicable to the writing of effective business letters. Three (3) semester hours.

RET 2013 — Real Estate Principles and Abstracting. This course deals with the nature of the real estate market, types of ownership of property, contracts, methods of transferral of title, instruments used in transfer, title closing, financing, property management, insuring, abstracting, and appraising. Three (3) semester hours.

BUSINESS AND OFFICE TECHNOLOGY

Two-Year Programs

The overall objective of the Business Technology program is to provide business training in theory and practical applications necessary for employment in business, industry, government agencies, and professional areas. The curriculum consists primarily of training to provide employable skills using up-to-date procedures, processes, and equipment.

The Associate of Applied Science degree is awarded for successful completion of any one of the following Business Technology programs: Administrative Support Services, Management, Information Processing, or Court Reporting.

These programs are not designed for transfer to a senior college or university. They are designed for immediate employment preparation.

Each program consists of at least 64 semester hours credit.

ADMINISTRATIVE SUPPORT SERVICES

The Administrative Support Services program is an associate degree program designed to offer a student the opportunity to become an administrative secretary or an administrative aide. The objective of this program is to provide training necessary for a career in one of these two areas.

ADMINISTRATIVE SECRETARY 7170

(Jackson County, Jefferson Davis and Perkinson Campuses)

The Administrative Secretarial curriculum provides training for employment as a secretary in organizations of each description. Duties range from taking and transcribing dictation, typewriting, filing, processing mail, and answering the telephone, to more complex work such as writing letters, conducting research and preparing statistical reports.

	SEMESTER HOURS	
	1 Sem.	2 Sem.
FRESHMAN YEAR		
BST 1113 or 1123	Typewriting I or II*	3
BIO 1134 or	General Biology or	
PHY 2244	Physical Science.....	4
BAT 1313	Business Math.....	3
BST 1413	Intro. to Information Processing	3
BST 1613	Business English.....	3
ACT 1213	Principles of Accounting I.....	3
ENG 1113	English I	3
BST 1313	Records Management.....	3
BST 1522	Electronic Calculators.....	2
BST 1813	Microcomputer Application.....	3
BST 1123 or 2113	Typewriting II or III	3

SOPHOMORE YEAR

BST 2113	Typewriting III or Business	3	
BST 1213	Shorthand I	3	
BST 2613	Business Communication	3	
	Elective ***	3	
BST 1513	Machine Transcription	3	
BST 2513	Word Processing I	3	
BST 1223	Shorthand II		3
SPT 1113	Oral Communication		3
BST 2523	Word Processing II		3
BST 2413	Office Procedures		3
ECO 2113	Principles of Economics I		3

*BST 1113 may be bypassed if student has had sufficient typewriting instruction at the high school level.

***Must be taken in Psychology or Social Studies.

ADMINISTRATIVE AIDE 7171

(Jackson County, Jefferson Davis and Perkinson Campuses)

Completion of the Administrative Aide curriculum gives an understanding of general business activities required of all office employees for occupational competence.

Typical jobs are typist, receptionist, machine transcriptionist, word processor, and recordkeeper.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
BST 1113 or 1123	Typewriting I or II*	3	
BAT 1113	Introduction to Business	3	
BAT 1313	Business Math	3	
BST 1413	Intro. to Information Processing	3	
BST 1613	Business English	3	
ACT 1213	Principles of Accounting I		3
ENG 1113	English I		3
BST 1313	Records Management		3
BST 1813	Microcomputer Application		3
BST 1522	Electronic Calculators		2
BST 1123 or 2113	Typewriting II or III		3
SOPHOMORE YEAR			
BST 2113	Typewriting III or Business	3	
BST 2613	Business Communication	3	
BST 1513	Machine Transcription	3	
BST 2513	Word Processing I	3	
	Elective ***	3	
SPT 1113	Oral Communication	3	
ECO 2113	Principles of Economics I		3
BST 2413	Office Procedures		3
BST 2523	Word Processing II		3
BAT 2113	Administrative Office Management		3

BIO 1134 or PHY 2244	General Biology or Physical Science.....	4
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*BST 1113 may be bypassed if student has had sufficient typewriting instruction at the high school level.

***Must be taken in Psychology or Social Studies.

MANAGEMENT

An Associate Degree with a concentration in management prepares students for administrative positions in a wide variety of career settings — business, industry, educational institutions, governmental or social services agencies.

BUSINESS MANAGEMENT

(Jackson County, Jefferson Davis and Perkinson Campuses)

Students in Business Management study the financial and structural side of organization — accounting, management, processing, economics — as well as the human side — supervision, communication skills, organizational behavior and psychology.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
BST 1113 or 1123	Typewriting I or II.....	3	
BAT 1313	Business Math.....	3	
BST 1413	Intro. to Information Processing	3	
BST 1613	Business English.....	3	
ACT 1213	Principles of Accounting I.....	3	
ACT 1223	Principles of Accounting II.....		3
ENG 1113	English I		3
SPT 1113	Oral Communication.....		3
BST 1813	Microcomputer Application.....		3
BAT 1113	Introduction to Business		3
ECO 2113	Principles of Economics I.....		3
SOPHOMORE YEAR			
	Elective*.....	3	
BAT 2613	Principles of Business Finance	3	
BST 2613	Business Communication.....	3	
BST 2313	Data Base Management	3	
BAT 2413	Business Law	3	
ACT 1233	Computerized Accounting.....	3	
BIO 1134 or PHY 2244	General Biology or Physical Science.....		4
ECO 2123	Principles of Economics II.....		3
BST 2713	Electronic Spreadsheet Applications.....		3
BAT 2113	Administrative Office Management.....		3
ACT 2313	Cost Accounting.....		3

*Must be taken in Psychology or Social Studies.

INFORMATION PROCESSING

This is an era of high technology — the age of information processing. To maintain a competitive edge in this fast-paced world, dynamic organizations sense a critical need to do more work in less time, thus generating reduced cost. As a result, high levels of productivity are required. To attain such a far-reaching goal, managers rely on benefits of progressively more powerful technologies, which include new concepts and new equipment as well as more highly qualified personnel.

The information processing program provides this specialized training through three curriculums: Accounting, Technology, Microcomputer Specialist, and Word Processing. Upon successful completion of one of these curriculums, the student will be awarded the Associate of Applied Science degree.

ACCOUNTING TECHNOLOGY 7173

(Jackson County, Jefferson Davis and Perkinston Campuses)

The Accounting curriculum is designed to prepare individuals for employment opportunities in the accounting field. Upon successful completion, the students should be prepared for accounting positions in business and industry, governmental agencies, and public accounting firms.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
BST 1113 or 1123	Typewriting I or II**	3	
BAT 1313	Business Math	3	
BST 1413	Intro. to Information Processing	3	
BST 1613	Business English	3	
ACC 1213	Principles of Accounting I	3	
BST 1522	Electronic Calculators		2
ACT 1223	Principles of Accounting II		3
ENG 1113	English I		3
BST 1813	Microcomputer Application		3
BAT 1113	Introduction to Business		3
ECO 2113	Principles of Economics I		3
SOPHOMORE YEAR			
ACC 2413	Income Tax Accounting	3	
BAT 2413	Business Law	3	
BST 2313	Data Base Management	3	
ACT 1233	Computerized Accounting	3	
BAT 2613	Principles of Business Finance	3	
BST 2613	Business Communication	3	
	Elective*		3
BAT 2113	Administrative Office Management		3
BST 2713	Electronic Spreadsheet Applications		3
ACT 2313	Cost Accounting		3
SPT 1113	Oral Communication		3
BIO 1134	General Biology or		
PHY 2244	Physical Science		4

* Must be taken in Psychology or Social Studies.

** BST 1113 may be bypassed if student has had sufficient typewriting instructions at the high school level.

MICROCOMPUTER SPECIALIST 7174

(Jackson County, Jefferson Davis and Perkinson Campuses)

The Microcomputer Specialist curriculum is designed to train students to work effectively in a variety of businesses and industries that use microcomputers to support their business functions. The curriculum consists of specialized micro-computer courses and related business courses.

The Microcomputer Specialist curriculum will prepare the student for career opportunities in governmental agencies; transportation, communications, and utility companies, small businesses; banking, insurance, and service industries — legal, medical, accounting, and education.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
BST 1113 or 1123	Typewriting I or II.....	3	
BAT 1113	Introduction to Business.....	3	
BAT 1313	Business Math.....	3	
BST 1413	Intro. to Information Processing.....	3	
BST 1613	Business English.....	3	
ACT 1213	Principles of Accounting I.....		3
ENG 1113	English I.....		3
BST 1313	Records Management.....		3
	Elective*.....		3
BST 1522	Electronic Calculators.....		2
BST 1813	Microcomputer Application.....		3
SOPHOMORE YEAR			
ECO 2113	Principles of Economics I.....	3	
ACT 1233	Computerized Accounting.....	3	
BST 2613	Business Communication.....	3	
BST 2313	Data Base Management.....	3	
BST 2513	Word Processing I.....	3	
CST 1213	BASIC Programming I.....	3	
BST 2713	Electronic Spreadsheet Applications.....		3
BAT 2113	Administrative Office Management.....		3
BST 2523	Word Processing II.....		3
SPT 1113	Oral Communication.....		3
BIO 1134	General Biology or		
PHY 2244	Physical Science.....		4
CST 1223	Basic Programming II.....		3

*Must be taken in Psychology or Social Studies.

WORD PROCESSING 7175

(Jackson County, Jefferson Davis and Perkinson Campuses)

The Word Processing curriculum is designed to provide the specialized training necessary to work in the sophisticated electronic environment of today's modern offices. Upon successful completion of this program, the students should be prepared for positions as word processors, supervisors of word processors and managers of word processing operations.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
BST 1113 or 1123	Typewriting I or II*	3	
BIO 1134	General Biology or		
PHY 2244	Physical Science.....	4	
BAT 1313	Business Math.....	3	
BST 1413	Intro. to Information Processing	3	
BST 1613	Business English.....	3	
ACC 1213	Principles of Accounting I.....	3	
ENG 1113	English I		3
BST 1313	Records Management.....		3
BST 1522	Electronic Calculators.....		2
BST 1813	Microcomputer Application.....		3
BST 1123 or 2113	Typewriting II or III		3
SOPHOMORE YEAR			
	Elective**	3	
BST 2313	Data Base Management	3	
BST 2513	Word Processing I	3	
BST 1513	Machine Transcription	3	
BST 2113	Typewriting III or Elective***.....	3	
BST 2613	Business Communication.....	3	
BST 2523	Word Processing II		3
BST 2413	Office Procedures.....		3
BAT 2113	Administrative Office Management.....		3
ECO 2113	Principles of Economics I		3
SPT 1113	Oral Communication I.....		3

*BST 1113 may be bypassed if student has had sufficient typewriting instruction at the high school level.

**Must be taken in Psychology or Social Studies.

***Students who bypassed BST 1113 will schedule an elective.

COURT REPORTING 7176

(Perkinston Campus)

This associate degree program prepares students for employment as appointed and/or free-lance court reporters as well as general or legal secretaries.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
BST 1113 or 1123	Typewriting I or II*	3	
BST 1413	Intro. to Information Processing	3	
BAT 1313	Business Math	3	
BST 1613	Business English	3	
BST 1243	Machine Shorthand I	3	
ENG 1113	English I		3
BST 1313	Records Management		3
BST 1123 or 2113	Typewriting II or III		3
BST 1253	Machine Shorthand II		3
	Elective**		3
BST 1813	Microcomputer Application		3
SOPHOMORE YEAR			
BST 2243	Machine Shorthand III	3	
BST 2113	Typewriting III or Elective***	3	
BST 2613	Business Communication	3	
BAT 2413	Business Law	3	
BST 2513	Word Processing I	3	
BST 1513	Machine Transcription	3	
BST 2253	Machine Shorthand IV		3
ECO 2113	Principles of Economics I		3
BST 2523	Word Processing II		3
SPT 1113	Oral Communication		3
BIO 1134	General Biology or		
PHY 2244	Physical Science		4

*BST 1113 may be bypassed if student has had sufficient typewriting instruction at the high school level.

**Must be taken in Psychology or Social Studies.

***Students who bypassed BST 1113 will schedule an elective.

ONE-YEAR PROGRAMS

A diploma is awarded for successful completion of one of the following one-year programs: Administrative Secretary or Administrative Aide.

These programs are not designed for transfer to a senior college or university. They are designed for immediate employment preparation.

ADMINISTRATIVE SECRETARY 7177

(Jackson County, Jefferson Davis and Perkinson Campuses)

FRESHMAN YEAR		SEMESTER HOURS	
		1 Sem.	2 Sem.
BST 1613	Business English.....	3	
BST 1213	Shorthand I.....	3	
BST 1113 or 1123	Typewriting I or II.....	3	
BAT 1313	Business Math.....	3	
BST 1313	Records Management.....	3	
BST 1813	Microcomputer Application.....	3	
BST 1223	Shorthand II.....		3
BST 1123 or 2113	Typewriting II or III.....		3
BST 1522	Electronic Calculators.....		2
BST 2413	Office Procedures.....		3
BST 2613	Business Communication.....		3
ENG 1113	English I.....		3
BST 2513	Word Processing I.....		3

ADMINISTRATIVE AIDE 7178

(Jackson County, Jefferson Davis and Perkinson Campuses)

FRESHMAN YEAR		SEMESTER HOURS	
		1 Sem.	2 Sem.
BST 1613	Business English.....	3	
BST 1113 or 1123	Typewriting I or II.....	3	
BAT 1313	Business Math.....	3	
BST 1413	Intro. to Information Processing.....	3	
BST 1313	Records Management.....	3	
BST 1123 or 2113	Typewriting II or III.....		3
ENG 1113	English I.....		3
BST 1522	Electronic Calculators.....		2
BST 2413	Office Procedures.....		3
BST 2513	Word Processing I.....		3
BST 1813	Microcomputer Application.....		3

COMPUTER TECHNOLOGY 7032

(Jackson County and Jefferson Davis Campuses — Two Years)

This two-year technical curriculum provides students with a knowledge of business information systems and a firm background in computer programming with its business/industry applications.

The curriculum is designed to prepare individuals to analyze and design computer systems which consist of writing, testing, monitoring, debugging, implementing, and maintaining computer programs and operating peripheral hardware.

In addition, students will learn accounting procedures and their relationships with computerized business applications.

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
ECO 2113	Economics I	3	
BST 1813	Microcomputer Application.....	3	
CTY 1013	Intro. to Computer Technology.....	3	
ACT 1213	Accounting I	3	
BST 1113	Typewriting I	3	
ENG 1113	English I	3	
ACT 1223	Accounting II		3
MAT 1313	College Algebra		3
ENG 1123	English II		3
BST 2613	Business Communication.....		3
CTY 1823	BASIC Programming.....		3
CTY 1813	RPG Programming I.....		3
CTY 1213	FORTRAN I.....		3
SOPHOMORE YEAR			
	Electives*	6	
CTY 2113	FORTRAN Programming II.....	3	
ACT 2313	Cost Accounting.....	3	
CTY 2813	COBOL Programming I	3	
CTY 2833	COBOL Programming II		3
CTY 2223	Pascal Programming I.....		3
CTY 2123	Systems Analysis and Design.....		3
BAT 2323	Business Statistics		3
BST 2713	Electronic Spreadsheet Applications.....		3

*Electives — 6 hours to be selected from SOC 2113, PSY 1513, HIS 1163, PSC 1113, GEO 1123.

ACT 1213-1223 — Principles of Accounting. These courses are designed to give students an understanding of recording, classifying, and summarizing of business transactions and events with insight into interpretation and reporting of the resulting effects upon the business. Previous knowledge of book-keeping or accounting is not required for ACT 1213. Prerequisite for ACT 1223 is ACT 1213. (3,3,0)

- ACT 1233 — Computerized Accounting.** Application of the accounting process using a microcomputer. Prerequisites: Typewriting/Keyboarding and ACT 1213. (3,2,2)
- ACT 2313 — Cost Accounting.** This course is a study of the application of accounting principles to job order, process cost, and standard cost systems. Prerequisites: ACT 1213-1223. (3,2,2)
- ACT 2413 — Income Tax Accounting.** Study of current state and federal income tax returns, partnership tax returns, sales tax reports, and payroll tax reports. Prerequisites: Principles of Accounting I and II. (3,3,0)
- BAT 1113 — Introduction to Business.** This course is designed to provide the student with a general background of the nature of business and a preliminary idea of the various areas of business specialization. (3,3,0)
- BAT 1313 — Business Mathematics.** Review of the four fundamental operations of arithmetic giving a systemic treatment of the topics which one might encounter in daily affairs. (3,3,0)
- BAT 2113 — Administrative Office Management.** Study of the principles of management as applied to office organization, supervision, space management, labor-management relations, ergonomics, forms and reports, telecommunications, and information processing. (3,3,0)
- BAT 2323 — Business Statistics.** An introduction to basic statistics. Topics covered include measures of central tendency and variability, confidence intervals, hypotheses testing, t-distribution, and regression and correlation analysis. (3,3,0)
- BAT 2413 — Business Law.** This course is designed to acquaint the student with the fundamental principles of law as they relate to the basic legal problems of business transactions in our economy. Special attention will be given to an introduction to law, law of contracts, agencies and employment, negotiable instruments, and commercial paper. (3,3,0)
- BAT 2613 — Principles of Business Finance.** Study of how financial data are gathered, analyzed, and used by management in planning and controlling business activities. (3,3,0)
- BST 1113 — Beginning Typewriting I.** Introduction to the keyboard with emphasis on developing correct typewriting techniques and applying this acquired skill to the typewriting of business letters, tables, outlines, and manuscripts. (3,2,2)
- BST 1123 — Intermediate Typewriting II.** Continuation of drills for speed and accuracy and the study of letter styles, business forms, manuscripts, and tabulation. Prerequisite: Beginning Typewriting I or equivalent. (3,2,2)
- BST 1213 — Shorthand I.** Introduction to the theory and practice of shorthand with emphasis on the development of speed and accuracy in reading and writing. Prerequisite or corequisite: Typewriting. (3,2,2)

- BST 1223 — Shorthand II.** Review of the principles of shorthand with emphasis on speed and accuracy in dictation and transcription. Prerequisites: Shorthand I or equivalent and Typewriting. (3,2,2)
- BST 1243 — Stenograph Machine Shorthand I.** A beginning course in machine shorthand with emphasis on keyboard and theory. (3,2,2)
- BST 1253 — Stenograph Machine Shorthand II.** A continuation of stenograph machine shorthand I, including a review of the principles and beginning speed development. Timed dictation on easy material. Prerequisite: Stenograph Machine Shorthand I. (3,2,2)
- BST 1313 — Records Management.** Introduction to the major filing systems with emphasis on information retrieval, retention and disposal of records, and selection of supplies and equipment. Prerequisite or corequisite: Typewriting/Keyboarding. (3,2,2)
- BST 1413 — Introduction to Information Processing.** Introduction to information systems — their design, organization, and administration. An overview of information processing technologies; data, word, and voice processing; telecommunications, reprographics, records management, and electronic mail. (3,3,0)
- BST 1513 — Machine Transcription.** Instruction in the use of transcribing machines to prepare mailable business correspondence. Prerequisites: Typewriting and Business English. (3,2,2)
- BST 1522 — Electronic Calculators.** Study of the touch system in operation of electronic calculators with business math applications. (2,1,2)
- BST 1613 — Business English.** This course is designed to review correct English usage including parts of speech, word choice, punctuation, and capitalization with emphasis on those aspects of English that are directly applicable to the writing of effective business letters. (3,3,0)
- BST 1711 — Keyboarding.** The development of basic touch operation keyboarding skill of the alphabetic keyboard, figure keys, and 10-key numeric pad; familiarization with the symbol keys to operate them with some visual assistance. (1,1,0)
- BST 1813 — Microcomputer Applications.** Introduction to the microcomputer and to various software applications — disk operating system, word processing, database management, graphics, and electronic spreadsheet applications. Prerequisite: Typewriting/Keyboarding. (3,2,2)
- BST 2113 — Advanced Typewriting III.** Special communication forms, all letter styles, statistical reports, business forms, and legal reports are included in this course. Speed, control, and production are emphasized. Prerequisite: Intermediate Typewriting. (3,2,2)
- BST 2243 — Stenograph Machine Shorthand III.** A continuation of Stenograph Machine Shorthand II for intermediate and advanced speed development. Carefully graded and timed practice material. Writing vocabulary devel-

oped along with speed. Prerequisite: Stenograph Machine Shorthand II. (3,2,2)

BST 2253 — Stenograph Machine Shorthand IV. A continuation of Stenograph Machine Shorthand III. Practice for court reporters. Reporting abbreviations and phrases for the Court Room and well graded extracts from actual court cases. Prerequisite: Stenograph Machine Shorthand III. (3,2,2)

BST 2313 — Database Management. Introduction to database concepts using a data management program to create files, enter and update data, and retrieve information. Prerequisites: Introduction to Information Processing and Typewriting/Keyboarding. (3,2,2)

BST 2413 — Office Procedures. Study and application of modern office systems and practices. Prerequisite: Typewriting/Keyboarding. (3,3,0)

BST 2513 — Word Processing I. Skill development in utilizing and applying word processing software on microcomputers. Prerequisites: Typewriting/Keyboarding and Introduction to Information Processing. (3,2,2)

BST 2523 — Word Processing II. A continuation of Word Processing I emphasizing mail merging and spell checking. Prerequisite: Word Processing I. (3,2,2)

BST 2613 — Business Communication. This course emphasizes the principles of effective reporting and letter writing with practice in the preparation of business letters such as sales, credit, collection, and application. Prerequisites: Typewriting and Business English. (3,3,0)

BST 2713 — Electronic Spreadsheet Applications. Introduction to the electronic spreadsheet and the construction and use of spreadsheets as an aid to management decision making. Prerequisites: Introduction to Information Processing, Accounting I, Business Math, and Typewriting/Keyboarding. (3,2,2)

CST 1213 — BASIC Programming I. Introduction to computer programming in the BASIC language with emphasis on designing, entering, and running limited programs. Prerequisite: Typewriting/Keyboarding. (3,2,2)

CST 1223 — BASIC Programming II. This course is a continuation of the study of BASIC Programming I with emphasis on file access techniques, program design, and computer generated screen design. Prerequisite: BASIC I (3,2,2)

CTY 1013 — Introduction to Computer Technology. Survey of computer technology manual systems through computer systems. Emphasis on practical application of computer technology to business problems. An overview of the computer industry and computer programming. (3,2,2)

CTY 1213 — FORTRAN Programming I. Basic understanding of numerical solution of problems using the FORTRAN language. The emphasis is on carefully selected and highly practical methods for handling a variety of mathematical statistical and accounting problems. Prerequisite: CTY 1013. (3,2,2)

- CTY 1813 — RPG I.** Designed to introduce the student to the Report Program Generator programming language. Practice in writing, compiling, debugging, testing, and documenting RPG programs which utilize the basic features of the language. (3,2,2)
- CTY 1823 — BASIC Programming.** Designed to teach the student the fundamental concepts and structures in computer programming using the BASIC computer language. As the student progresses through the course, he/she will learn how to formulate workable BASIC programs. These concepts will, in turn, teach the student concepts and structures needed in other programming languages. Prerequisite: CTY 1013. (3,2,2)
- CTY 2113 — FORTRAN Programming II.** A continuation of 1213 teaches the practical use of the FORTRAN language for solving a variety of mathematical, statistical, and accounting problems. Prerequisite: TDP 1213. (4,3,2)
- CTY 2123 — Systems Analysis and Design.** Use of computer technology, equipment, and management sciences meeting information needs of business. Development of system analysis of present information flow, systems specifications and equipment selections, implementation of system. Prerequisite: CTY 2813; Corequisite: CTY 2833. (3,2,2)
- CTY 2223 — PASCAL Programming I.** Designed for use by beginners after minimal training. The features of a PASCAL program make it relatively easy for students to understand. The modularity of PASCAL's block structure further enhances its usefulness. Students are introduced to the language as a tool that extends their work in the classroom into realistic business data processing and computer information systems. (3,2,2)
- CTY 2813 — COBOL Programming I.** Introduction to the Common Business Oriented Language (COBOL). Practice in writing, compiling, debugging, testing, and documenting COBOL programs which utilize the basic features of language. Necessarily includes a study of flowcharting programs. (3,2,2)
- CTY 2833 — COBOL Programming II.** A continuation of COBOL Programming I. Designed to introduce advanced COBOL techniques to the student. Includes practice in writing, compiling, debugging, testing and documenting COBOL programs utilizing these advanced techniques. Includes a study in advanced flowcharting techniques. Prerequisite: CTY 2813. (3,2,2)

RADIOGRAPH (MEDICAL) TECHNOLOGY 7200

(Jackson County Campus)

Radiographers perform imaging examinations and accompanying responsibilities at the request of physicians qualified to prescribe and/or perform radiologic procedures. They utilize equipment emitting ionizing radiation, sound waves, or magnetic resonance images to produce radiographic images of the internal structures of human anatomy. These radiographic images are utilized by the physician to diagnose disease processes. The radiographer is responsible for all functions in the Radiology Department to insure consistent radiographic images and provide for personal and patient safety from radiation hazards. In addition to producing diagnostic images and primary patient care, other responsibilities may include administrative and educational functions.

Graduates of this program will be awarded an Associate of Applied Science Degree in Radiograph (Medical) Technology and are eligible to make application to a national certifying agency in order to become Registered Radiographers.

ADMISSION POLICIES

Acceptance into the Radiograph (Medical) Technology program is competitive. GPA from high school and/or college work completed, AC scores and scores on the personal interview will be considered as selection tools.

Students seeking admission must:

1. Complete all admissions requirements to MGCCC-Jackson County Campus.
2. Pick up an application packet from the office of the Program Director of the Radiograph (Medical) Technology Program or Vocational Counselor at the Jackson County Campus. Packets may be picked up at any time.
3. Application packets must be completed and in the office of the Program Director no later than April 1.
4. Achieve an ACT composite score of 18 on the enhanced version (AC taken after 1989). An official copy must be filed with the Office of Admissions.
5. Applicants having a score of less than 18 on the enhanced version of the ACT should meet with the Program Director or Vocational Counselor for guidance on special entrance requirements.
6. A personal interview with the Radiograph (Medical) Technology Admissions Committee will be scheduled for each applicant.

NOTE: Any student convicted of a felony will not be allowed to make application to the American Registry of Radiologic Technologists until all of his/her civil rights are fully restored.

		SEMESTER HOURS
FRESHMAN YEAR		
SUMMER SEMESTER (Second Five Weeks)		
BIO 1134	General Biology.....	3
RGV 1013	Essential Skills for Radiograph Medical Technology.....	3
FALL SEMESTER		
ENG 1113	English Composition I.....	3
BIO 2514	Human Anatomy and Physiology I.....	4
RGT 1111	Clinical Education I.....	1
RGT 1213	Introduction to Radiography.....	3
RGT 1312	Principles of Radiation Protection.....	2
RGT 1413	Radiation Exposure I.....	3
RGT 1513	Radiographic Procedures I.....	3
SPRING SEMESTER		
Elective	Humanities/Fine Arts.....	3
BIO 2524	Human Anatomy and Physiology II.....	4
RGT 1523	Radiographic Procedures II.....	3
RGT 1123	Clinical Education II.....	3
RGT 1712	Film Processing.....	2
RGT 1612	Radiation Physics I.....	2
RGT 1423	Radiation Exposure II.....	3
SUMMER SEMESTER (Full Ten Weeks)		
RGT 1139	Clinical Education.....	9
SOPHOMORE YEAR		
FALL SEMESTER		
Elective*	Social/Behavioral Sciences.....	3
RGT 2148	Clinical Education IV.....	8
MAT 1313	College Algebra.....	3
RGT 2622	Radiation Physics.....	2
RGT 2533	Radiographic Procedures III.....	3
SPRING SEMESTER		
SPT 1113	Speech.....	3
RGT 2157	Clinical Education V.....	7
RGT 2813	Clinical Imaging.....	3
RGT 2912	Radiation Biology.....	2
RGT 2922	Radiation Pathology.....	2
RGT 2542	Radiographic Procedures IV.....	2
SUMMER SEMESTER		
RGT 2167	Clinical Education*.....	7

*NOTE: Students will not get the May break in order to complete the clock hour requirements for this course by the end of the first five week session.

RGV 1013 — Essential Skills. This course is designed to provide the essential skills found in secondary allied health programs to students who cannot demonstrate mastery. Included is an introduction to the health careers field, the basic health sciences, and basic and advanced skills used in laboratory and clinical settings. (3,2,2)

- RGV 1111 — Clinical Education I.** Clinical practice and instruction in a clinical affiliate. Areas included are patient care and management, radiation protection, operation of equipment, and radiologic procedures. (1,0,3)
- RGT 1123 — Clinical Education II.** Clinical practice and instruction in a clinical affiliate. Areas included are patient care and management, radiation protection, operation of equipment, and radiologic procedures. (3,0,9)
- RGT 1139 — Clinical Education III.** Clinical practice and instruction in the clinical affiliate. Areas included are patient care and management, radiation protection, operation of equipment, and radiologic procedures. (9,0,27)
- RGT 1213 — Introduction to Radiography.** This course is an introduction to Radiologic Technology including professional, departmental, and historical aspects. Included are terminology, medical ethics, and legal concerns. Included are patient care procedures related to radiographic exams, body mechanics, emergency procedures for drug reactions and injured and critical care patients, and basic CPR techniques. (3,3,0)
- RGT 1312 — Principles of Radiation Protection.** A study of the effects of ionizing radiation, principles of patient and personnel protection, and personnel monitoring. (2,2,0)
- RGT 1413 — Radiation Exposure I.** This course is a study of principles involving manipulation of factors controlling and influencing exposure and radiographic quality. Included are factors controlling detail and distortion and geometric formation of the image. Basic technical conversions and problem solving procedures are addressed. (3,2,2)
- RGT 1423 — Radiation Exposure.** This course is a continuation of Radiation Exposure I. Included are the conditions influencing exposure factors including anatomical, pathological, and equipment variations dealing with contrast and density. Included are advanced technical conversions and problem solving procedures. Prerequisite: RGT 1413. (3,2,2)
- RGT 1513 — Radiographic Procedures I.** This course includes terminology, principles, and procedures involved in routine radiographic positioning for demonstration of the chest, abdomen, upper extremities, digestive system, and urinary system. Included is a review of radiographic anatomy on each procedure. (3,2,2)
- RGT 1523 — Radiographic Procedures II.** This course includes principles and procedures involved in the radiographic positioning of the spinal column, pelvic girdle, lower extremities, bony thorax, and the routine skull. Included is a review of radiographic anatomy on each procedure. (3,2,2)
- RGT 1612 — Radiation Physics I.** This course consists of a study of energy and matter, units of measurement, and basic principles of electronics and x-ray production. (2,1,2)
- RGT 1712 — Film Processing.** This course is an introduction to film processing including darkroom design and equipment. Included are chemistry of devel-

oping solution, procedures of general maintenance, quality control, and silver recovery methods.

RGT 2148 — Clinical Education IV. Clinical practice and instruction in a clinical affiliate. Areas included are patient care and management, radiation protection, operation of equipment, and radiologic procedures. (8,0,24)

RGT 2157 — Clinical Education V. Clinical practice and instruction in a clinical affiliate. Areas included are patient care and management, radiation protection, operation of equipment, and radiologic procedures. (7,0,21)

RGT 2167 — Clinical Education VI. Clinical practice and instruction in a clinical affiliate. Areas included are patient care and management, radiation protection, operation of equipment, and radiologic procedures. (7,0,21)

RGT 2524 — Radiographic Procedures IV. This course is a study of special radiographic procedures which utilize sterile techniques and/or specialized equipment. It also includes patient preparation and contrast media utilized for these procedures. Prerequisite: RGT 1523. (2,2,0)

RGT 2533 — Radiographic Procedures III. This course includes principles and procedures involved in radiographic positioning of the entire cranium and facial bones. Included is a review of radiographic anatomy on each procedure. Prerequisite: RGT 1523. (3,2,2)

RGT 2622 — Radiation Physics II. This course consists of a continuation of study of electronics, x-ray production, and control. Prerequisite: RGT 1612. (2,2,0)

RGT 2813 — Clinical Imaging. This course consists of various imaging equipment and an introduction to special radiographic equipment and advanced imaging modalities such as magnetic resonance imaging (MRI), conventional tomography, computed tomography (CT), digital imaging, and electronic imaging. (3,3,0)

RGT 2912 — Radiation Biology. A study of the biological effects of radiation upon living matter. It includes genetic and somatic effects, instrumentation for detection, and measurement and calculation of dosage. (2,1,2)

RGT 2922 — Radiation Pathology. This course is a study of the nature and causes of medical and surgical diseases related to diagnostic radiology. Included is a survey of radiographic methods to diagnose and/or detect disease. (2,2,0)

RELATED TECHNICAL COURSES

RT 1043 — Occupational Essentials. Acquaints students with the history and philosophy of vocational-technical education and occupational materials. Familiarizes students with employment testing, resume writing, and interview procedures. Helps student attain skills and attitudes in finding and maintaining a job. (3,3,0)

- RT 1063 — Technical Writing and Reports.** This is a learning-by-doing course in communication skills which emphasizes improvements in reading, note taking, and information gathering, technical thinking as well as technical writing. (3,3,0)
- RT 1073 — Technical Drawing.** Preliminary training is given in freehand drawing, shades and shadows, the use of instruments, geometric construction, isometric oblique and cabinet projection; the development of surfaces and intersections for sheetmetal work. Preliminary and special letter exercises are given. (3,2,2)
- RT 1083 — Technical Drawing.** This course offers advanced study of working drawing, detail and assembly, requiring self-reliance in the selection of views, sheet layout and manner of representation. Neatness, accuracy and economy of time are stressed. (3,2,2)
- RT 1103 — Technical Mathematics.** This course contains the fundamental rules and operations of algebra; basic concepts of plane and solid geometry; trigonometry and right triangles; vectors, algebraic factoring; algebraic functions; exponents and radicals. (3,3,0)
- RT 1113 — Technical Mathematics.** This course covers the trigonometric functions of angles; trigonometric identities; graphs of trigonometric functions; equations and inverse trig functions; complex numbers; exponentials and logarithmic functions; inequalities; matrices and matrix algebra. (3,3,0)
- RT 1114 — Industrial Safety.** As the result of completing this course the student will demonstrate the ability to function in the area of safety and first aid in industry. This will include medical aid procedures such as the use of emergency oxygen and cardio-pulmonary resuscitation and a working knowledge of OSHA procedures and regulations. (4,3,2)
- RT 1133 — Descriptive Geometry.** This course is designed to help solve drafting problems. A graphic study is made of the relative position of points, lines, planes, in space. Both auxiliary projections and rotations are used. Prerequisite: DR 1105. (3,2,2)
- RT 1141 — Metric System for Technicians.** Discussion of metric prefixes, metric lengths, metric areas, metric volumes, metric weights, metric temperatures, and the conversion of English or metric units into their counterparts. (1,1,0)
- RT 1153 — Technical Physics.** This course presents the fundamental principles, definitions, and terms of mechanics. (3,2,2)
- RT 1163 — Technical Physics.** This course deals with the fundamental principles of magnetism and electricity. (3,2,2)
- RT 1304 — Properties of Materials.** This course emphasizes fundamental concepts of materials structure such as atomic theory orbitals, chemical bonding, atom structures, determining atomic weight, properties of materials, and basic laboratory procedures in evaluating chemical characteristics. (4,2,4)

- RT 1324 — Properties of Materials.** This is a continuation of the procedures of RT 1304 with heavy emphasis on structure engineering materials such as metals, concretes, bonding agents, and coating. Comprehensive coverage of carbon chemistry and oxidization chemistry are important elements. (4,2,4)
- RT 2023 — Technical Communications.** An advanced course in oral and written communications. The communications instructor will coordinate with technical specialty instructors on oral and written student assignments in their specific technology. (3,3,0)
- RT 2043 — Foundations of Business.** This course is designed to acquaint students with the general aspects of the business and industrial world, the primary consideration is given to the area of human relations, legal responsibilities, and economic considerations. (3,3,0)
- RT 2083 — Industrial Relations.** This course deals with problems involving human relations and development of a foundation for dealing with superiors, associates, and subordinates. Practical discussions are held on applying for a job, including the application, interview, job evaluation and the first week on the job. (3,3,0)
- RT 2093-2103 — Plane Surveying.** A study is made of the theory and practice of surveying, including the use and care of instruments, land descriptions, and calculations, and the use of aerial photographs. Prerequisite: RT 1113. (3,2,2)
- RT 2113 — Metal Processing.** A study is made of the various methods by which metal can be shaped, formed and changed. Emphasis is placed on the study of design and strength of metals. Practice will include work on metal lathes, drill presses, strength-testing equipment, forging, and welding. (3,1,4)
- RT 2123 — Technical Mathematics.** This course covers: graphical methods of calculus; differentiation; and integration. (3,3,0)
- RT 2133 — Supervisory Training Techniques.** This includes a study of the supervisor's responsibility for developing employees through orientation and inductioning and on-the-job instruction; craft training; technical training; supervisory training and management development; cooperating with outside agencies; advisory committees. (3,3,0)
- RT 2233 — Hydraulic and Pneumatics.** This course covers introduction to hydraulics, principles of hydraulics in physics; fluids and piping; hydraulic pumps; hydraulic motors; control valves and gaging; accessory equipment; hydraulic circuit system designs; hydraulic power unit; pneumatic controls; pneumatic circuit design system designs; air and hydraulic cylinders; combination systems application and advantages. (3,2,2)
- RT 2304 — Properties of Materials.** This is an introductory course to organic chemistry. Heavy emphasis is placed on hydrocarbons and aliphatic compounds and their derivatives. (4,2,4)
- RT 2314 — Properties of Materials.** This is a continuation of RT 2304. In depth study of aromatic compounds and their derivatives is carried out. (4,2,4)

GROUP VIII: VOCATIONAL

Occupational education programs leading to MGCCC diplomas. Students who complete a minimum of 36 semester hours in a vocational education program may elect to pursue the Associate of Applied Science degree in occupational education. The following additional courses must be taken:

3 hours English Composition

3 hours Math or 4 hours Science

9 hours Social or Behavioral Sciences

9 additional hours of Math or Science (Elected from technical math, technical physics, college algebra, or college science)

6 additional hours elected from English, Speech, or Technical Writing

AIR CONDITIONING/REFRIGERATION 8000

(Jefferson Davis Campus)

The Air Conditioning/Refrigeration program is designed to satisfy the fundamental needs of the beginner in the field of air conditioning and refrigeration. It is programmed to enable the student to successfully enter and progress in the field of installation, service and repair at the advanced learner's level and to develop the basic knowledge and skill (after employment) for the improvement of his or her ability and employability.

The study of related basic theory and scientific principles are combined with practical application in varied laboratory exercises.

Major units of instruction are to be taken in sequence. Exceptions will be approved on an individual basis.

This is an open entry/open exit, self paced, individualized program.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements above).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VAC 1001	Orientation	1
VAC 1013	Safety	3
VAC 1022	Tools	2
VAC 1032	Tubing and Pipe	2
VAC 1043	Soldering and Welding	3
VAC 1053	Basic Compression Refrigeration	3
VAC 1064	Refrigerant System Servicing	4
VAC 1072	Fundamentals of Electricity	2
VAC 1082	Thermostats	2
VAC 1094	Electric Motors	4
VAC 1103	Wiring Diagrams	3
VAC 1114	Domestic Refrigeration Fundamentals	4
VAC 1123	Fundamentals of Window Air Conditioning	3
VAC 2003	Soft Soldering, Silver Brazing and Basic Oxyacetylene Welding	3
VAC 2013	Introduction to Heating	3
VAC 2023	Psychrometrics	3
VAC 2033	Heating Troubleshooting	3
VAC 2043	Air Distribution and Duct Design	3
VAC 2053	Load Calculations and Blueprint Reading	3
VAC 2063	Introduction to Air Conditioning	3
VAC 2074	Air Conditioning Controls	4
VAC 2084	Air Conditioning Troubleshooting	4
VAC 2093	Standard Mechanical Code and Local License Requirements	3
VAC 2104	Automobile Heating and Air Conditioning	4
VRE 1000	Employability Skills	
VRE 1010, 1020	Related Education	
(2160 Clock Hours)	TOTAL SEMESTER HOURS	72

VAC 1001 — Orientation. After completion of this unit, the student should be able to match air conditioning and refrigeration terms to the correct definitions. The student should also be able to state important developments in air conditioning and in mechanic refrigeration. One semester hour. (30 hours instruction)

VAC 1013 — Safety. After completion of this unit, the student should be able to recognize unsafe situations and rules for shop and personal safety. The student should also be able to select the correct fire extinguisher for the classes of fire and match the safety color code with statements of its use. Three semester hours. (90 hours instruction)

VAC 1022 — Tools. After completion of this unit the student should be able to identify the basic hand tools used in the trade. The student should also be able to demonstrate the proper use and care of these tools. Two semester hours. (60 hours instruction)

VAC 1032 — Tubing and Pipe. After completion of this unit, the student should be able to distinguish between different types of tubing and fittings. The stu-

dent should be able to select the proper size and type of tubing and fittings needed for a particular job. Two semester hours. (60 hours of instruction)

VAC 1043 — Soldering and Welding. After completion of this unit, the student should be able to use and care for the air-acetylene torch and the electric welder. The student should also be able to identify the components of the air-propane torch and select safety rules pertaining to soldering and welding. Three semester hours. (90 hours instruction)

VAC 1053 — Basic Compression Refrigeration. After completion of this unit, the student should be able to identify compressor, evaporators, condensers and connecting refrigerant lines, select the types of metering devices and indicate the state of the refrigerant system, label all components and show direction of refrigerant flow. Three semester hours. (90 hours of instruction)

VAC 1064 — Refrigerant System Servicing. After completion of this unit, the student should be able to define terms associated with pressurizing and leak testing, list the safety rules for pressurizing a refrigeration system and list the steps for determining if a leak exists. The student should also be able to arrange the steps for pressurizing and the use of soap bubbles, a halide torch and an electronic lead detector to find a refrigerant leak. Four semester hours. (120 hours of instruction)

VAC 1072 — Fundamentals of Electricity. After completion of this unit, the student should be able to match terms associated with electricity to correct definitions and list materials which are good insulators and conductors of electricity. The student should be able to distinguish between a series circuit, a parallel circuit and a series parallel circuit. The student should be able to use Ohm's law to calculate; voltage, current and resistance. The student should also be able to compute wattages. Two semester hours. (60 hours instruction)

VAC 1082 — Thermostats. After completion of this unit, the student should be able to match terms to their correct definition or descriptions and identify types of thermostats and their components. The student should also be able to demonstrate the ability to determine heat anticipation and install a wall thermostat. Two semester hours. (60 hours instruction)

VAC 1094 — Electric Motors. After completion of this unit, the student should be able to match terms, list safety rules, discuss magnetism and three-phase motors and identify parts of a motor. The student should also be able to list types of single phase motors, read motor data plates and solve problems, determine V-belt length and adjust belt tension. Four semester hours. (120 hours instruction)

VAC 1103 — Wiring Diagrams. After completion of this unit, the student should be able to match terms of their definitions, match symbols to component names and distinguish between pictorial and schematic wiring diagrams. The student should also be able to draw pictorial and schematic wiring diagrams. Three semester hours. (90 hours instruction)

- VAC 1114 — Domestic Refrigeration Fundamentals.** After completion of this unit, the student should be able to match terms associated with domestic refrigeration and identify types of domestic refrigeration, refrigerator cabinet hardware, and trim. The student should also be able to list data plate information, locations of data plates, reasons for transporting the refrigerator upright, and the six most common refrigerator problems. This knowledge will be evidenced through demonstration and by scoring eighty-five percent on the unit test. Four semester hours. (120 hours instruction)
- VAC 1123 — Fundamentals of Window Air Conditioning.** After completion of this unit, the student should be able to match terms associated with window air conditioners to the correct definitions and discuss major components of window air conditioners. The student should also be able to match wire size to their current carrying capacities and identify window air conditioner parts. Three semester hours. (90 hours of instruction)
- VAC 2003 — Soft Soldering, Silver Brazing and Basic Oxyacetylene Welding.** This unit of instruction covers the construction of acetylene and oxyacetylene equipment and the necessary safety precautions. Also theory and practice of soldering, brazing, welding and hand cutting with oxyacetylene equipment. Three semester hours. (90 hours instruction)
- VAC 2013 — Introduction to Heating.** This unit is designed to give the student the background knowledge in early applications of air conditioning, body comfort, reverse cycle for air conditioning, heating and the basic functions of the control systems, control action, control circuits, types of control circuits and systems checkout procedures. Three semester hours. (90 hours instruction)
- VAC 2023 — Psychrometrics.** This unit consists of psychrometric and psychrometric charts, application of psychrometric terms, psychrometric processes and advanced psychrometric processes. Three semester hours. (90 hours instruction)
- VAC 2033 — Heating Troubleshooting.** This unit is designed to give students an actual hands on approach to finding problems in central heating equipment controls, mechanical and electrical control systems. Three semester hours. (90 hours instruction)
- VAC 2043 — Air Distribution and Duct Design.** This unit consists of instructions in air distribution of ducts and outlets with emphasis on duct sizing and design. Three semester hours. (90 hours instruction)
- VAC 2053 — Load Calculations and Blueprint Reading.** This unit consists of sources of heat, cooling and heating load estimating guides and a study of the symbols and lay-out of blueprints for residential buildings. Identification of air conditioning and heating components represented by symbols and determining their function in the system. Designing and laying out a heating-cooling system using blueprints as a guide. Three semester hours. (90 hours instruction)

- VAC 2063 — Introduction to Air Conditioning.** This unit consists of the essentials of air conditioning and refrigeration safety, use of special tools and equipment, temperature pressure and basic refrigeration cycle. Three semester hours. (90 hours instruction)
- VAC 2074 — Air Conditioning Controls.** A study of air conditioning control terminology, basic functions of control systems, control action, control circuits, system checkout and control checkout. Four semester hours. (120 hours instruction)
- VAC 2084 — Air Conditioning Troubleshooting.** Designed to give the student a hands on approach to problem solving in the central air conditioning refrigerating equipment, controls to encompass both electrical and mechanical functions. Four semester hours. (120 hours instruction)
- VAC 2093 — Standard Mechanical Code and Local Licensing Requirements.** A study of local codes for the installation and service of commercial and residential air conditioning and refrigeration equipment and the requirements for licensing in local areas. Three semester hours. (90 hours instruction)
- VAC 2104 — Automobile Heating and Air Conditioning.** Design, function, maintenance, and repair of automotive air conditioning and heating systems. Four semester hours. (120 hours instruction)

AUTO BODY REPAIR 8010

(West Harrison County Occupational Training Center)

The Auto Body Repair program is designed to provide the individual trainee with an indepth educational experience in the field of auto body repair and auto body refinishing.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 60).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VAB 1022	Industrial Safety.....	2
VAB 1002	Introduction to Auto Body Repair	2
VAB 1014, 1114	Automotive Metals and Materials	8
VAB 1024, 1124	Body Panel and Fender	
VAB 1032	Straightening	8
VAB 1043	Welding.....	2
VAB 1054, 1154	Frame Straightening	3
VAB 1061	Refinishing Process	8
VAB 1072	Hardware and Trim	1
VAB 1015, 1115	Glass Removal and Replacement	2
	Advanced Body Panel and	
VRE 1000	Fender Straightening.....	10
VRE 1010, 1020	Employability Skills	
	Related Education	
(1380 Clock Hours)	TOTAL SEMESTER HOURS	46

VAB 1022 — Industrial Safety. Proper care and maintenance of hand and shop tools, principles of first aid, laws pertaining to the Occupational Safety and Health Act (OSHA) conducting of safety inspections. Sixty clock hours. Two semester hours.

VAB 1002 — Introduction to Auto Body Repair. A fundamental course in duties, opportunities, workmanship and wage scales; types of body construction; types of chassis and frames; power and hand tools; parts manuals, estimating, and ordering. Sixty hours instruction. Two semester hours.

VAB 1014, 1114 — Automotive Metals. Materials course in types and metallurgical characteristics of metals used in the field; strength of auto body members; damage patterns/rinking procedures. One hundred twenty hours instruction. Four semester hours each.

VAB 1024, 1124 — Body Panel and Fender Straightening. A comprehensive course in analyzing the damage areas; the roughing out sequence; tools required in raising low spots, reworking deep bends, flattening high spots; use of files and sanding equipment. One hundred twenty hours instruction. Four semester hours each.

VAB 1032 — Welding. A fundamental course in the basic principles of welding and brazing; oxyacetylene procedures including use and care of equipment, flame adjustment, techniques of welding and cutting; safety practices; brazing to include advantages, disadvantages, and techniques; arc welding to include operation. Sixty hours instruction. Two semester hours.

VAB 1043 — Frame Straightening. A fundamental course in frame testing and checking equipment; analyzing replacement versus repair; bumper straightening and arm alignment; estimating to include use of the flat rate manual and time and material cost. Ninety hours instruction. Three semester hours.

VAB 1054, 1154 — Refinishing Processes. A comprehensive course in the types of paint used in industry; prepainting procedures; operating techniques of paint sprayers; drying processes to include air dry and bake dry; rubbing,

polishing and waxing; job estimating; safety. One hundred twenty hours instruction. Four semester hours each.

VAB 1061 — Hardware and Trim. A fundamental course in removal and replacement of hardware and trim to include the typical problems encountered. Thirty hours instruction. One semester hour.

VAB 1072 — Glass Removal and Replacement. A fundamental course in glass removal and replacement to include types of automotive glass; window regulations; removal and installation; estimating how flat rate manual and time and materials cost. Sixty hours instruction. Two semester hours.

VAB 1015, 1115 — Advanced Body Panel and Fender Straightening. A comprehensive and advanced course in analyzing the damaged areas, advanced techniques in the roughing out sequence specialized tools required in raising low spots. Advanced techniques of reworking deep bends, advanced techniques of flattening high spots; advanced use of files and sanding equipment. Characteristics of fiberglass and plastics used in the automotive field. Repair and replacement of fiberglass and plastic components to include special refinishing techniques. One hundred fifty hours instruction. Five semester hours each.

AUTOMOTIVE MECHANICS 8020

(Jackson County and Perkinston Campuses)

The Automotive Mechanics program is designed to provide each individual student an indepth educational experience in the automotive repair and automotive tune-up field.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 60).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VAM 1003	Automotive Safety, Science, and Mathematics.....	3
VAM 1012	Fundamentals of Automotive	
VAM 1023	Mechanics	2
VAM 1033	Automotive Engines	3
VAM 1042	Automotive Fuel Systems.....	3
VAM 1052	Automotive Cooling Systems.....	2
VAM 1063	Introduction to Automotive Tune-up	2
VAM 1073	Practical Automotive Engine Repair	3
VAM 1089	Automotive Electrical Systems	3
	Automotive Computer System and	
VAM 1096	Emissions	9
VAM 2003	Automotive Tune-up.....	6
VAM 2013	Automotive Brake Systems.....	3
	Automotive Heating and Air	
VAM 2022	Conditioning.....	3
VAM 2035	Welding and Burning.....	2
VAM 2045	Automotive Automatic Transmission.....	5
VAM 2053	Automotive Automatic Transmission.....	5
VAM 2064	Automotive Wheel Alignment.....	3
VAM 2074	Automotive Suspension Systems	4
VAM 2084	Automotive Steering Systems	4
VAM 2093	Automotive Power Trains.....	4
VRE 1000	Automotive Diesel.....	3
VRE 1010	Employability Skills	
	Related Education	
	Related Education	
(2160 Clock Hours)	TOTAL SEMESTER HOURS	72

VAM 1003 — Automotive Safety, Science, and Mathematics. Personal and team safety; safe use of hand and power tools of the trade; safe testing procedures; safe dress and habits; safe handling of materials of the trade; use of fire fighting equipment; administering first aid. Basic scientific principles; precision measurement; lubrication; heat transfer; abrasives. Problem solving; formulas; fractions; and whole numbers as applied to the automotive trade. Ninety hours instruction. Three semester hours.

VAM 1012 — Fundamentals of Automotive Mechanics. A basic study of the automotive engine and its components; the use of measuring and hand tools; history of auto mechanics. Sixty hours instruction. Two semester hours.

VAM 1023 — Automotive Engines. Hands-on engine work — putting into practice what was taught in fundamentals of automotive mechanics. Ninety hours instruction. Three semester hours.

VAM 1042 — Cooling Systems. Principles of cooling systems; operation, service of major components; system service; comparison of water-cooled and air-cooled engine. Sixty hours instruction. Two semester hours.

- VAM 1033 — Automotive Fuel Systems.** Complete fuel systems; lines; tank; pumps; filters; principles of computer controlled carb; computer controlled fuel injections; principles of standard carburetion. Ninety hours instruction. Three semester hours.
- VAM 1052 — Introduction to Automotive Tune-Up.** Principles of automotive tune-up; use of engine analyzer with scope; reading scope patterns; use of portable tune-up equipment. Sixty hours instruction. Two semester hours.
- VAM 1063 — Practical Automotive Engine Repair.** Engine repair on automobiles in use. This course of study gives practical experience on all courses up to this point. Ninety hours instruction. Three semester hours.
- VAM 1073 — Automotive Electrical Systems.** Fundamentals electrical data; starting systems; charging systems; ignition systems; wiring diagrams; switches and accessories. Ninety hours instruction. Three semester hours.
- VAM 1089 — Automotive Computer System and Emissions.** Computer components — their function. A study of different types of computer systems. A systematic approach to finding problems and solving these problems. Components of Emission Control Systems — their function. A systematic approach to problem finding and problem solving. Two hundred seventy hours instruction. Nine semester hours.
- VAM 1096 — Automotive Tune-Up.** This course contains studies on all items that affect the way an automobile engine runs. Carburetor problems; diagnose; carburetor rebuild; dist. rebuild; adjustment made to factory specifications on carb., dist., timing, and etc. Practical work on all systems that affect the way the automobile runs. One hundred and eighty hours instruction. Six semester hours.
- VAM 2003 — Automotive Brake Systems.** Drum brakes; disc brakes; hydraulic cylinders; master and wheel cylinders; emergency brakes; power brakes; vacuum booster and hydraulic boosters. Ninety hours instruction. Three semester hours.
- VAM 2013 — Automotive Heating and Air Conditioning.** Heating and air conditioning problems; diagnostic procedures; types of air conditioning systems; installation of air conditioning — switches and controls. Ninety hours instruction. Three semester hours.
- VAM 2022 — Welding and Burning.** Safe use of accel. and oxy.; basic arc welding; cutting and gas welding; brazing as it pertains to automotive mechanics. Sixty hours instruction. Two semester hours.
- VAM 2035 — Automotive Automatic Transmission.** Principles of automatic transmission; hydraulic control systems; valve bodies; torque converters; gear systems; in-car service; seats; fluids; electrical switches; vacuum controls; manual shift controls. One hundred and fifty hours instruction. Five semester hours.

- VAM 2045 — Automotive Automatic Transmission.** Transmission removal; disassemble; component rebuild; reassembly; installation; road test and adjustments. One hundred and fifty hours instruction. Five semester hours.
- VAM 2053 — Automotive Wheel Alignment.** Caster and camber angles; adjustment of these angles; toe-in adjustment; rear wheel alignment. Ninety hours instruction. Three semester hours.
- VAM 2064 — Suspension Systems.** Springs; ball joints; McPherson struts; tires; wheels/shock absorbers; front and rear suspension systems. One hundred and twenty hours instruction. Four semester hours.
- VAM 2074 — Automotive Steering Systems.** Manual and power steering systems; power steering pump and lines; rack and pinion steering systems; steering linkage. One hundred and twenty hours instruction. Four semester hours.
- VAM 2084 — Automotive Power Trains.** Clutch and clutch linkage; standard manual transmission; differentials adjustments and repairs; drive shafts and U-joints; axle bearings; lubrication. One hundred and twenty hours instruction. Four semester hours.
- VAM 2093 — Automotive Diesel.** Study of the diesel concept. The difference between the diesel and gasoline fuel systems and engine construction. Troubleshooting and repair as applied to the automotive diesel. Ninety hours of instruction. Three semester hours.

AUTOMOTIVE MECHANICS 8030

(West Harrison County Occupational Training Center)

The Automotive Mechanics Program is designed to provide each individual student an indepth educational experience in the automotive engine repair and automotive tune-up fields. Students will also receive related instruction pertaining to automotive mechanics. This is an open entry/open exit, self paced, individualized program.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VAM 1005, 1015, 1025	Automotive Engines	15
VAM 1033	Automotive Fuel Systems.....	3
VAM 1043	Electrical Systems.....	3
VAM 1052	Cooling Systems	2
VAM 1063, 1073	Suspension Systems	6
VAM 1081	Industrial Safety	1
VAM 1091	Welding and Burning.....	1
VAM 1103	Applied Mathematics.....	3
VAM 1121	Applied Science.....	1
VAM 2124	Power Trains.....	4
VAM 2013	Braking Systems	3
VAM 2064	Automotive Tune-up.....	4
VRE 1000	Employability Skills	
VRE 1010, 120	Related Education	
(1380 Clock Hours)	TOTAL SEMESTER HOURS	46

VAM 1005-1015-1025 — Automotive Engines. General description of the engine; the four-stroke cycle; block and head; crankshaft; the piston and rod assembly; the camshaft; oil pump; engine chassis connections; and diagnostic methods. Four hundred fifty hours instruction. Five semester hours each.

VAM 1033 — Automotive Fuel Systems. Fuel-tank; lines; filters; pumps; carburetors; intake manifolds and air cleaners. Ninety hours instruction. Three semester hours.

VAM 1043 — Electrical Systems. Fundamental electrical data; starting circuits; charging and ignition systems; electrical accessories. Ninety hours instruction. Three semester hours.

VAM 1052 — Cooling Systems. Principles of cooling systems; operations; service of major components; system service; comparison of water-cooled and air cooled engines. Sixty hours instruction. Two semester hours.

VAM 1063-1073 — Suspension Systems. Tire; wheels; springs and shock absorbers; rear and front suspension; and other control members. One hundred eighty hours instruction. Three semester hours each.

VAM 1081 — Industrial Safety. Personal and team safety; safe use of hand and power tools of the trade; safe testing procedures; safe dress and habits; safe handling of the materials of the trade; use of fire-fighting equipment; administering first aid. Thirty hours instruction. One semester hour.

VAM 1091 — Welding and Burning. Strike and hold an arc; deposit a bead; run a series of passes in a flat position; metal joining; fundamentals of torch lighting, torch adjusting and holding; straight burning; angle burning. Thirty hours of instruction. One semester hour.

VAM 1103 — Applied Mathematics. A basic unit of instruction for trade occupations programs; problem solving as applied to the trade in whole numbers; fractions; decimals; percentages; averages, ratio and proportion; trade for-

mulas in applied geometry and trigonometry. Ninety hours instruction. Three semester hours.

VAM 1121 — Applied Science. Basic scientific principles; matter; precision measurements; lubrications; heat transfer; abrasives. Thirty hours instruction. One semester hour.

VAM 2124 — Power Trains. Clutch and overdrive; synchromesh and automotive transmissions; propeller shafts; universal joints, rear axles; standard differentials. One hundred twenty hours instruction. Four semester hours.

VAM 2013 — Braking Systems. Drum-type, disk-type; emergency brakes; master cylinders; wheel cylinders; vacuum booster. Ninety hours instruction. Three semester hours.

VAM 2064 — Automotive Tune-Up. Introduction; general information; diagnosis and testing in preparation for tune-up; electrical systems; ignition systems; charging systems; starting systems; distributor, plugs and conductors; starters, batteries and conductors; inspect, adjust, test, diagnose, repair and/or replace all parts of electrical systems; operate test equipment, distributor tester, generator tester, alternator tester, regulator tester; fuels; how refined, octane rating, storage; fuel systems, fuel tanks, lines, pumps; carburetors and carburetion. One hundred twenty hours instruction. Four semester hours.

AUTOMOTIVE PARTS SALES AND MANAGEMENT 8032

(Perkinston Campus)

This instructional program prepares individuals through theory and laboratory learning experiences for occupations in inside sales, outside sales, store manager, inventory control manager, and field service representatives in the automotive parts field. Some graduates may choose to become independent owners of automotive parts operations.

Students receive instruction in mathematics related to automotive parts management and sales, a familiarization with automotive engine theory and operation, the automotive systems, the use of office machines and office procedures as applied to automotive parts sales and management, automotive parts store management, and customer relations.

This program leads to the Mississippi Gulf Coast Community College diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the Mississippi Gulf Coast Community College Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VPM 1009	Orientation and Records Management	9
VPM 1017	Automotive Assemblies and Systems.....	7
VPR 1027	Catalogs and Merchandising.....	7
VPM 1102	Automotive Paint Finishes	2
VPM 1107	Internal Operations and Sales	7
VPM 2008	Supervised Sales Experience.....	8
VRE 1000	Employability Skills	
VRE 1010, 1020	Related Education	
TOTAL SEMESTER HOURS		40

- VPM 1009 — Orientation and Records Management.** An orientation to automotive parts sales and management and instruction in records management, job opportunities, structure of the industry, theory of inventory control, practice of inventory control — manual and computerized, mathematics applied to the parts industry to include business mathematics applied to sales and profit. Two hundred and seventy hours of instruction. Nine semester hours.
- VPM 1017 — Automotive Assemblies and Systems.** Instruction includes automotive tools; automotive equipment; introduction to automotive engines, automotive engine operations, and automotive systems. Two hundred and ten hours of instruction. Seven semester hours.
- VPM 1027 — Catalogs and Merchandising.** Use of catalogs — manual and microfiche, price sheets, display designs, advertising methods, product literature. Two hundred and ten hours of instruction. Seven semester hours.
- VPM 1102 — Automotive Paint Finishes.** Instruction in product knowledge and paint mixing. Sixty hours of instruction. Two semester hours.
- VPM 1107 — Internal Operations and Sales.** Stock investments, turnover and shipping methods, developing a sales attitude — wholesale and retail, techniques of counter selling and related sales, techniques of telephone selling, parts warranties, personnel policies, and expense control. Two hundred and ten hours of instruction. Seven semester hours.
- VPM 2008 — Supervised Sales Experience.** Practical experience in the parts industry under supervised conditions at a parts dealer, or role playing in a simulated environment in the Automotive Parts Sales and Management laboratory. Two hundred and forty hours of instruction. Eight semester hours. Prerequisites: VPM 1009, 1017, 1027, 1102, and 1107.

CARPENTRY 8040

(Jefferson Davis Campus)

This program is designed to prepare the student for industry by providing training in the basic skills and technical knowledge of the carpentry trade, with those tools, equipment and materials that are comparable to those used in local industry. This course of study will be centered around the performance of useful

and/or productive jobs. This is an open entry/open exit, self-paced individualized program.

The program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VCA 1216	Introduction to Carpentry.....	6
VCA 1226	Codes, Plans and Specifications.....	6
VCA 1235	Foundations.....	5
VCA 1248	Rough Carpentry.....	8
VCA 1254	Thermo and Sound Insulation.....	4
VCA 1266	Prefabrication.....	6
VCA 1275	Finish Carpentry.....	5
VCA 1286	Cabinet Mak'ng.....	6
VRE 1000	Employability Skills	
VRE 1010	Related Education	
VRE 1020	Related Education	
(1380 Clock Hours)	TOTAL SEMESTER HOURS	46

VCA 1216 — Introduction to Carpentry. Carpentry shop orientation and safety in wood and lumber technology. Carpentry hand tools, portable electrical tools, power floor equipment. Includes elementary jobs such as building saw horses, scaffolds, mitre boxes, etc. Six semester hours. (180 hours instruction)

VCA 1226 — Codes, Plans and Specifications. This course consists of the various standard and local building codes, the layout of plans and building specifications as they apply to the construction trades. Six semester hours. (180 hours instruction)

VCA 1235 — Foundations. This course includes: layouts, batter boards, building and set foundation forms, column forms, step forms, floor slab forms, sidewalk slab forms, set grade stakes and place reinforcing steel. Five semester hours. (150 hours instruction)

VCA 1248 — Rough Carpentry. This course includes all aspects of floor framing, roof framing and wall framing techniques. Eight semester hours. (240 hours instruction)

VCA 1254 — Thermo and Sound Insulation. This course includes the techniques of thermo proofing residences and commercial establishments and how to insulate such building for sound proofing. Four semester hours. (120 hours instruction)

VCA 1266 — Prefabrication. This course includes all the steps, techniques and guidelines in the prefabrication process of buildings in the construction trades. Six semester hours. (180 hours instruction)

VCA 1275 — Finish Carpentry. This course includes the process used in interior and exterior finishing of buildings in the construction trades. Five semester hours. (150 hours instruction)

VCA 1286 — Cabinet Making. This course consists of the processes and materials used in the cabinet making process. Six semester hours. (180 hours instruction)

CHILD CARE 8066

(Jackson County Campus)

This program provides an excellent opportunity for preparation of individuals who are interested in working as a teacher or supervisor in day care centers in either a private or an industrial setting. It is further designed to prepare individuals to establish and/or direct a private day care center or to assist business and industry in establishing job site day care facilities. In addition to classroom study, the student is prepared by training in an ongoing day care program that will provide excellent opportunity for valuable hands-on experience.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

FIRST SEMESTER

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VCC 1003	Communication Skills.....	3
VCC 1013	Introduction to Child Care.....	3
VCC 1024	Child Growth and Development.....	4
VCC 1043	Foods and Nutrition.....	3
VCC 1064	Child Care Practicum I	4

SECOND SEMESTER

MAJOR UNITS OF INSTRUCTION		
VCC 1083	Creative Activities	3
VCC 1103	Language Arts	3
VCC 1123	Administration of Child Care Programs....	3
VCC 1143	Special Problems in Child Development...	3
VCC 1164	Child Care Practicum II	4
VCC 1181	Employability Skills and Opportunity	1

SUMMER SEMESTER

MAJOR UNITS OF INSTRUCTION		
VCC 2013	Child Health Care	3
VCC 2022	Entrepreneurial Skills	2
VCC 2043	Applied Counseling and Psychology	3
VCC 2062	Instruction of Pre-School Children	2
(1320 Clock Hours)	TOTAL SEMESTER HOURS	44

VCC 1003 — Communication Skills. A course to improve skills in both written and oral communications. Special emphasis will be on communications with pre-school children. Ninety hours of instruction. Three semester hours.

VCC 1013 — Introduction to Child Care. A course designed for the initial orientation of the overall view of goals, children, schools, techniques, curriculum and professional opportunities. Ninety hours of instruction. Three semester hours.

- VCC 1024 — Child Growth and Development I.** Introduction to the characteristics of various stages of child growth, from conception to age six. Emphasis is placed on each aspect of child development — social, emotional, physical and intellectual. Laboratory work consists of supervised observation and participation. One hundred twenty hours of instruction. Four semester hours.
- VCC 1043 — Foods and Nutrition.** A course designed to include information on the nutritional values of foods, menu planning and nutritional needs of the young child. Students will participate in planning and preparing meals for center children. Ninety hours of instruction. Three semester hours.
- VCC 1064 — Child Care Practicum I.** Provides student with supervised experiences working with children at the center. Allows for opportunities for observing, assisting and participating in day care activities. One hundred twenty hours of instruction. Four semester hours.
- VCC 1083 — Creative Activities.** Introduce a variety of creative activities for developing the child's concepts in art, cooking, games, language, movement, music and science. Ninety hours of instruction. Three semester hours.
- VCC 1103 — Language Arts.** A study of the importance and significance of language development for pre-school children. Emphasis is placed on selection and use of literature to stimulate language and conceptual growth along with creative activities designed to stimulate language development. Ninety hours of instruction.
- VCC 1123 — Administration of Child Care Programs.** An overview of the various types of child care centers. The philosophy program, personnel, equipment, curriculum and the place of the center in the community are explored in depth. Ninety hours of instruction. Three semester hours.
- VCC 1143 — Special Problems in Child Development.** A study of the problems encountered with exceptional children. How to recognize and deal with the exceptionally bright or the slower child. Ninety hours of instruction. Three semester hours.
- VCC 1164 — Child Care Practicum II.** A continuation of Child Care Practicum I with emphasis on preparation and use of creative activities and total supervision of children. One hundred and twenty hours of instruction. Four semester hours.
- VCC 1181 — Employability Skills and Opportunities.** Employment opportunities locally will be discussed. Students will gain practical experience in writing resumes, completing applications and job interviews. Thirty hours of instruction. One semester hour.
- VCC 2013 — Child Health Care.** The study, recognition and treatment of common childhood diseases. Evaluation techniques and principles relative to the physical, intellectual, emotional and social development of young children. Ninety hours of instruction. Three semester hours.

VCC 2022 — Entrepreneurial Skills. Designed to teach the basic principles of establishing and managing a business. Special emphasis will be on the taxes, fire, liability and health insurance, health codes and local, state, and national regulations pertinent to daycare centers. Sixty hours of instruction. Two semester hours.

VCC 2043 — Applied Counseling and Psychology. The techniques and principles relative to dealing with young children and parents. Special emphasis is given to counseling with parents about the actions, behavior or problems with their children. Ninety hours of instruction. Three semester hours.

VCC 2062 — Instruction of Pre-School Children. A general methods course which examine the materials and methods of teaching pre-school. Students will evaluate and select materials for use developing teaching techniques and planning play activities. Sixty hours of instruction. Two semester hours.

COMMERCIAL TRUCK DRIVING

(Perkinston Campus)

Commercial Truck Driving is an open entry/open exit program providing training in all areas of 18 wheeler operation. Emphasis is in obtaining the knowledge and skills necessary to obtain a job as the driver of an 18 wheeler.

Students enrolling in Commercial Truck Driving will enroll in either Basic Commercial Truck Driving or Advanced Commercial Truck Driving.

The basic curriculum consists of 360 clock hours (twelve semester hours) of instruction. Students who successfully complete this curriculum will be granted a certificate of completion in Basic Commercial Truck Driving.

The advanced curriculum is one semester (18 weeks) in length and consists of 540 clock hours (eighteen semester hours) of instruction. Students who successfully complete this curriculum will be awarded a diploma in Advanced Commercial Truck Driving.

Pell Grant recipients must enroll in the Advanced Commercial Truck Driving curriculum and should complete the full 540 clock hours (18 weeks) of instruction. Pell Grant recipients not completing the full 540 clock hours (18 weeks) of instruction will be required to make a repayment on their grant.

Special admission requirements for both curriculums are:

1. Must be 21 years of age.
2. Must have no more than 3 speeding tickets within the last 3 years.
3. Must be physically able to pass a DOT physical.
4. Must have no DUI on record.

BASIC COMMERCIAL TRUCK DRIVING 8016

Students enrolled in the Basic Commercial Truck Driving curriculum will pursue the instructional areas listed below.

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VTD 1001	Commercial Truck Driving I.....	1
VTD 1011	Commercial Truck Driving II.....	1
VTD 1012	Commercial Truck Driving III.....	2
VTD 1014	Commercial Truck Driving IV.....	4
VTD 1111	Commercial Truck Driving Mathematics.....	1
VTD 1113	Commercial Truck Driving V.....	3
VRE 1000	Employability Skills	
VRE 1010, 1020	Related Education	
(360 Clock Hours)	TOTAL SEMESTER HOURS	12

ADVANCED COMMERCIAL TRUCK DRIVING 8017

Students enrolled in the Advanced Commercial Truck Driving curriculum will pursue all instructional areas listed under Basic Commercial Truck Driving plus the following:

VTD 1123	Advanced Commercial Truck Driving I....	3
VTD 1133	Advanced Commercial Truck Driving II...	3
(540 Clock Hours)	TOTAL SEMESTER HOURS	18

VTD 1001 — Commercial Truck Driving I. Orientation to truck driving. In this course the student receives the theory of truck driving, learns the different makes and models of trucks, as well as the different kinds of transmissions, proper gauge readings, and pre-trip inspections. Thirty hours of instruction.

VTD 1011 — Commercial Truck Driving II. In this course the student learns different regulations, DOT, ICC, as well as state and local regulations and many other paperwork responsibilities of the driver. Thirty hours of instruction.

VTD 1012 — Commercial Truck Driving III. In this course the student learns how to properly fill out and retain logs, as well as driver and motor carrier responsibilities. Sixty hours of instruction.

VTD 1014 — Commercial Truck Driving IV. The student will gain knowledge and proficiency in driving a truck on a two-lane, four-lane, and city driving. One hundred and twenty hours of instruction.

VTD 1111 — Commercial Truck Driving Math. This course provides the student an opportunity to review the application of practical math which will enable him/her to maintain a proper log, handle expense accounts and credit cards, distribute load weights, figure distance, bills of lading, delivery slips, and receipts. Thirty hours of instruction.

VTD 1113 — Commercial Truck Driving V. The student will gain knowledge and proficiency in proper backing techniques, straight and jackknife parking, and proper docking. Ninety hours of instruction.

VTD 1123, 1133 — Advanced Commercial Truck Driving I, II. Students will gain advanced knowledge and proficiency in: proper backing techniques, straight and jackknife parking, proper docking, driving on two-lane, four-lane, and city driving. One hundred and eighty hours of instruction. Three semester hours each.

FOOD PRODUCTION MANAGEMENT AND SERVICE 8235

(West Harrison County Occupational Training Center)

This instructional program prepares individuals to engage in preparation and cooking of a variety of foods to maintain nutritive values and quality control. Instruction is given in the determination of quantity food to be prepared and size of servings for different types of food services; the use and care of commercial equipment; adherence to sanitation procedures for storage, preparation, and service of foods; the observation of health, safety and sanitary precautions in the cooking areas; and the use of equipment or utensils.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 60).

MAJOR UNITS OF INSTRUCTION	SEMESTER HOURS
VFP 1018 Food Service Practicum I.....	8
VFP 1023 Sanitation and Safety.....	3
VFP 1033 Quantity Food Production.....	3
VFP 1041 Reading Recipes, Menu Writing.....	1
VFP 1053 Care and Management of Equipment.....	3
VFP 1066 Food Service Practicum II.....	6
VFP 1073 Hospitality Management: Laws and Regulations.....	3
VFP 1081 Reading Recipes: Standardization Techniques.....	1
VFP 1093 Nutritional Adequacy of Menu Design.....	3
VFP 1116 Food Service Practicum III.....	6
VFP 1123 Principles of Supervision.....	3
VFP 1132 Specialization Areas of Food Service: Catering, Banquet Service and Vending.....	2
VFP 1142 Food and Beverage Purchasing.....	2
VFP 1152 Inventory Techniques and Portion Control.....	2
TOTAL SEMESTER HOURS.....	46

- VFP 1018 — Food Service Practicum I.** This lab period will be devoted to actual planning, preparing, supervising, and servicing of meals. Emphasis will be placed on the management of food service areas as well as training for positions required to make a good service operable. Two hundred and forty hours of instruction. Eight semester hours.
- VFP 1023 — Sanitation and Safety.** In addition to studying the State Board of Health rules and regulations governing food service and establishments, the following areas dealing with the sanitation and safety of a unit will be covered: protecting the public health, limiting food spoilage, sanitation and personnel safety, safe food handling, ware washing operation, kitchen house-keeping, equipment sanitation, environmental safety and sanitation, and pest control. Ninety hours of instruction. Three semester hours.
- VFP 1033 — Quantity Food Production.** Areas included will be production requirements and knowledge of planning and producing meals in quantity. Ninety hours of instruction. Three semester hours.
- VFP 1041 — Reading Recipes, Menu Writing.** Included in this course will be steps of good menu writing based on the demands of the recipes involved. Consideration will be given to the type of equipment available, labor force and quantity prepared. Thirty hours of instruction. One semester hour.
- VFP 1053 — Care and Management of Equipment.** Lecture and demonstration will comprise the majority of this course content. Proper care and maintenance, techniques of storage and handling of equipment will be studied. Ninety hours of instruction. Three semester hours.
- VFP 1066 — Food Service Practicum II.** A continuation of VCB 1018 with greater responsibilities being assigned to second semester students. First semester students will be allowed to enter the course curriculum at this level and can be assigned duties accordingly. One hundred and eighty hours of instruction. Six semester hours.
- VFP 1073 — Hospitality Management: Laws and Regulations.** In this course, laws regarding food service will be included. Also, laws regarding purchasing for state institutions, taxes and permits, and regulations regarding labor will be covered. Technical ways to avoid legal pitfalls in food service areas will be explored. Ninety hours of instruction. Three semester hours.
- VFP 1081 — Reading Recipes: Standardization Techniques.** This course includes procedures on experimentation with various combinations of foods and cooking methods as well as instruction on standard weights and measures, appropriate equipment, tools and utensils, exact portion control, food cost control and basic methods of preparation. Thirty hours of instruction. One semester hour.
- VFP 1093 — Nutritional Adequacy of Menu Design.** Menu planning will be covered and will include nutritional adequacy, standard format and type of service offered. Specific areas of concern when mapping out a cyclic menu will include size of operation, kind of operation, kind of equipment, number

of abilities of employees and market availability of food. Ninety hours of instruction. Three semester hours.

VFP 1115 — Food Service Practicum III. A continuation of VFP 1066 with greater responsibility placed on returning students from previous semesters. One hundred and eighty hours of instruction. Six semester hours.

VFP 1123 — Principles of Supervision. In addition to the basic principles of supervision, the students will gain insight into: recruiting competent employees, job evaluation, employee orientation, training a new employee, rating employee performance and developing key personnel to supervise. Ninety hours of instruction. Three semester hours.

VFP 1132 — Specialization Areas of Food Service: Catering, Banquet Service and Vending. The techniques of serving special functions will be emphasized in this course. Areas such as garnishing and eye appeal, transportation of catered food and special techniques for food service from machines will be covered. Sixty hours of instruction. Two semester hours.

VFP 1142 — Food and Beverage Purchasing. Included in this course will be purchasing control, detailed techniques of storage, buying power of food and beverage items. Cost analysis and control will be of prime importance. Other areas covered will include portion control, convenience foods and business arithmetic. Sixty hours of instruction. Two semester hours.

VFP 1152 — Inventory Techniques and Portion Control. This course will include advanced purchasing, menu design, receiving, storage techniques and checking invoices. Sixty hours of instruction. Two semester hours.

COSMETOLOGY 8195

(George County Occupational Training Center)

This program is accredited by the Mississippi State Board of Cosmetology. It is a 12-month diploma program consisting of a minimum of 1500 clock hours. After successful completion, the student is qualified to take the State Board Examination for Cosmetology licenses. Graduates are prepared for a career in all phases of hairstyling.

This program leads to the MGCCC diploma. Students who complete diploma requirements of 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 60).

ADMISSION REQUIREMENTS:

1. Complete cosmetology applications form.
2. Take a battery of tests on a scheduled date.
3. Following successful scores on all tests, the applicants will complete the following:
 - A. Application for admission to the college.

- B. Have an official high school transcript sent to the college, verifying 10th grade education level or supply General Education Development (GED) test scores certifying 10th grade educational level equivalency.
- C. Have an interview with an Admissions Committee.
4. Qualified applicants are considered in the order in which they complete application requirements.

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VCO 1112	Cosmetology Theory I	2
VCO 1213	Shampoo and Rinses	3
VCO 1313	Scalp and Hair Treatment	3
VCO 1414	Hair-Shaping — Scissors and Razors	4
VCO 1514	Hair Styling — Finger Waving	4
VCO 1123	Cosmetology Theory II	3
VCO 1613	Care and Styling of Wigs	3
VCO 1713	Manicure and Pedicure	3
VCO 1814	Permanent Waves	4
VCO 1914	Hair Coloring and Lightening	4
VCO 2113	Chemical Hair Relaxing	3
VCO 2133	Cosmetology Theory III	3
VCO 2213	Facials and Make-up	3
VCO 2313	Thermal Techniques	3
VCO 2413	Beauty Salon Management	3
VCO 2412	Special Assignments	2
(1500 Clock Hours)	TOTAL SEMESTER HOURS	50

COSMETOLOGY TEACHER TRAINEE

(approved by)

MISSISSIPPI STATE BOARD OF COSMETOLOGY

For Licensed Cosmetologist with minimum of 2 years experience.

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VCO 2503	Teacher Trainee Observation	3
VCO 2505	The Professional Teacher I	5
VCO 2513	Student Motivation and Learning I	3
VCO 2511	Methods Management and Materials	11
VCO 2502	Testing and Evaluation I	2
VCO 2501	Cosmetology Law, Rules, and Regulations I	<u>1</u>
(750 Clock Hours)	TOTAL SEMESTER HOURS	25

COSMETOLOGY TEACHER TRAINEE

For Licensed Cosmetologist without work experience.

MAJOR UNITS OF INSTRUCTION	SEMESTER HOURS
VCO 2503 Teacher Trainee Observation	3
VCO 2505 The Professional Teacher I	5
VCO 2509 The Professional Teacher II	9
VCO 2513 Student Motivation and Learning I.....	3
VCO 2507 Student Motivation and Learning II.....	7
VCO 2511 Methods Management and Materials I	11
VCO 2515 Methods Management and Materials II	15
VCO 2502 Testing and Evaluation I.....	2
VCO 2506 Testing and Evaluation II.....	6
VCO 2501 Cosmetology Law, Rules and Regulations I.....	1
VCO 2504 Cosmetology Law, Rules and Regulations II.....	4
(2000 Clock Hours) TOTAL SEMESTER HOURS	68

- VCO 1112 — Cosmetology Theory I.** Theory in sterilization and sanitation, safety, hygiene and good grooming, professional ethics and sales to include careers in cosmetology, visual poise, personality development, bacteriology, hair treatment, hair shaping, hair styling and finger waves. Sixty hours of instruction. Two semester hours.
- VCO 1213 — Shampoo and Rinses.** Practical application in shampooing to include plain shampoo, preparation procedure, completion, safety rules, brushing, low alkaline shampoo. Rules for tangled hair, effects of harsh shampoo, cream liquid, cream or paste, non-strip, liquid dry, vinegar, lemon, acid, reconditioning, medicated, bluing, color. Ninety hours of instruction. Three semester hours.
- VCO 1313 — Scalp and Hair Treatment.** Practical application to include treatment for types of hair and scalps, normal, dandruff, dry, oily, procedures and precautions. Treatment for alopecia, areata, preparation, procedure and precaution. Ninety hours of instruction. Three semester hours.
- VCO 1414 — Hair Shaping — Scissors and Razors.** Practical application in the area of shaping with scissors and razor, purpose, implements, sectioning, hair thinning, wet, scissors wet and dry. One hundred twenty hours of instruction. Four semester hours.
- VCO 1514 — Hair Styling — Finger Waving.** Practical application in styling and finger waving to include lotions, preparation, horizontal and alternate methods, vertical, pin curls to include parts of a curl, mobility, comb-out, direction, foundation, techniques. Shaping to include ridge and skip, effect of pin curls, roller curls, hair sectioning, techniques for combing and brushing, artistry in hair styling to include facial types and profiles, cold waves, scalp and hair analysis, curling rods and chemicals, lotions, neutralizers, chemical hair relaxers. One hundred twenty hours of instruction. Four semester hours.
- VCO 1123 — Cosmetology Theory II.** Theory to include anatomy and physiology, dermatology, trichology, onychology, chemistry to include care and styling of wigs, manicure and pedicure, permanent waving, hair coloring and lightening. Ninety hours of instruction. Three semester hours.
- VCO 1613 — Care and Styling of Wigs.** Practical application to include styling wigs and hair pieces, reasons for wig necessity, fashion, practicality, quality in wigs, human hair, types of wigs, taking wig measurements and ordering. Ninety hours of instruction. Three semester hours.
- VCO 1713 — Manicure and Pedicure.** Practical applications in manicuring to include nail structure, adjoining structure, nail growth, qualifications, equipment, implement materials, cosmetics, shapes and preparation of nails, massages and sanitary care pedicuring to include precautions, equipment preparation and procedure, foot massage, nail disorders, nail irregularities and diseases. Ninety hours of instruction. Three semester hours.

- VCO 1814 — Permanent Waves.** Practical application in permanent waves to include cold waving principles and actions, basic requirements, scalp and hair analysis, curling rods and chemicals, sectioning and blocking, wrapping, test curls, application of waving lotions, pre-cold waving steps, cold waving procedures, completion, special problems, chemical hair relaxing, implements and supplies, ammonium thioglycolate. One hundred twenty hours of instruction. Four semester hours.
- VCO 1914 — Hair Coloring and Lightening.** Practical applications in coloring to include classification, metallic salts, aniline derivative tints, preparation, permanent hair coloring, re-touch, highlighting shampoo tints. Hair lightening to include types, actions, selections, toners, frosting both tipping and streaking, fillers, to include color fillers and removal of tints. One hundred twenty hours of instruction. Four semester hours.
- VCO 2113 — Chemical Hair Relaxing.** Practical application in chemical hair relaxing to include classification, neutralizers, basic steps and processes, safety and precautions. Ninety hours of instruction. Three semester hours.
- VCO 2133 — Cosmetology Theory III.** Theory to include safety precautions, state cosmetology laws, rules and regulations, advanced theory, chemical hair relaxing, facials and make-up, thermal techniques, beauty salon management and operation. Ninety hours of instruction. Three semester hours.
- VCO 2213 — Facials and Make-up.** Practical application in giving facial treatment to include theory of massage, physiological effects, facial treatments to include types, plain facials, manipulation and special problems of dry and oily skin, treatment of acne, pack facials and muscle toning, facial makeup to include preparation, supplies, procedures, types of face, cosmetics, both foundation and face powder, cheek and lip rouge and eye make-up. Corrective make-up, and eyebrow arching. Ninety hours of instruction. Three semester hours.
- VCO 2313 — Thermal Techniques.** Practical application in thermal waving and curling to include exercises with cold iron, methods of thermal waving to include layer methods pick-up procedures, shadow thermal waving, croquignole thermal. Ninety hours of instruction. Three semester hours.
- VCO 2413 — Beauty Salon Management.** Practical application in opening and operating a beauty salon according to state regulations, business law and insurance, salesmanship, records, supplies, equipment, organizing shop, first aid and safety. Ninety hours of instruction. Three semester hours.
- VCO 2412 — Special Assignments.** To be assigned by instructor as needs of students indicate. Sixty hours of instruction. Two semester hours.
- VCO 2503 — Teacher Trainee Observation.** A teacher trainee shall acquire 12 hours of theory and 68 hours of skill training in Cosmetological Observation. Eighty hours of instructions. Three semester hours.
- VCO 2505 — The Professional Teacher I.** Professional application and theory to include:

- A. The Teacher
 - 1. Personality
 - 2. Technical Knowledge
 - 3. Teacher's Characteristics
 - 4. Teachers as Professionals
- B. Preparation for Teaching
 - 1. Planning the course
 - 2. Preparing Lesson Plans
 - a. Objectives
 - b. Outline
 - c. Student Activities
 - 3. Steps of Teaching
 - a. Preparation
 - b. Presentation
 - c. Application
 - d. Testing

One hundred sixty hours of instruction + - 10%. Five semester hours.

VCO 2509 — The Professional Teacher II. A continuation of VOC 2505. For the teacher/trainee who has no cosmetology experience. Two hundred eighty hours of instruction + - 10%. Nine semester hours.

VOC 2513 — Student Motivation and Learning I. Professional applications and training include:

- A. Laws Governing Learning Processes
- B. Student Motivation
- C. Student Preparation
- D. Student Personalities
- E. Individual Differences
 - 1. Slow Learner
 - 2. Gifted Learner

Ninety hours of instruction + - 10%. Three semester hours.

VOC 2507 — Student Motivation and Learning II. A continuation of VOC 2513 for the teacher/trainee who has no cosmetology experience. Two hundred fifteen hours of instruction + - 10%. Seven semester hours.

VOC 2511 — Methods Management and Materials I. Professional application and training to include:

- A. Methods, Procedures, and Techniques of Teaching
 - 1. Lectures and Discussions
 - 2. Demonstrations
 - 3. Conducting Practice Activities
 - 4. Questioning Techniques
 - 5. Results
 - 6. Special Situations
- B. Classroom Management
 - 1. Physical Environment

2. Administrative Duties
3. Student Discipline
4. Class Supervision
5. Classroom Routine
6. Corrective Measures

C. Teaching Materials

1. Audio-Visual Aids (Types)
2. Values of Different Teaching Aids
3. Correct Usage
4. Miscellaneous Teaching Materials
 - a. Textbooks
 - b. Workbooks
 - c. Reference Books
 - d. Creative Aids

Four hundred forty eight hours of instruction + - 10%. Eleven semester hours.

VOC 2515 — Methods, Management, and Materials II. A continuation of VOC 2511 for the teacher/trainee who has no cosmetology experience. Four hundred forty eight hours of instruction - + 10%. Fifteen semester hours.

VOC 2502 — Testing and Evaluation I. Professional application and training to include:

A. Testing

1. Purpose
2. Performance Tests
3. Written Tests
4. Standardized Tests

B. Evaluation

1. General Student Abilities
2. Student Achievement
3. Teacher Evaluation

Sixty five hours of instruction - + 10%. Two semester hours.

VOC 2506 — Testing and Evaluation II. A continuation of VOC 2502 for the teacher/trainee who has no cosmetology experience. One hundred eighty one hours of instruction. Six semester hours.

VOC 2501 — Cosmetology Law, Rules, and Regulations I. A study of laws controlling and regulating the practice of cosmetology in the state of Mississippi. Ten hours of instruction + - 10%. One semester hour.

VOC 2504 — Cosmetology Law, Rules, and Regulations II. A continuation of VOC 2501 for the teacher/trainee who has no cosmetology experience. One hundred twenty six hours of instruction. Four semester hours.

DIESEL AUTOMOTIVE, INDUSTRIAL ENGINES AND COMPONENTS 8061

(Jefferson Davis Campus)

The basic objective of this program is to prepare students for successful careers by providing them with fundamental training in the maintenance and repair of diesel engines and components.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION	SEMESTER HOURS
VDM 1011 Safety and Orientation	1
VDM 1012 Applied Math.....	2
VDM 1022 Applied Science.....	2
VDM 1033 General Description.....	3
VDM 1044 Automotive Engines (Part I).....	4
VDM 1063 Fuel Systems (Part I)	3
VDM 1072 Tune-up.....	2
VDM 1092 Cooling Systems (Part I).....	2
VDM 1054 Automotive Engines (Part I).....	4
VDM 1083 Electrical Systems.....	3
VDM 1103 Suspension Systems	3
VDM 1111 Welding and Burning.....	1
VDM 1053 Braking Systems (Part I).....	3
VDM 1093 Power Trains (Part I)	3
VDM 2013 Fuel Systems (Part II)	3
VDM 2023 Power Trains (Part II)	3
VDM 2033 Power Trains (Part III)	3
VDM 2043 Disassembly and Diesel Assembly I.....	3
VDM 2053 Disassembly and Diesel Assembly II.....	3
VDM 2063 Disassembly and Diesel Assembly III.....	3
VDM 2073 Hydraulic Systems.....	3
VDM 2082 Air Conditioning.....	2
VDM 2093 Tune-up and Troubleshooting I.....	3
VDM 2113 Tune-up and Troubleshooting II.....	3
VDM 2114 Tune-up and Troubleshooting III.....	4
VDM 2123 Braking Systems (Part II)	<u>3</u>
(2160 Clock Hours) TOTAL SEMESTER HOURS	72

VDM 1103 — Suspension Systems. Tires, wheels, springs and shock absorbers, rear and front suspension, and other control members. One hundred twenty hours of instruction. Three semester hours.

VDM 1101 — Safety and Orientation. Personal and team safety; safe use of hand and power tools of the trade, safety in testing procedures, handling of materials. Safe dress and habits. Use of fire fighting equipment and first aid. Thirty hours of instruction. One semester hour.

VDM 1012 — Applied Math. A basic unit of instruction for trade occupation programs, problem solving as applied to the trade in whole numbers, frac-

tions, decimals, percentages, averages, ratio and proportion, trade formulas in applied geometry and trigonometry. Ninety hours of instruction. Three semester hours.

- VDM 1022 — Applied Science.** Basic scientific principles, matter, precision measurement, lubrication, heat transfer and property of abrasives. Sixty hours of instruction. Two semester hours.
- VDM 1033 — General Description and Construction.** Description of engines, their design, assembly and disassembly, length of stroke and diameter of bore, function of valves, cooling systems and lubrication systems. Ninety hours of instruction. Three semester hours.
- VDM 1044 & 1054 — Automotive Engines (Part I & II).** General description of the engine, the two and four stroke cycle, block and head, crankshaft, the pistons and rod assembly, camshaft, oil pump, engine chassis connections and diagnostic methods. Two hundred forty hours of instruction. Four semester hours each.
- VDM 1063 & 2013 — Fuel Systems (Part I & II).** A study of fuel systems for gasoline and diesel powered engines. Removal, repair and replacement of all components to include fuel pumps, filters, tanks, lines, fuel injectors, injection pumps, into the manifolds and exhaust systems. One hundred eighty hours of instruction. Three semester hours each.
- VDM 1072 — Tune-Up.** Introduction, general information; diagnosis and testing in preparation for tune-up; electrical systems, ignition systems, charging systems; starting systems; distributor, plugs and conductors; starters, batteries and conductors; inspect, adjust, test diagnose, repair and/or replace all parts of electrical system; operate test equipment, distributor tester, generator tester, alternator tester. Sixty hours of instruction. Two semester hours.
- VDM 1083 — Electrical System.** Fundamental electrical data, starting circuits, charging and ignition systems, electrical circuits and troubleshooting. Ninety hours of instruction. Three semester hours.
- VDM 1092 — Cooling Systems.** Principles of cooling systems, operations, service of major components. Sixty hours of instruction. Two semester hours.
- VDM 1111 — Welding and Burning.** Strike and hold an arc; deposit a bead; run a series of passes in a flat position; metal joining, fundamentals of torch lighting, torch adjusting and holding; straight burning; angle burning. Sixty hours of instruction. Two semester hours.
- VDM 1053 & 2123 — Braking Systems.** Drum-type, disk-type emergency brakes, master cylinder, wheel cylinders, and vacuum boosters. Practical experience provided in the service, repair, and troubleshooting. One hundred and eighty hours of instruction. Six semester hours.
- VDM 1093, 2023 & 2033 — Power Trains (Part I, II, & III).** Clutch and overdrive, synchromesh and automatic transmissions, drive shaft, universal joints, rear axles, standard differentials. Practical experience provided in service, repair,

and troubleshooting. Two hundred seventy hours of instruction. Three semester hours each.

VDM 2043, 2053 & 2063 — Disassembly and Diesel Assembly (Part I, II & III).

Identification and functions of the various components of the head; techniques of and practical experience in the disassembly, cleaning, inspection, servicing, assembly, and adjusting component of the head to include: valves, springs, seals, rocker arms, exhaust parts and injection tubes.

General description of the identification and function of the internal parts of the two and four cycle engine blocks; to include the crankshaft, rods, pistons, rings and pins, camshaft drives, bushings, and lobes, access holes and plates, oil coolant passages, valve lifters and lifter bores. Techniques of the practical experience in the disassembly, cleaning, inspection, service, repair and assembly of the internal components of the two and four cycle engine block. Block construction, cylinder design, crankshaft assembly, camshaft assembly, oil pan, accessory drive, and accessory drive case. Two hundred seventy hours of instruction. Three semester hours each.

VDM 2073 — Hydraulic Systems. Steering gears and linkage, hydraulic pumps and lines, lubrication and service. Ninety hours of instruction. Three semester hours.

VDM 2082 — Air Conditioning. Types of air conditioners, air conditioner installation, heater installations; all season air conditioning. Sixty hours.

VDM 2093, 2113, & 2114 — Tune-up and Troubleshooting (Part I, II & III).

Established procedures for the identification of engine malfunctions, disassembly, service, repair, reassembly, tune-up, and dynamometer testing of engines. Three hundred hours of instruction. Ten semester hours.

TEACHER ASSISTANT 8065

(Jefferson Davis Campus)

This program is designed to prepare individuals to work as assistant teachers in elementary classrooms. The instructional program includes classroom, lab, and field experiences.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

ADMISSION REQUIREMENTS:

The applicant will have an official high school transcript sent to the College verifying graduation date or supply General Education Development test scores certifying high school graduation equivalency.

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
FIRST SEMESTER		
TAV 1113	Early Childhood Education for the Teacher Assistant	3
TAV 1213	Assisting with the Special Child	3
TAV 1333	Receptive and Expressive Language Art Skills for the Teacher Assistant.....	3
TAV 1143	Health, Nutrition, and Safety for the Elementary Child	3
TAV 1153	Directing Activities for the Elementary Child	3
TAV 1913	Practicum I for the Teacher Assistant	3
SECOND SEMESTER		
TAV 1613	Effective Use of Media and Resources for the Teacher Assistant	3
TAV 1623	Educational Planning for the Teacher Assistant	3
TAV 1633	Methods and Materials in Reading for the Teacher Assistant	3
TAV 1643	Methods and Materials in Handwriting for the Teacher Assistant	3
TAV 1653	Methods and Materials in Mathematics for the Teacher Assistant	3
TAV 1923	Practicum II for the Teacher Assistant	3
	TOTAL SEMESTER HOURS	36

TAV 1113 — Early Childhood Education for the Teacher Assistant. This course is designed as an introduction to early childhood education and the role and responsibility of the assistant teacher.

TAV 1213 — Assisting with the Special Child. This course reviews the characteristics of the normal, exceptional, abused, and/or neglected child.

TAV 1333 — Receptive and Expressive Language Art Skills for the Teacher Assistant. This course is designed for personal skills development in the areas of oral reading, reading comprehension, effective listening, nonverbal communication, oral and written language, and oral presentations by the teacher assistant.

TAV 1143 — Health, Nutrition, and Safety for Elementary Children. This course is designed as an introduction to the current concepts in the fields of health, safety, and nutrition and their relationship to early childhood education. It is intended to help adults assist children to develop good habits and attitudes and to assume lifelong responsibility for their own well-being.

TAV 1153 — Directing Activities for the Elementary Child. This course is designed to familiarize the students with an understanding of the physical, artistic, and musical development of the elementary child and the appropriate applications of methods and materials used for activities by the teacher assistant in the elementary classroom.

TAV 1913 — Practicum I for the Teacher Assistant. The teacher assistant will spend scheduled time in elementary classrooms for supervised learning experiences. The teacher assistant will observe and record the daily aspects of elementary instructional program within the classroom.

TAV 1613 — Effective Use of Media and Resources for the Teacher Assistant. This course is designed to teach the student to create and use resource materials effectively. Emphasis will also be placed on proper use of audiovisual and office equipment for development and use of instructional materials by the teacher assistant.

TAV 1623 — Educational Planning for the Teacher Assistant. This course will introduce the student to the scope and sequence of elementary curricula. Emphasis will also be placed on the interpretation and implementation of lesson plans and the use of various instructional techniques by the teacher assistant.

TAV 1633 — Methods and Materials in Reading for the Teacher Assistant. This course is designed to introduce the student to the methods and materials used in reading instruction and the appropriate applications by the teacher assistant in the elementary classroom.

TAV 1643 — Methods and Materials in Handwriting for the Teacher Assistant. This course is designed to familiarize the students with the methods and materials used in handwriting instruction and the appropriate applications by the teacher assistant in the elementary classroom.

TAV 1653 — Methods and Materials in Mathematics for the Teacher Assistant. This course is designed to familiarize the student with the methods and materials used in mathematics instruction and appropriate applications by the teacher assistant in the elementary classroom.

TAV 1923 — Practicum II for the Teacher Assistant. The teacher assistant will spend scheduled time in the elementary classrooms for supervised learning experiences. The teacher assistant will observe and record the daily aspects of the elementary instructional program within the classroom.

INDUSTRIAL DRAFTING 8155

(West Harrison County Occupational Training Center)

The curriculum imparts skill and knowledge in translating engineering ideas into lines and dimensions on paper for use by the craftsman in making an idea a reality. The Industrial Drafting curriculum will develop graduates with the following:

— A well rounded educational experience whereby students may develop their capabilities and interest to a degree of maximum value to themselves and to our society.

— Essential knowledge and skills required for efficient and productive performance in the drafting and design phase of the industrial world.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VID 1055	Architectural Drafting and Design	5
VID 1075	Piping, Sheetmetal and Electrical Drafting	5
VID 1096	Plane Surveying.....	6
VID 1105	Fundamentals of Drafting	5
VID 1106	Mathematics	6
VID 1115	Machine Drafting.....	5
VID 1125	Structural Design and Strength of Materials.....	5
VID 1163	Construction Materials and Cost Estimating	3
VID 1173	Computer Aided Drafting I	3
VID 1183	Computer Aided Drafting II	3
	TOTAL SEMESTER HOURS	46

VID 1055 — Architectural Drafting and Design. Instruction is given in the basic principles of design and planning for residential work. A complete set of plans for a residence or other small building is developed by each student. Building code requirements, utility application, and proper selection of construction materials must be observed in planning. One hundred and fifty hours of instruction. Five semester hours.

VID 1063 — Map and Topographical Drawing. Selected drafting techniques are applied to problems of making maps, traverses, plot plans, plan and profile drawings using maps and field survey data. Ninety hours of instruction. Three semester hours.

VID 1075 — Piping, Sheetmetal and Electrical Drafting. An advanced course in drafting. Techniques and knowledge are employed in the planning of mechanical and electrical objectives. Efficient use of applicable handbooks and code books is an integral part of this course. One hundred and fifty hours of instruction. Five semester hours.

VID 1096 — Plane Surveying. A study of the theory and practice of surveying, including the use and care of instruments, land descriptions, calculations, and the use of aerial photographs. One hundred and eighty hours of instruction. Six semester hours.

VID 1105 — Fundamentals of Drafting. This course is designed to provide fundamental knowledge of the principles of drafting as well as skill in the basic techniques of using drafting room equipment. It covers such topics as lettering, inking, geometric construction, sketching, orthographic projections, pictorial drawing, dimensioning, section and simple scale drawings. One hundred and fifty hours of instruction. Five semester hours.

- VID 1106 — Mathematics.** Will include basic mathematics and indepth study of their applications to the industrial drafting occupation. One hundred and eighty hours of instruction. Six semester hours.
- VIC 1115 — Machine Drafting.** An introduction is given to various mechanical parts as well as complete assemblies. Working drawings are made of various mechanical parts. One hundred and fifty hours of instruction. Five semester hours.
- VIC 1125 — Structural Design and Strength of Materials.** This course is designed to give basic understanding of the strength of materials. It covers the following topics: simple stresses, strains, physical characteristics of materials, reactions, moments of inertia and deflections, applications to machine parts and structural parts. Problems in the structural detailing and design involve the drawing of beams, columns, connections, stresses and braces. One hundred and fifty hours of instruction. Five semester hours.
- VID 1133 — Introduction to Steel Shipbuilding and Blueprint Reading.** This course is designed to give the students an understanding of the ship as a whole and acquaintance with actual working drawing of a ship. Class work involves both research and drawing. Ninety hours of instruction. Three semester hours.
- VID 1163 — Construction Materials and Cost Estimating.** An introduction to the materials used in the construction industry and to the basic methods of cost estimating and procedures required in material takeoffs. Thirty hours of instruction. Three semester hours.
- VIS 1173 — Computer Aided Drafting I.** An introductory course dealing with concepts, terminology, and theory of computers with direct applications and use of graphics, terminals and plotters. Students will be able to prepare engineering drawings through the utilization of computer aided drafting equipment. Prerequisite: VID 1105 or two years of high school drafting.
- VID 1183 — Computer Aided Drafting II.** The course is designed to give the student an extension of basic user commands and a comprehensive insight into the advanced fundamentals of computer aided drafting processes. This, grouped with extensive hands-on training, provides the student with a strong basis and understanding of computer aided drafting while increasing the proficiency of the student's ability as an operator. Prerequisites: VID 1105 and VID 1173.

INDUSTRIAL ELECTRICITY 8070

(Jackson County and Jefferson Davis Campuses and
West Harrison County Occupational Training Center)

This is a competency based program of instruction. It is open entry/open exit with minimum standards of progress that must be met. Entry levels are identified and a minimum of eighth grade level with remedial reading and/or math requirements can be acceptable providing satisfactory progress is made in the deficient area. Students progress according to their ability and determination to an equal level of competency that is measured by written, oral and performance evaluations. The instruction is designed for a balance of theory and practical application. This is achieved by individual instruction, a planned written program, audio visual aids and proven practical experiments. The length of this program is 1380 clock hours. A student completing this course must demonstrate a minimum level of competency in all major areas of industrial electricity as prescribed by the curriculum.

A student completing this program should be able to enter the world of work as a second or third year apprentice or a second or first class helper, requiring one or two years of on the job experience prior to receiving first class journeyman classification, based on local methods of certification.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VIE 1001	Industrial Safety	1
VIE 1015	Electrical Theory (D.C. Fundamentals)	5
VIE 1025	Electrical Theory (A.C. Fundamentals)	5
VIE 1035	Industrial and Commercial Wiring	5
VIE 1044	Blueprint Reading and Sketching	4
VIE 1104	Electrical Wiring of Residence	4
VIE 1117	Electrical Equipment	7
VIE 1125	Electrical Systems Design (NEC)	5
VIE 1135	Special Electrical Systems	5
VIE 1145	Solid State Control Systems	5
RE 1000	Employability Skills	
RE 1010, 1020	Related Education	
(1380 Class Hours)	TOTAL SEMESTER HOURS	46

VIE 1001 — Industrial Safety. Personal and team safety; safe use of hand and power tools of the trade; safety awareness, safe testing procedures; safe dress and habits; safe handling of the materials of the trade; use of fire fighting equipment; administering first aid, and government (OSHA) requirements. Thirty hours. One semester hour.

VIE 1015 — Electrical Theory (D.C. Fundamentals). Electron Theory: sources of E.M.F.; relationships of direct voltage, current, resistance and power in series parallel and complex circuits; conductors, semi-conductors insulators; measuring instruments; magnetism; switching and regulation (D.C.) current

and voltage; symbols and schematics. Five semester hours. (150 hours of instruction).

- VIE 1025 — Electrical Theory (A.C. Fundamentals).** Principles of alternating current; relationship of voltage, current and power in A.C. resistive and reactive circuits; capacitance; inductance; vector analysis of A.C. circuits; power, power factor and power factor correction; symbols and schematics. Five semester hours. (150 hours instruction).
- VIE 1035 — Industrial and Commercial Wiring.** Selection, installation, care and use of electrical materials and tools, NEC and NEMA standards; basic wiring practices, conduit bending, materials installation, fasteners and supports symbols, wiring diagrams and bills of materials for cost estimates; planning and control processes. Five semester hours. 150 hours instruction.
- VIE 1044 — Blueprint Reading and Sketching (NEC requirements).** Introduction to blueprint reading, shop drawing and sketching; estimating and material take-off; architectural drawings and specifications, residential, commercial and industrial applications; engineering, panel and assembly drawings; computer applications. Four semester hours. (120 hours instruction).
- VIE 1104 — Electrical Wiring of Residence. (NEC and Local requirements).** Single phase power distribution; service entrance installations, branch circuit installations single family and multi-family dwelling power calculations, residential air condition and heating; telephone installation and repair; fire and smoke and burglar alarm system; energy management and remote control systems. Four semester hours. (120 hours instruction).
- VIE 1117 — Electrical Equipment. A.C. — D.C. motors and controllers; single phase motors and controllers; single phase transformers; polyphase A.C. motors and controllers; polyphase transformers; overcurrent protection; grounding; and protective devices. Alternators and controls. Seven semester hours. (210 hours instruction).**
- VIE 1125 — Electrical Systems Design (NEC).** Design and protections; equipment design use; motors and motor control; air condition and refrigeration; transformers and grounding; industrial and commercial locations. Hazardous locations. Five semester hours. (150 hours instruction).
- VIE 1135 — Special Electrical Systems.** Commercial fire alarm systems, commercial clock systems, energy monitoring systems, commercial security alarm systems. Electrical appliance troubleshooting and repair. Five semester hours. (150 hours instruction). Based on current local demands.
- VIE 1145 — Solid State Control Systems.** Introduction to solid state theory; basic solid state motor controls, troubleshooting and repair; solid state switching and regulating; using sensing devices: Binary codes and programmable controller. Five semester hours. (150 hours instruction).

LANDSCAPE CONSTRUCTION AND DESIGN 8151 (Greenhouse and Turfgrass Management)

West Harrison County Occupational Training Center

Emphasis in this curriculum is placed on Landscape Construction and Design with optional sequences in Greenhouse or Turfgrass Management. Successful graduates of the program will be prepared for the Certified Nurseryman's Certificate. Following internship with a landscape company, the successful graduate will be qualified for the State Landscape Gardening License, enabling them to enter careers in the landscape industry as apprentice designers, installers, construction foremen, and maintenance specialists. Job placement services will be available to help place graduates in gainful employment.

This program leads to the MGCCC diploma. Students who complete diploma requirements of 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

Landscape Construction and Design Sequence

MAJOR UNITS OF INSTRUCTION	SEMESTER HOURS
1ST SEMESTER	
VLD 1003 Principles of Plant Growth	3
VLD 1013 Plant Materials I	3
VLD 1023 Landscape Construction Techniques.....	3
VLD 1033 Soils and Drainage	3
VLD 1043 Basic Landscape Design.....	3
2ND SEMESTER	
VLD 2003 Plant Materials II	3
VLD 2013 Landscape Installation and Maintenance	3
VLD 2023 Disease and Pest Control.....	3
VLD 2033 Landscape Engineering.....	3
VLD 2043 Advanced Landscape Design	3
SUMMER	
VLD 2051 Landscape Marketing.....	1
VLD 2103 Foremanship	3
VLD 2113 Weed and Nematodes Control.....	3
VLD 2114 Turfgrasses for Golf and Landscaping	4
TOTAL SEMESTER HOURS	41

Greenhouse Management Sequence
MAJOR UNITS OF INSTRUCTION

SEMESTER HOURS

1ST SEMESTER

VLD 1003	Principles of Plant Growth	3
VLD 1013	Plant Materials I	3
VLD 1023	Landscape Construction Techniques.....	3
VLD 1033	Soils and Drainage	3
VLD 1053	Greenhouse Environment and Equipment.....	3

2ND SEMESTER

VLD 2003	Plant Materials II	3
VLD 2023	Disease and Pest Control.....	3
VLD 2033	Landscape Engineering.....	3
VLD 2051	Landscape Marketing.....	1
VLD 2053	Plant Nutrition	3

SUMMER SEMESTER

VLD 2103	Foremanship	3
VLD 2113	Weed and Nematodes Control.....	3
VLD 2143	Greenhouse Management	3
VLD 2153	Plant Production	3
	TOTAL SEMESTER HOURS	40

Turfgrass Management Sequence
MAJOR UNITS OF INSTRUCTION

1ST SEMESTER

VLD 1003	Principles of Plant Growth	3
VLD 1013	Plant Materials I	3
VLD 1023	Landscape Construction Techniques.....	3
VLD 1033	Soils and Drainage	3
VLD 1073	Turfgrass I.....	3
VLD 1083	Irrigation.....	3

2ND SEMESTER

VLD 2003	Plant Materials II	3
VLD 2023	Disease and Pest Control.....	3
VLD 2033	Landscape Engineering.....	3
VLD 2051	Landscape Marketing.....	1
VLD 2073	Turfgrass II.....	3

SUMMER SEMESTER

VLD 2103	Foremanship	3
VLD 2113	Weed and Nematodes Control.....	3
VLD 2114	Turfgrasses for Golf and Landscaping.....	4
VLD 2163	Turfgrass Management.....	3
	TOTAL SEMESTER HOURS	44

- VLD 1003 — Principles of Plant Growth.** (3 Hours) A course designed to familiarize the students with plant processes, primary plant parts, vascular systems, root systems, and photosynthesis; also cultural and environmental factors affecting plant growth, as well as macro and micronutrients affecting plant growth.
- VLD 1013 — Plant Materials I.** (3 Hours) Identification and study of most commonly used trees and shrubs used in landscape operations, including ground covers and vines.
- VLD 1023 — Landscape Construction Techniques.** (3 Hours) Training in basic tools, machinery and elements of construction of landscape features with emphasis on correct operations and maintenance.
- VLD 1033 — Soils and Drainage.** (3 Hours) Study of soil properties, types, and management practices as each affects growth and maintenance of turf grasses and tree and shrub growth.
- VLD 1043 — Basic Landscape Design.** (3 Hours) Study, practice and analysis of landscape design with emphasis on residential and commercial properties.
- VLD 1053 — Greenhouse Environment and Equipment.** (3 Hours) Training in assembling a greenhouse, regulating the environment and using equipment needed to maintain a greenhouse.
- VLD 1073 — Turfgrass I.** (3 Hours) Identification and study of turfgrasses used in landscape and golf facilities.
- VLD 1083 — Irrigation.** (3 Hours) Study of irrigation techniques and systems used in turfgrass establishment and maintenance including installation and maintenance of systems.
- VLD 2003 — Plant Materials II.** (3 Hours) A continuation of Plant Materials I emphasizing the use of annuals and perennials in true landscape design.
- VLD 2013 — Landscape Installation and Maintenance.** (3 Hours) Study of procedures involved in properly installing and maintaining plant materials in the landscape with emphasis on landscape construction.
- VLD 2023 — Landscape Disease and Pest Control.** (3 Hours) Study of disease and pest problems on landscape plants, emphasizing control principles and recommendations, calibrations and use of equipment and recommendations, calibrations and use of equipment with further emphasis on safety regulations and practices.
- VLD 2033 — Landscape Engineering.** (3 Hours) Emphasis on drafting, surveying, and map and blueprint reading.
- VLD 2043 — Advance Landscape Design.** (3 Hours) Prerequisites — all first semester courses. Emphasis is placed on site planning and evaluation, as well as actual drawing of plans.

- VLD 2051 — Landscape Marketing.** (1 Hour) Course will examine specific areas of the landscape industry including problems involved in marketing, production and other forms of promotion.
- VLD 2053 — Plant Nutrition.** (3 Hours) Study of principles of mineral nutrition used to develop and maintain plant development and growth.
- VLD 2073 — Turfgrass II.** (3 Hours) A continuation of Turfgrass I emphasizing seasonal care.
- VLD 2103 — Foremanship.** (3 Hours) Course will entail interviews with landscape company owners and foremen with emphasis on the importance of appearance, courtesy, punctuality, and effective time usage of employees.
- VLD 2113 — Weed and Nematodes Control.** (3 Hours) Study of weeds and nematodes and their control in the landscape. Emphasis placed on control recommendations, calibration, and safe uses.
- VLD 2114 — Turfgrasses for Golf and Landscaping.** (4 Hours) Identification, evaluation, establishment, and maintenance of turfgrasses used in golf and landscape facilities.
- VLD 2143 — Greenhouse Management.** (3 Hours) Detailed study of principles and practice of greenhouse operation and management.
- VLD 2153 — Plant Production.** (3 Hours) Study of methods used in plant propagation in the greenhouse including soil types, pesticides and proper lighting and irrigation.
- VLD 2163 — Turfgrass Management.** (3 Hours) Techniques of turfgrass management including pesticide control and irrigation of landscape facilities.

MACHINE SHOP 8090

(Jackson County Campus)

Machine Shop training is preparatory for job entry as a machinist or may be used to supplement the knowledge and skills of the employed machinist who desires increased competency in his occupation field.

Individuals completing this program will be capable in such areas as: blueprint reading, production of shop sketches, precision and non-precision hand tools, power saws, lathe operations, shaper operations, milling and grinding machines, industrial safety, welding and burning, shop math, gear manufacturing, turret lathe operations, metallurgy computer, numerical control machines and basic tool and die.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VMS 1003	Benchwork	3
VMS 1021	Power Saws	1
VMS 1032	Elementary Lathe Operations	2
VMS 1044	Intermediate Lathe Operations	4
VMS 1055	Advanced Lathe Operations	5
VMS 1062	Drilling Machines	2
VMS 1082	Milling Machines	2
VMS 1094	Milling Machine Operations	4
VMS 1104	Advanced Milling Machine Operations	4
VMS 1112	Grinding Machines	2
VMS 1121	Industrial Safety	1
VMS 1132	Welding and Burning	2
VMS 1142	Blueprint Reading	2
VMS 1153	Applied Mathematics	3
VMS 1163	Applied Science	3
VMS 2003	Pumps and Valves	3
VMS 2013	Advanced Blueprint Reading	3
VMS 2024	Metallurgy	4
VMS 2032	Turret Lathes	2
VMS 2045	Precision Grinding	5
VMS 2052	CNC Tooling	2
VMS 2064	CNC Milling Machine Operation	4
VMS 2074	CNC Lathe Operations	4
VMS 2085	Basic Tool and Die	5
VRE 1000	Employability Skills	
VRE 1010	Related Education	
VRE 1020	Related Education	
(2160 Clock Hours)	TOTAL SEMESTER HOURS	72

VMS 1003 — Benchwork. Cut with handsaws and cold chisels; thread with taps and dies; file soft and hard metals; ream; use metal fasteners and tools for assembling; polish with abrasive cloth; measure with outside micrometers, comparitors, and semiprecision tools; make layouts using trammel points, dividers, and with vernier height gage, drill with power hand drill; sand with bench sander and portable power sander, grind with portable hand grinder. Ninety hours instruction. Three semester hours.

VMS 1021 — Power Saws. Straight and angular cutting with power hacksaw; straight, angular and contour cutting with band saw. Thirty hours instruction. One semester hour.

VMS 1032 — Elementary Lathe Operations. Types, parts, care and lubrication of engine lathes. Cutting tools, speeds and feeds and types of operations. Sixty hours instruction. Two semester hours.

VMS 1045 — Intermediate Lathe Operations. Types and usage of work holding devices. Turning between centers, drilling, boring and reaming operations. Use of face plates and collets and associated math. One hundred fifty hours instruction. Five semester hours.

- VMS 1054 — Advanced Lathe Operations.** Uses of steady and follower rests. Machining various types of tapers and angles, performing knurling operations. Types, calculating and machining external and internal threads. One hundred twenty hours instruction. Four semester hours.
- VMS 1062 — Drilling Machines.** Straight drilling of flat and round stock; counter-boring; reaming, tapping, spotfacing, counter-sinking for machine screws. Sixty hours instruction. Two semester hours.
- VMS 1082 — Milling Machines.** Types, parts, care and lubrication of milling machines. Types of cutters, attachments, speeds and feeds, and operating principles. Work holding devices, set-up procedures and associated shop math. Sixty hours instruction. Two semester hours.
- VMS 1094 — Milling Machine Operations.** Perform horizontal and vertical surface milling. Perform slotting, keyseating and end milling operations with horizontal milling machine. Angle milling, boring, reaming, drilling, spot facing, counter-boring and slotting operations on vertical milling machine. One hundred twenty hours instruction. Four semester hours.
- VMS 1104 — Advanced Milling Machine Operations.** Study and practical application in design, formulation, center-to-center distances, and machining of spur gears. Design, formulation, calculation, and setup for machining various leads, and helical gears. Design, formulations, shaft angles, and set-up for machining bevel gears. Uses of rotary tables and index heads, associated math and various machining application. One hundred twenty hours instruction. Four semester hours.
- VMS 1112 — Grinding Machines.** Composition and manufacture of grinding wheels, grinding wheel markings, types of grinding wheels, wheel selection for work to be ground, grinding safety, installations of grinding wheel and machine set-up, grind lathe cutting tools, grind drill bits, grind metal cutting tools, recondition by grinding various types of hand tools. Sixty hours of instruction. Two semester hours.
- VMS 1121 — Industrial Safety.** Personal and team safety; safe use of hand and power tools of the trade; safe testing procedures; safe dress and habits; safe handling of the materials of the trade; use of firefighting equipment; administering first aid. Thirty hours instruction. One semester hour.
- VMS 1132 — Welding and Burning.** Strike and hold an arc; deposit a bead; run a series of passes in a flat position; metal joining; fundamentals of torch lighting, torch adjusting and holding; straight burning; angle burning. Sixty hours instruction. Two semester hours.
- VMS 1142 — Blueprint Reading.** Freehand sketch views of objects; read symbols as applied to the trade; read scales and dimensions. Prepare shop sketches and read working drawings as applied to the trade. Sixty hours instruction. Two semester hours.
- VMS 1153 — Applied Mathematics.** A basic unit of instruction for trade occupations programs; problem solving as applied to the trade of whole numbers;

fractions; decimals; percentages; averages, ratio and proportion; trade formulas in applied geometry and trigonometry. Ninety hours instruction. Three semester hours.

VMS 1163 — Applied Science. Basic scientific principles; matter; measurements; precision measuring instruments; principles of lubrication; transfer of heat; properties of abrasives. Ninety hours instruction. Three semester hours.

VMS 2003 — Pumps and Valves. Types and uses of the various pumps and valves, emphasis for study in this course will be placed on disassembly, repairing, reassembling, and testing to operating specifications. This course will also place strong emphasis on developing competence at alignment procedures for various pumps. Ninety hours of instruction. Three semester hours.

VMS 2013 — Advanced Blueprint Reading. Supplementary training for second year students. This course is intended to develop an ability to read typical shop drawings, and blueprints for required dimensions, shape, description, machining operations, and other essential data required for the fabrication, construction, assembly and operation of parts and mechanisms. Prerequisite: MS 1142. Ninety hours instruction. Three semester hours.

VMS 2024 — Metallurgy. Study of various methods of identification, atomic structure, theory and practical application of various heat treating procedures, which include hardening, tempering, annealing, normalizing, and case hardening. Performing testing procedures for determining tensile strength, impact strength, hardness, and hardenability. One hundred twenty hours instruction. Four semester hours.

VMS 2032 — Turret Lathes. Study of various types of vertical and horizontal turret lathes. Parts and operating principles, tooling, production set-up, and practical application. Sixty hours instruction. Two semester hours.

VMS 2045 — Precision Grinding. Study and practical application of precision grinding machines, which are surface, cylindrical, and tool and cutter grinders. Manufacture and uses of abrasives, grinding wheel types, and marking systems. Theory of grinding, testing, truing and balancing wheels, and grinding safety. One hundred fifty hours instruction. Five semester hours.

VMS 2052 — CNC Tooling. Study of the various types of cutting tool materials, their uses and effects on productivity. Holding devices and production set up are covered in depth. Identification of the carbide insert numbering system. Sixty hours of instruction. Two semester hours.

VMS 2064 — CNC Milling Machine Operation. Study in the development of computerized machining programs for 3-axis milling machines. Inserting programs into computer memory. Set-up and manufacture machined parts. One hundred twenty hours of instruction. Four semester hours.

VMS 2074 — CNC Lathe Operation. Study in the development of computerized machining programs for a 2-axis lathe. Inserting program into computer memory. Align, set-up and manufacture machined parts to blueprint specifications. One hundred twenty hours of instruction. Four semester hours.

VMS 2085 — Basic Tool and Die. Fixture and die design, machining with multiple point tooling, form grinding, and using optical comparators. Polishing, buffing, and metal finishing techniques. One hundred eighty hours instruction. Six semester hours.

MARINE MAINTENANCE 8092

(Jackson County Campus)

46 weeks

The Marine Maintenance program is designed to prepare students to:

1. Perform tune-up operations on both gasoline inboard and outboard engines.
2. Effect repairs on outdrives.
3. Provide general repairs on small gasoline engines in addition to marine inboard and outboard engines.
4. Troubleshoot and repair accessory equipment.
5. Rig and repair boats.
6. Repair and maintain boat trailers.

The Marine Maintenance program is designed to satisfy the fundamental needs of the beginner in the field of marine maintenance. In addition to the specific field of marine maintenance, the graduate of this program of study would also be qualified as an entry level mechanic in the fields of small engine repair and automotive engine repair.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VMM 1111	Safety	1
VMM 1122	Applied Mathematics	2
VMM 1132	Applied Science	2
VMM 1146	Outboard Engines	6
VMM 1156	Inboard Gasoline Engines	6
VMM 1162	Marine Fuel Systems	2
VMM 1172	Lubrication Systems	2
VMM 1182	Cooling Systems	2
VMM 1213	Transmissions	3
VMM 1224	Outdrives	4
VMM 1231	Marine Accessories	1
VMM 1244	Boats	4
VMM 1251	Trailers	1
VMM 1262	Welding and Burning	2
VMM 1278	Tune-up	8
VRE 1000	Employability Skills	
VRE 1010, 1020	Related Education	
(1380 Clock Hours)	TOTAL SEMESTER HOURS	46

VMM 1111 — Safety. Personal safety; hand tool safety; power tool safety; fire fighting equipment and procedures; first aid; fuel storage; special fuel precautions for boats; batteries; water safety. 30 clock hours of instruction. 1 semester hour of credit.

VMM 1122 — Applied Mathematics. Whole numbers; fractions; decimals; percentages; averages; ratio and proportions; formulas; problem solving as applied to trade; metric system. 60 clock hours of instruction. 2 semester hours of credit.

VMM 1132 — Applied Science. Basic scientific principles; principles of fuel and lubrication; properties of abrasives; heat transfer; precision measuring tools and their use. 60 clock hours of instruction. 2 semester hours of credit.

VMM 1146 — Outboard Engines. General description of engines; two stroke cycle; four stroke cycle; power heads; crankshafts; piston and rod assemblies; camshafts; valve systems; lower units; drive systems; propellers; overhaul; preventative maintenance. 180 hours of instruction. 6 semester hours credit.

VMM 1156 — Inboard Gasoline Engines. General description; block and head; crankshaft; camshaft; piston and rods; valve system. 180 hours of instruction. 6 semester hours credit.

VMM 1162 — Marine Fuel Systems. Fuel tanks; pumps; carburetion intake manifolds; air cleaners; filters; fuel injection systems; fuel tank repair; refining and octane rating of fuels. 60 clock hours of instruction. 2 semester hours credit.

VMM 1172 — Lubrication Systems. Principles of lubrication; oil pumps; oil filters; general inspection and maintenance. 60 clock hours of instruction. 2 semester hours of credit.

- VMM 1182 — Cooling Systems.** Principles of air and liquid cooling systems; system operation; water jackets; water pumps; maintenance and service. 60 clock hours of instruction. 2 semester hours of credit.
- VMM 1213 — Transmissions.** Principles of operation/shift motors; control valves; overhaul; troubleshooting. 90 clock hours of instruction. 3 semester hours of credit.
- VMM 1224 — Outdrives.** General operation and description. Power steering; drive shafts; universal joints; housings/shift mechanisms; steering mechanisms; bearings; troubleshooting; overhaul. 120 clock hours of instruction. 4 semester hours of credit.
- VMM 1231 — Marine Accessories.** Bilge pumps; testing and installation of instruments; horns; installation of compasses, radios and navigational equipment. 30 clock hours of instruction. 1 semester hour of credit.
- VMM 1244 — Boats.** Electrical rigging; steering cables; engine mounting; fiberglass repair; preventative maintenance repair and cleaning/shift and throttle control maintenance and installation. 120 clock hours of instruction. 4 semester hours of credit.
- VMM 1251 — Trailers.** Electrical wiring installation and testing; winches; wheels and bearings; cradles and rollers; load adjustment; preventative maintenance. 30 clock hours of instruction. 1 semester hour of credit.
- VMM 1262 — Welding and Burning.** Welding safety; basic cutting and burning; Fundamental T.I.G.; Oxy-Acetylene Welding. 60 clock hours of instruction. 2 semester hours of credit.
- VMM 1278 — Tune-up.** Diagnosis and testing in preparation for tune-up; operation of test equipment; diagnose, repair and/or replace all parts of electrical, fuel, lubrication, cooling and drive systems. 240 clock hours of instruction. 8 semester hours of credit.

MEDICAL UNIT MANAGER 8096

(Jackson County and Jefferson Davis Campuses)

The Medical Unit Manager program is a two semester training certificate program. The Medical Unit Manager is a managerial-clerical worker who may be employed in hospitals, nursing homes, home health nursing, physician's office and such other situations where a trained manager or receptionist is needed.

Admission to the Medical Unit Manager Program is limited and by special application only. The student must be physically and emotionally able to meet the requirements of the program. An individual wishing to enroll in the program should complete the special Medical Unit Manager application and pre-entrance testing provided by the vocational counselor.

This program leads to the MGCCC diploma.

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS	
		1 Sem.	2 Sem.
VUM 1103	Vocational Relations.....	3	
VUM 1113	Applied Science.....	3	
VUM 1105	Management Skills I.....	5	
VUM 1115	Medical Office Skills.....	5	
VUM 2108	Clinical Practicum.....		8
VUM 2102	Management Skills II.....		2

VUM 1103 — Vocational Relations. This course is designed to introduce the student to the Medical Unit Manager, the medical environment and human relations. Ninety clock hours of instruction. Three semester hours.

VUM 1113 — Applied Science. This course is designed to acquaint the student with the general structure and function of the human body, the basic health concepts and nutritional requirements. Basic medical terminology will be included. Ninety clock hours of instruction. Three semester hours.

VUM 1105 — Management Skills I. This course is designed to present basic methodology needed to acquaint the student with the skills of communication techniques, clerical responsibilities, managerial and record keeping activities of the manager. One hundred fifty hours of instruction, including theory and laboratory experience. Five semester hours.

VUM 1115 — Medical Office Skills. This course is designed to develop a basis in keyboard mastery and skills with special emphasis on basic medical forms. Includes order entry on the CRT Pharmacology, diseases and diagnosis and medical terminology. One hundred fifty hours of instruction including theory and laboratory experiences. Five semester hours.

VUM 2108 — Clinical Practicum. This course presents a practical experience internship program of actual performance in health care institutions and offices. Two hundred forty hours clinical experience. Eight semester hours.

VUM 2102 — Management Skills II. This course is a continuation of Management Skills I and will allow the student to refine the managerial skills with special emphasis on clerical responsibilities and record keeping activities. Sixty hours of instruction. Two semester hours.

NURSING ASSISTANT 8141

(Jackson County and Jefferson Davis Campuses)

The nursing assistant is an auxiliary worker in nursing service who may be employed to assist nurses in hospitals, nursing homes, home health nursing and such other situations where registered professional nurse judgements are made relative to the needs of the patient and prior to the assignment of such tasks.

This program is six months in duration and leads to the MGCCC diploma.

Admission to the Nursing Assistant program is limited and by special application only. The student must be physically and emotionally able to meet the requirements of the program. An individual wishing to enroll in the program

should complete the Nursing Assistant application and forward it to the vocational counselor's office at least one month in advance of expected registration.

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VNA 1104	Introduction to Nursing Assistant	4
VNA 1205	Patient Care Concepts	5
VNA 1316	Patient Care Practicum.....	16
	TOTAL SEMESTER HOURS	25

VNA 1104 — Introduction to Nursing Assistant. This course is designed to acquaint the student to the college, local agencies, resources and job market. It includes an introduction to long-term care, the working environment, special needs of the elderly and chronically ill, and basic nursing care. One hundred and twenty hours of instruction. Four semester hours.

VNA 1205 — Patient Care Concepts. This course is designed to enable the student to understand personal care, alignment and mobility, elimination, and planning and recording. One hundred and fifty hours of classroom and laboratory instruction. Five semester hours.

VNA 1316 — Patient Care Practicum. Students will perform tasks assigned in affiliating clinical agencies. Tasks will include providing patient care to a variety of patients. Four hundred and eighty hours of clinical practice. Sixteen semester hours.

INDUSTRIAL MAINTENANCE MECHANIC 8110

(Jefferson Davis Campus)

The Industrial Maintenance Mechanic program is preparatory for job entry into the field of maintenance. It consists of in six basic trade areas, which are intended to provide a well-rounded education in operating and maintenance practices connected with the building trades. This is a self-paced, individualized, open/entry/open-exit program.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VIM 1016	Introduction to Plumbing.....	6
VIM 1026	Plumbing Laboratory	6
VIM 1036	Introduction to Metal Trades.....	6
VIM 1046	Metal Trades Laboratory	6
VIM 1056	Introduction to Carpentry/Woodworking	6
VIM 1066	Carpentry/Woodworking Laboratory	6
VIM 1076	Introduction to Brick and Block Laying	6
VIM 1086	Brick/Block Laying Laboratory	6
VIM 2006	Introduction to Industrial Electricity.....	6
VIM 2016	Industrial Electricity Laboratory	6
VIM 2026	Introduction to Air Conditioning and Refrigeration	6
VIM 2036	Air Conditioning and Refrigeration Laboratory	6
VRE 1000	Employability Skills	
VRE 1010, 1020	Related Education	
(2160 Clock Hours)	TOTAL SEMESTER HOURS	72

VIM 1016 — Introduction to Plumbing. This course of instruction is designed to train the students in the fundamentals and principles of plumbing theory. It teaches subjects, such as the use of hand tools, safety, the sewer system, drainage system, hot and cold water systems, plumbing codes and fixture wall systems. Six semester hours. (180 hours instruction)

VIM 1026 — Plumbing Laboratory. This course of instruction is the practical aspects of plumbing. The students will be expected to perform working tasks such as repair of valves, rough-in, planning and estimating of plumbing systems and setting fixtures. Six semester hours. (180 hours instruction)

VIM 1036 — Introduction to Metal Trades. This course of instruction involves learning theories of arc welding, gas welding and machine operations. Six semester hours. (180 hours of instruction)

VIM 1046 — Metal Trades Laboratory. This course is the practical application phase. The student will perform such tasks as: making vertical, horizontal and overhead passes using the arc welding theories; utilize gas welding equipment; machine operating procedures. Six semester hours. (180 hours instruction)

VIM 1056 — Introduction to Carpentry/Woodworking. This course will afford the student an opportunity to become familiar with the hand/power tools along with instructions on the utilization and care of these tools. Six semester hours. (180 hours instruction)

VIM 1066 — Carpentry/Woodworking Laboratory. This course of instruction is the practical aspects of carpentry. The student will perform various tasks (projects) utilizing the various theories of carpentry. Six semester hours. (180 hours instruction)

- VIM 1076 — Introduction to Brick Laying.** This course consists of the history and development of brick and blocklaying theories, tools and equipment required to perform these tasks and the fundamentals of laying bricks and blocks to a line. Six semester hours. (180 hours instruction)
- VIM 1086 — Brick/Blocklaying Laboratory.** This course gives the student the opportunities of practical application of brick/blocklaying theories. Six semester hours. (180 hours instruction)
- VIM 2006 — Introduction to Industrial Electricity.** This course is designed to train the student in the fundamentals and principles of basic electrical theory and its application to electrical trades. Six semester hours. (180 hours instruction)
- VIM 2016 — Industrial Electricity Laboratory.** This course offers the student practical application of residential, commercial and industrial wiring concepts as outlined in the National Electrical Codes. Six semester hours. (180 hours instruction)
- VIM 2026 — Introduction to Air Conditioning and Refrigeration.** This course of instruction teaches the student the basic principles of the refrigeration/air conditioning theory and theoretical applications associated with a basic refrigeration system. Six semester hours. (180 hours instruction)
- VIM 2036 — Air Conditioning/Refrigeration Laboratory.** Practical applications of the air conditioning/refrigeration theories which teach the student how to repair, service and install various air conditioning/refrigeration or systems. Six semester hours. (180 hours instruction)

PIPEFITTING/PLUMBING 8120

(Jackson County Campus)

The Pipefitting/Plumbing program is an open/entry open/exit self paced, individualized program. It is a program to enable students the opportunity to successfully enter the progress in the piping industry at the advanced learners level. Students will choose either plumbing or pipefitting after completing 19 semester hours (570 clock hours) of basic courses. The pipefitting and plumbing courses will consist of 27 semester hours (810 clock hours) and 28 semester hours (840 clock hours) respectively. Students who have completed either plumbing or pipefitting may elect to complete both plumbing/pipefitting. Students completing plumbing/pipefitting will receive 74 semester hours (2220 clock hours) of instruction.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

Fundamentals of Pipefitting/Plumbing

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VFP 1001	Industrial Safety	1
VFP 1012	Fitting Identification.....	2
VFP 1022	Use and Care of Tools	2
VFP 1032	Applied Math.....	2
VFP 1041	Applied Science.....	1
VFP 1052	Basic Welding and Burning	2
VFP 1063	Blue Print Reading	3
VFP 1073	Drafting and Sketching	3
VFP 1083	Low Pressure Boilers.....	3
Pipefitting		
VPF 2004	Mathematics Pipe Measurements.....	4
VPF 2014	Basic Pipe Fabrication	4
VPF 2022	Pipe Drafting	2
VPF 2031	Pipe Specifications and Systems	1
VPF 2041	Rigging and Signaling.....	1
VPF 2051	Steel Ship Building.....	1
VPF 2061	Marine Construction.....	1
VPF 2072	Welding, Burning, Brazing, and Soldering.....	2
VPF 2082	Advanced Pipe Blue Print Reading.....	2
VPF 2010	Advanced Pipefitting	10
Plumbing		
VPP 2002	Sewer Systems.....	2
VPP 2012	Heating Devices.....	2
VPP 2023	Drainage Systems.....	3
VPP 2033	Hot Water Systems	3
VPP 2043	Cold Water Systems.....	3
VPP 2053	Plumbing Codes	3
VPP 2063	Gas Codes	3
VPP 2071	Plumbing Fixtures.....	1
VPP 2081	Methane.....	1
VPP 2094	Solar	4
VPP 2112	Backflow Cross Connection.....	2
(2220 Clock Hours of Instruction) TOTAL SEMESTER HOURS...		74

VFP 1001 — Industrial Safety. This one semester hour (30 clock hours) will provide each student with an understanding of job safety and health, including first aid. It will also give students a general knowledge of occupational hazards and the scope of OSHA Law.

VFP 1012 — Fitting Identification. This two semester hour (60 clock hours) course will include pipefitting and plumbing fittings, valves, hangers, general trade fitting ID. Including screwed, welded, flanged, soldered, brazed, glued, compression and flared fittings.

VFP 1022 — Use and Care of Tools. This two semester hour (60 clock hours) course will consist of identification and use of pipefitting and plumbing tools used in today's piping industry.

- VFP 1032 — Applied Math.** This two semester hour (60 clock hours) course that students will need in plumbing/pipefitting trade.
- VFP 1041 — Applied Science.** This one semester hour (30 clock hours) course is to acquaint the student with basic scientific principles which consist of matter, pressure, expansion, compression, temperatures, heat, evaporation and properties of saturated steam as applied to the pipefitting/plumbing trade.
- VFP 1052 — Basic Welding and Burning.** This two semester hour (60 clock hours) course will consist of students learning to strike an arc, run a bead, run a series of passes in the flat position, join metal together, set-up ox-acc burning, rig, and cut straight and level angles on flat steel and pipe.
- VFP 1063 — Blueprint Reading.** This three semester hour (90 clock hours) course in which students will learn to interpret symbols, abbreviations, dimensions, terms, specifications, blueprint layout, structure of ships, structure of buildings, and isometric prints.
- VFP 1073 — Drafting and Sketching.** This three semester hour (90 clock hours) course that consists of learning the symbols, abbreviations, types of lines, freehand sketching, drawing and lettering, sketching views of objects using the architects scale, isometrics drawing and drawing sketches from blueprints.
- VFP 1083 — Low Pressure Boilers.** This three semester hour (90 clock hours) is to acquaint students with the operation of a low pressure boiler for heating, steam, water heating. You will be required to learn correct operating procedure and safety precautions.
- VFP 2004 — Mathematics Pipe Measurements.** This four semester hour (120 clock hours) course will provide an in-depth study of pipefitting calculation and pipe welding layout.
- VFP 2014 — Basic Pipe Fabrication.** This four semester hour (120 clock hours) course is to acquaint students with the use of pipefitting tools and equipment, different ways of cutting and fitting pipe methods of calculating pipe fittings, various types of fit-ups.
- VFP 2022 — Pipe Drafting.** This two semester hour (60 clock hours) will pick up where the drafting and sketching left off. Students entering pipe drafting must have completed drafting and sketching or an approved similar course of study.
- VFP 2031 — Pipe Specifications and Systems.** This one semester hour (30 clock hours) course is to acquaint students with different metals used in making pipe; the sizes, weights and strengths and how they are manufactured. The pipe systems on ships and industrial plants are studied in addition to the cleanliness and testing of systems.
- VFP 2041 — Rigging and Signaling.** This one semester hour (30 clock hours) course is to acquaint the student with basic use of chains, ropes, pulley, sleeves, chainfalls, and working with operations of cherry pickers, cranes, etc.

- VPF 2051 — Steel Ship Building.** This one semester (30 clock hours) course is to acquaint students with the structure of a ship and become familiar with the abbreviation of parts and sections of ships.
- VPF 2061 — Marine Construction.** This one semester (30 clock hours) course is to acquaint the student with various types of piping systems. This will include both building and marine pipefitting systems.
- VPF 2072 — Welding, Burning, Brazing, Soldering.** This two semester hour (60 clock hours) course will give students a more in-depth understanding of marine and structural blueprint readings.
- VPF 2010 — Advanced Pipefitting.** This ten semester hour (300 clock hours) course is designed to develop competence in the area of advanced blueprint reading, lay-out, back flow cross connection and fabrication of piping system.
- VPP 2002 — Sewer Systems.** This two semester hour (60 clock hours) course is to acquaint students with a history of plumbing and sewage treatment. The course is designed for the theoretical and practical aspects of disposal system elements, house sewer, septic tanks, tank size calculations, maintenance causes and removal of sewer obstructions.
- VPP 2012 — Heating Devices.** This two semester hour (60 clock hours) course is designed to give the students background knowledge and psychomotor skills in the area of installing hot water tanks, furnace coils, panel ray heaters, central units, and floor furnaces.
- VPP 2023 — Drainage Systems.** This three semester (90 clock hours) course is designed to give the practical and theoretical use of drainage systems, comprises the installation of the system in the house covering health aspects, disposal of poisonous gases arising from the discharge of traps.
- VPP 2033 — Hot Water Systems.** This three semester (90 clock hours) course is designed to give the student background knowledge and practical application of installing a hot water system according to the unit fixture system.
- VPP 2043 — Cold Water Systems.** This three semester (90 clock hours) course is designed to acquaint the student with portable water and sizing and installation of a portable cold water system.
- VPP 2053 — Plumbing Codes.** This three semester (90 clock hours) course will acquaint students with the standard plumbing codes.
- VPP 2063 — Gas Codes.** This three semester (90 clock hours) course will acquaint students with the Standard Gas Code.
- VPP 2071 — Fixtures.** This one semester (30 clock hours) course is designed to give the student the knowledge and practical application of installing the rough-in and finish fixtures of all types of plumbing fixtures used in the plumbing construction.

VPP 2081 — Methane. This one semester hour (30 clock hours) course consists of history and development of methane gas production giving the student background knowledge and practical application.

VPP 2094 — Solar. This four semester hour (120 clock hours) course consists of history and development of solar units, active and passive batch systems giving the students background knowledge and practical application of building and installing a hot water solar collector.

VPP 2112 — Back Flow Cross Connection. This two semester (60 clock hours) course will acquaint students with different types of back flow devices, proper installation, testing and repairs of devices.

PRACTICAL NURSING 8140

(Jefferson Davis and Jackson County Campuses and
George County Occupational Training Center)

This program is designed to prepare students to become Licensed Practical Nurses. Students spend the first few weeks in classroom and laboratory work, gradually progressing to clinical learning experiences under the supervision of qualified instructors.

A practical nurse is prepared by an approved educational program to care for the sick, to participate in the prevention of illness and to assist in the rehabilitation of patients. The practical nurse functions under the supervision of a licensed physician and/or a registered professional nurse. Graduates are eligible to write the State Board Examination for licensure.

Licensed practical nurses find employment in hospitals, nursing home, physician's offices, community health agencies, or other health-related facilities.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 60).

Admission to the Practical Nursing Program is limited and by special application only.

ADMISSION REQUIREMENTS ARE:

1. Contact the Vocational-Technical Counselor's office.
2. Take a battery of tests on a scheduled date.
3. The student must be physically and emotionally able to meet the requirements of the program.
4. After achieving satisfactory scores on all tests, the applicants will complete and/or supply the following:
 - a. Application of admission to the College.
 - b. Notarized health occupations application form.
 - c. The names and addresses of three (3) references (other than relatives)
 - d. An official high school transcript verifying graduation date or General Education Development test scores certifying high school graduation equivalency
 - e. Interviewed by Admissions Committee.

5. Final selection will be pending acceptable health form which includes physical and mental fitness, immunization records, and examining physician's signature.

MAJOR UNITS OF INSTRUCTIONS		SEMESTER HOURS
VPN 1101	Vocational Adjustments.....	1
VPN 1102	Body Structure and Function.....	2
VPN 1104	Nursing I.....	4
VPN 1111	Health	1
VPN 1121	Basic Nutrition	1
VPN 1131	Growth and Development.....	1
VPN 1202	Basic Techniques of Drug Administration	2
VPN 1203	Nursing II (Introduction to Medical Surgical Nursing Needs)	3
VPN 1213	Nursing III-A (Nursing Needs of Children).....	3
VPN 1223	Nursing V (Nursing Needs of the Mentally and Emotionally III)	3
VPN 1224	Nursing IV (Nursing Needs of Newborns and Mothers)	3
VPN 1301	Drug Administration.....	1
VPN 1318	Nursing III-B (Nursing Needs of Adults).....	18
VPN 1324	Vocational Adjustments II.....	1
VRE 1000	Employability Skills	
VRE 1010, 1020	Related Education	
(1640 Clock Hours)	TOTAL SEMESTER HOURS	44

VPN 1101 — Vocational Adjustments I. This course is designed to introduce the practical nursing program and to introduce the role of the practical nurse in the health care field. Twenty hours instruction. One semester hour.

VPN 1102 — Body Structure and Function. This course provides basic information about the normal human body that is essential in giving safe, effective nursing care. Sixty hours instruction. Two semester hours.

VPN 1104 — Nursing I, Introduction to Nursing Needs. This course presents a foundation of nursing care from which all other nursing courses are built. One hundred fifty hours instruction including theory and clinical laboratory experience. Four semester hours.

VPN 1111 — Health. This course is the study of personal, family, and community health. It includes the relationship between sanitation and disease and the control of micro-organisms. Thirty hours of instruction. One semester hour.

VPN 1121 — Basic Nutrition. This course provides the foundation that will enable the student to understand the relationship between health and proper nutrition. Forty hours instruction. One semester hour.

- VPN 1131 — Growth and Development.** This course is designed to provide insight into the normal pattern of human growth and development from conception to death. Thirty hours of instruction. One semester hour.
- VPN 1202 — Basic Techniques of Drug Administration.** This course provides basic information related to drugs: classifications, sources, measurement, regulatory requirements, and basic technique of drug administration. Forty hours of instruction. Two semester hours.
- VPN 1203 — Nursing II, Introduction to Medical Surgical Nursing Needs.** This course is designed to introduce medical-surgical nursing needs which include causes, body's response, symptoms, diagnostic procedures, treatment, and related terminology. One hundred twenty hours of instruction including theory and clinical experience. Three semester hours.
- VPN 1213 — Nursing III-A, Nursing Needs of Children.** This course is designed to help the learner meet the nursing care needs of children. One hundred hours of instruction including theory and clinical experiences. Three semester hours.
- VPN 1318 — Nursing III-B, Nursing Needs of Adults.** This course is designed to prepare the student to meet nursing needs of adults with medical-surgical conditions. Six hundred sixty hours of instruction including theory and clinical experiences. Eighteen semester hours.
- VPN 1224 — Nursing IV, Nursing Needs of Mothers and Newborns.** This course is designed to help the learner meet the special needs of the mother during pregnancy, labor and delivery, and post delivery. It also emphasizes the unique needs of the newborn. One hundred thirty hours of instruction including theory and clinical experiences. Three semester hours.
- VPN 1223 — Nursing V, Nursing Needs of the Mentally and Emotionally III.** This course is designed to provide the student with an understanding of the basic mental and emotional needs in health and illness, and the role of the practical nurse as a member of the health team. One hundred hours of instruction including theory and clinical experiences. Three semester hours.
- VPN 1301 — Drug Administration.** This course provides the learner with the opportunity to develop safe techniques and skills by supervised practice. Eighty hours of supervised clinical practice. One semester hour.
- VPN 1324 — Vocational Adjustments II.** This course is a continuation of Vocational Adjustments I and prepares the learner for the transition from student to graduate and includes employability skills. Eighty hours of instruction. One semester hour.

PLUMBING 8160

(Jefferson Davis Campus)

This program is designed to satisfy the fundamentals of the beginner in the field of plumbing. It is programmed to enable the student to successfully enter and progress in the field of plumbing installation service and repair at an advanced learners level. Also to develop this basic knowledge and skill (after employment) for the improvement of his or her ability and employability. (This is an open entry/open exit, self paced, individualized program.

This program leads to the MGCCC diploma. Students who complete diploma requirements of 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VCP 1004	Introduction to Plumbing.....	4
VCP 1015	Sewer Systems.....	5
VCP 1024	Drainage Systems.....	4
VCP 1035	Cold Water Systems.....	5
VCP 1045	Hot Water Systems	5
VCP 1055	Plumbing Code.....	5
VCP 1064	Fixtures.....	4
VCP 1074	Heating Devices.....	4
VCP 1085	Solar	5
VCP 1095	Methane.....	5
VRE 1000	Employability Skills	
VRE 1010-1020	Related Education	
(1380 Clock Hours)	TOTAL SEMESTER HOURS	46

VCP 1004 — Introduction to Plumbing. This course consists of history and development of plumbing, use of tools, safety and to describe the trade and its relation to health. Working conditions, opportunities and the ethics of the trade are also taught. Four semester hours. (120 hours instruction)

VCP 1015 — Sewer Systems. This course is designed for the theoretical and practical aspects of disposal systems elements, house sewer, septic tanks, siphon action, tank size calculations, maintenance causes and removal of sewer obstruction. Five semester hours. (150 hours instruction)

VCP 1024 — Drainage Systems. This course is designed to give the practical and theoretical use of drainage systems, comprises the installation of the system in the house covering health aspects, disposal of poisonous gases arising from the discharge and traps. Four semester hours. (120 hours instruction)

VCP 1035 — Cold Water Systems. This course is designed to give the student a practical aspect and theory of the installation of cold water supply, health contamination, city water supply, rough in measurements and placement of fixture. Five semester hours. (150 hours instruction)

VCP 1045 — Hot Water Systems. This course is designed to give the student the background knowledge and practical application of installing a hot water

system according to the unit fixture system. Five semester hours. (150 hours instruction)

VCP 1055 — Plumbing Coding. This course is designed to give the student an introduction to National, Southern, and Country Plumbing codes and their application. Five semester hours (150 hours instruction)

VCP 1064 — Fixtures. This course is designed to give the student the background knowledge and practical application of installing the rough-in and finish fixtures for all types of plumbing fixtures used in construction. Four semester hours. (120 hours instruction)

VCP 1074 — Heating Devices. This course is designed to give the student the background knowledge and psychomotor skills in the area of installing: horizontal hot water tanks, furnace coils, tank heaters, blow off tanks and automatic storage gas heaters. Summer-winter hot water hookups, indirect heating and solar heaters are taught. Four semester hours. (120 hours instruction)

VCP 1085 — Solar. This course consists of history and development of solar units, active and passive, batch systems giving the student background knowledge and practical application of building and installing a hot water solar collector. Five semester hours. (150 hours instruction)

VCP 1095 — Methane. This course consists of history and development of methane gas production giving the student background knowledge and practical application. Will include research and actual production of methane by a combined use of solar collector and methane digester. Five semester hours. (150 hours instruction)

MACHINE TOOL OPERATION/MACHINE SHOP 8197

(West Harrison County Occupational Training Center)

Precision Metal training is preparatory for job entry as a machinist or may be used to supplement the knowledge and skills of the employed machinist who desires increased competency in his/her occupation field.

Individuals completing this program will be capable in such areas as: blue-printing reading, production of shop sketches, precision and non-precision hand tools, power saws, lathe operations, milling and grinding machines. Industrial safety, welding and burning, shop math, and turret lathe operations.

This program leads to the MGCCC diploma. Students who complete diploma requirements of 36 semester hours may elect to pursue MGCCC Associate of Applied Science degree in occupational education. (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION		SEMESTER HOURS
VMW 1121	Industrial Safety	1
VBW 1002	Introduction to Basic Welding	2
VBW 1021	Power Sources	1
VBW 1031	Identification of Electrodes	1
VBW 1061	Metal Cutting I	1
VBW 1083	Basic Welding I	3
VMS 1003	Benchwork	3
VMS 1021	Power Saws	1
VMS 1032	Elementary Lathe Operations	2
VMS 1045	Intermediate Lathe Operations	5
VMS 1055	Advanced Lathe Operations	5
VMS 1062	Drilling Machines	2
VMS 1083	Milling Machines	3
VMS 1094	Milling Machine Operations	4
VMS 1112	Grinding Machines	2
VMS 1142	Blue Print Reading	2
VMS 1163	Applied Science	3
VMS 2013	Advanced Blueprint Reading	3
VMS 2032	Turret Lathes	2
	TOTAL SEMESTER HOURS	46

Optional courses offered for students pursuing a structural welding certification.

VBW 1001	Industrial Safety I	1
VBW 1011	Industrial Safety II	1
VBW 1041	Methods of Welding	1
VBW 1053	Introduction to Fluxcore Welding	3
VBW 1072	Metal Cutting II	2
VBW 1094	Basic Welding II	4
VBW 1104	Basic Welding III	4
	TOTAL SEMESTER HOURS	16

VMW 1121 — Industrial Safety. Safe use of shop equipment, First Aid procedures, and personal protective equipment. Thirty hours instruction. One semester hour.

VBW 1002 — Introduction to Basic Welding. Equipment and theory learning to strike and arc, running downhand beads and a downhand pad of beads. Sixty hours instruction. Two semester hours.

VBW 1021 — Power Sources. DC and AC sources: rectifiers; welding machine maintenance; accessory equipment. Thirty hours instruction. One semester hour.

VBW 1031 — Identification of Electrodes. A.W.S. specification; types of electrodes; coating of electrodes; selection of electrodes. Thirty hours instruction. One semester hour.

VBW 1061 — Metal Cutting I. Oxy-acetylene equipment; safety; equipment; assembly; lighting, and adjustment; hand cutting. Thirty hours instruction. One semester hour.

- VBW 1083 — Basic Welding I. Steel:** stick welding techniques (E-6010): down-hand T; vertical T; horizontal T; over head T. Ninety hours instruction. Three semester hours.
- VMS 1003 — Benchwork.** Cut with hacksaw and cold chisels, thread with taps and dies, filing, reaming, polishing, hand drills and other power hand tools. Ninety hours instruction. Three semester hours.
- VMS 1021 — Power Saws.** Straight drilling of flat and round stock, counterboring, countersinking, reaming, tapping, spot facing and feeds and speeds. Thirty hours instruction. One semester hour.
- VMS 1032 — Elementary Lathe Operations.** Types, parts, care and lubrication of engine lathes. Cutting tools, speeds and feeds and types of operations. Sixty hours instruction. Two semester hours.
- VMS 1045 — Intermediate Lathe Operations.** Types and usage of work holding devices. Turning between centers, drilling, boring and reaming operations. Use of face plates and collets, and associated math. One hundred fifty hours instruction. Five semester hours.
- VMS 1055 — Advanced Lathe Operations.** Uses of steady and follower rests. Machining various types of tapers and angles, performing knurling operations. Types, calculating and machining external and internal threads. One hundred fifty hours instruction. Five semester hours.
- VMS 1062 — Drilling Machine.** Straight drilling of flat and round stock; counterboring; reaming; tapping; spotfacing, counter-sinking for machine screws. Sixty hours instruction. Two semester hours.
- VMS 1083 — Milling Machines.** Types, parts, care and lubrication of milling machines. Types of cutters, attachments, speeds and feeds, and operation principles. Work holding devices, set-up procedures and associated shop math. Ninety hours instruction. Three semester hours.
- VMS 1094 — Milling Machine Operations.** Perform horizontal and vertical surface milling. Perform slotting, keyseating and end milling operations with horizontal milling machines. Angle milling, boring, reaming, drilling, spot facing, counter-boring, and slotting operations on vertical milling machine. One hundred twenty hours instruction. Three semester hours.
- VMS 1112 — Grinding Machines.** Composition and manufacture of grinding wheels, grinding wheel markings, type of grinding wheels, wheel selection for work to be ground, grinding safety, installations of grinding wheel and machine set-up, grind lathe cutting tools, grind drill bits, grind metal cutting tools, recondition by grinding various types of hand tools. Sixty hours of instruction. Two semester hours.
- VMS 1142 — Blueprint Reading.** Freehand sketch views of objects; read symbols as applied to the trade; read scales and dimensions. Prepare shop sketches and read working drawings as applied to the trade. Sixty hours instruction. Two semester hours.

- VMS 1163 — Applied Science.** Basic scientific principles; matter; measurements; precision measuring instruments; principles of lubrication; transfer heat; properties of abrasives. Ninety hours instruction. Three semester hours.
- VMS 2013 — Advanced Blueprint Reading.** Supplementary training for second year students. This course is intended to develop an ability to read typical shop drawings and blueprints for required dimensions, shape, description, machining operations, and other essential data required for the fabrication, construction, assembly, and operation of parts and mechanisms. Prerequisite: MS 1142. Ninety hours instruction. Three semester hours.
- VMS 2032 — Turret Lathes.** Study of various types of vertical and horizontal turret lathes. Parts and operation principles, tooling, production set-up, and practical application. Sixty hours instruction. Two semester hours.
- VBW 1001 — Industrial Safety I.** Safe use of hand and power tools, use of fire-fighting equipment. First aid procedures and personal protective equipment. Thirty hours instruction. One semester hour.
- VBW 1011 — Industrial Safety II.** Personal and team safety; working with others; protective equipment; safe handling of materials. Thirty hours instruction. One semester hour.
- VBW 1041 — Methods of Welding.** Gas shielded arc welding (Tig, Mig, and spray arc welding); theory, introduction to Tig and Mig welding processes, class discussion of other processes. Thirty hours instruction. One semester hour.
- VBW 1053 — Introduction to Fluxcore Welding.** Power sources; wirefeeders; special equipment. Running downhand beads and downhand "T" joints. Ninety hours instruction. Three semester hours.
- VBW 1072 — Metal Cutting II.** Carbon arc cutting; safety; equipment assembly; cutting methods and automatic flame cutting. Sixty hours instruction. Two semester hours.
- VBW 1094 — Basic Welding II.** Steel: stick welding techniques (E-7018); downhand T; vertical T; horizontal T; overhead T. One hundred twenty hours instruction. Four semester hours.
- VBW 1104 — Basic Welding III.** Steel: stick welding techniques (E7018 and E-6010; vertical butt; horizontal butt; overhead butt. (Bend test required on vertical and overhead). One hundred twenty hours instruction. Four semester hours.

**RESPIRATORY THERAPY EDUCATION
RESPIRATORY THERAPY TECHNICIAN
PRE-PROFESSIONAL PHASE 1707
PROFESSIONAL PHASE 8180**

(Jackson County Campus)

The Respiratory Therapy Technician program prepares students for entry-level into the profession. The knowledge and skills of the technician are acquired through classroom, laboratory, and clinical preparation. Graduates of the program will receive an Associate of Applied Science degree and will be eligible to take the exam to be a Certified Respiratory Therapy Technician (CRTT).

ADMISSION REQUIREMENTS ARE:

1. Students will be admitted into the **pre-professional phase** of the program if they meet the general admissions requirements for academic and technical programs and prerequisite requirements for the academic courses.
2. Students must make a separate application to the Respiratory Therapy program prior to June 1 of the year preceding the **professional phase**;
3. Pass all courses in the pre-professional phase of the program and maintain a cumulative grade point average (GPA) of 2.0 or better;
4. Be physically and emotionally able to meet the requirements of the program.
5. Applicants who are selected will be granted tentative admission to the program pending receipt of acceptable student health records. These forms and instructions for completion will be provided by the Respiratory Therapy instructor.

Pre-Professional Phase

		SEMESTER HOURS	
		1 Sem.	2 Sem.
FRESHMAN YEAR			
BIO 2514	Anatomy and Physiology I	4	
SPT 1113	Oral Communication.....	3	
MAT 1313	College Algebra.....	3	
PSY 1513	General Psychology.....	3	
RCV 1013	Essential Respiratory Skills	3	
BIO 2524	Anatomy and Physiology II		4
CHE 1214	General Chemistry		4
ENG 1113	English Composition I.....		3
RCT 1412	Patient Assessment.....		2
	Humanities/Fine Art Elective		3

Professional Phase

SUMMER			
BIO 2924	Microbiology		4
RCT 1313	Cardiopulmonary Anatomy and Physiology.....	3	
CPT 1114	Introduction to Computers*		4

*Not required, but highly recommended

SOPHOMORE YEAR

RCT 1114	Respiratory Care Science.....	4	
RCT 1214	Respiratory Care Technology I.....	4	
RCT 1322	Pulmonary Function Testing.....	2	
RCT 1518	Clinical Practice I.....	8	
RCT 1224	Respiratory Care Technology II.....		4
RCT 1428	Clinical Practice II.....		8
RCT 2343	Cardiopulmonary Life Support.....		3
RCT 2333	Cardiopulmonary Pathology.....		3

RCV 1013 — Essential Respiratory Skills. This course is designed to provide the essential skills found in secondary allied health programs to students who cannot demonstrate mastery. Included is an introduction to the health career fields, the basic health sciences, and basic and advanced skills used in laboratory and clinical settings. (3,3,0)

RCT 1114 — Respiratory Care Science. An integrated study of the fundamental laws and theories of chemistry and physics, math functions, pharmacology, and microbiology as related to respiratory care. (4,3,2)

RCT 1214 — Respiratory Care Technology I. A study of respiratory treatments and equipment design and operation related to the clinical objectives incorporating airway management, suctioning, and basic life support. (4,2,4)

RCT 1224 — Respiratory Care Technology II. A continuation of Respiratory Care Technology I. A study of general classifications of adult and neonatal mechanical ventilators to include identification and treatment of respiratory failure, and methods of ventilator weaning processes. Prerequisite: RCT 1214 — Respiratory Care Technology I. (4,3,2)

RCT 1313 — Cardiopulmonary Anatomy and Physiology. A study of cardiopulmonary and renal physiology in relation to the practice of respiratory care. Prerequisite: Pre-professional coursework. (3,3,0)

RCT 1322 — Pulmonary Function Testing. This course is an introduction to pulmonary function technique and testing equipment. (2,1,2)

RCT 1412 — Patient Assessment. Fundamental approach to subjective and objective evaluation, assessment, and care plan formation for the individual needs of the patient. An introduction to cardiopulmonary diseases including etiology, pathophysiology, complications, occurrences, clinical manifestations, treatment, and prevention. Prerequisite: RCV 1013 — Essential Respiratory Skills. (2,2,0)

RCT 1428 — Clinical Practice II. Students rotate through various respiratory care subspecialty areas for evaluation of competency and performance of respiratory care procedures. A review of all aspects of respiratory care. Prerequisite: RCT 1518 — Clinical Practice I. (8,24 clin.)

RCT 1518 — Clinical Practice I. Patient assessment and care plan formation are presented in the hospital environment. A procedural guide is utilized to evaluate student competencies and performance of respiratory care procedures. (8,24 clin.)

- RCT 2343 — Cardiopulmonary Life Support.** A presentation of advanced cardiac life support materials to include pharmacology, defibrillation, and cardioversion. Included are EKG recognition and treatment. (3,2,2)
- RCT 2333 — Cardiopulmonary Pathology.** A study of the anatomical alterations of the lungs caused by different disease processes. Includes etiology, clinical manifestations, diagnostics, and treatment of various cardiopulmonary diseases. (3,3,0)

ADVANCED LEVEL RESPIRATORY THERAPY COURSES

The courses listed below will satisfy the National Board for Respiratory Care requirements to qualify the successful completer to take the Registered Respiratory Therapist (RRT) exam. Upon completion of a student contract, including all of the competencies in these courses, a certificate of completion will be awarded. In addition, these courses will be modularized and individual components may be taken for continuing education credit.

- RCT 2236 — Respiratory Care Technology III.** A study of adult mechanical ventilation and cardiac and pulmonary monitoring techniques that are used in critical care settings. Prerequisite: RCT 1224 — Respiratory Care Technology II. (6,4,4)
- RCT 2532 — Clinical Practice III.** A complete review of the fundamental practice of respiratory care in the hospital environment to incorporate rotations through intensive care areas, using objectives for presentation of practice for respiratory care. Prerequisite: RCT 1428 — Clinical Practice II. (2,18 clin./5 wk)
- RCT 2543 — Clinical Practice IV.** Students rotate through respiratory care specialty areas. A procedural guide is utilized to evaluate student competency and performance. Prerequisite: RCT 2532 — Clinical Practice III. (3,27 clin./5 wk)
- RCT 2612 — Neonatal/Pediatrics Management.** A study of fetal development and the transition to extrauterine environment. Includes the most common cardiopulmonary birth defect, neonatal and pediatric disease process, and the mode of treatment. (2,2,0)
- VRT 1008 — Fundamentals I.** This is a general theory course designed to familiarize the student with the basic essentials associated with cardiopulmonary anatomy and physiology, math, physical sciences, microbiology and pharmacology.
Pathologies and anomalies emphasizing pulmonary and cardiovascular systems as well as basing nursing techniques will also be presented. Two hundred thirty five hours of instruction. Eight semester hours.
- VRT 1015 — Fundamentals II.** This is an introductory course in respiratory care procedures which orient the student to the role of the technician and pro-

vides the basis for study of more complex respiratory care. The student will receive clinical orientation to gas administration, oxygen therapy, IPPB therapy, ultrasonic nebulizer therapy, chest physical therapy, and airway care. One hundred ten hours of instruction and forty hours of clinical experiences. Five semester hours.

- VRT 2008 — Fundamentals III.** This course presents advanced theory dealing with pharmacology, arterial blood gas and pulmonary function studies, and respiratory therapy care. Two hundred fifteen hours of instruction. Eight semester hours.
- VRT 2018 — Clinical I.** This course is designed to provide supervised learning experiences for students in the clinical setting to conclude introductory respiratory care techniques. Three hundred sixty hours of clinical experiences. Eight semester hours.
- VRT 2307 — Clinical II.** This course is designed to provide supervised learning experiences in a clinical setting to include advanced respiratory care techniques. Three hundred hours of clinical experiences. Seven semester hours.
- VRT 2316 — Clinical III.** This course is designed to provide supervised learning experiences in a clinical setting to include specialized respiratory care techniques: adult and neonatal intensive care. Two hundred sixty hours of clinical experiences. Six semester hours.

SECRETARIAL TRAINING 8190

(George County and West Harrison County Occupational Training Centers)

This program is preparatory to employment in the secretarial field. The student has the option to enter either the stenographic sequence or the machine transcription sequence.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

Administrative Sequence

MAJOR UNITS OF INSTRUCTION	SEMESTER HOURS
VST 1002 Elementary Typewriting	2
VST 1012 Intermediate Typewriting	2
VST 1022 Advanced Typewriting	2
VST 1032 Elementary Shorthand	2
VST 1042 Intermediate Shorthand	2
VST 1052 Advanced Shorthand	2
VST 1063 Business Communications	3
VST 1073 Business Mathematics	3
VST 1183 Electronic Calculators	2
VST 1193 Secretarial Accounting	3
VRE 1203 Computerized Accounting/Electronics Spreadsheet Applications	3
VST 1212 Filing and Data Base Management	2
VST 1223 Word Processing I	3
VST 1233 Word Processing II	3
VST 1243 Office Procedures	3
VST 1256 Office Simulation	6
VRE 1010- 1020 Related Education	
(1290 Clock Hours) TOTAL SEMESTER HOURS	43

Machine Transcription Sequence

VST 1002 Elementary Typewriting	2
VST 1012 Intermediate Typewriting	2
VST 1022 Advanced Typewriting	2
VST 1132 Machine Transcription	2
VST 1142 Legal Machine Transcription I	2
VST 1152 Legal Machine Transcription II	2
VST 1063 Business Communications	3
VST 1073 Business Mathematics	3
VST 1182 Electronic Calculators	2
VST 1193 Secretarial Accounting	3
VST 1203 Computerized Accounting/Electronic Spreadsheet Applications	3
VST 1212 Filing and Data Base Management	2
VST 1223 Word Processing I	3
VST 1233 Word Processing II	3
VST 1243 Office Procedures	3
VST 1256 Office Simulation	6
VRE 1010-1020 Related Education	
(1290 Clock Hours) TOTAL SEMESTER HOURS	43

VST 1002 — Elementary Typewriting. A course designed for beginners in typewriting with emphasis upon learning typewriter mechanisms, care and operation of the typewriter; the development of basic keyboard mastery using the touch method. Introduction of basic business letters, tabulation, and centering are taught. 60 hours instruction. Two semester hours.

VST 1012 — Intermediate Typewriting. A course designed to review basic knowledge and techniques and continues with the typewriting of business letters with special features, tabulations with horizontal and vertical rulings,

manuscripts, and special communications reviews. 60 hours instruction. Two semester hours.

VST 1022 — Advanced Typewriting. A terminal course including the production of mailable letters, statistical reports, business forms, and specialized office simulation units as related to the legal, medical, and accounting offices. Speed and accuracy are also emphasized. 60 hours of instruction. Two semester hours.

VST 1032 — Elementary Shorthand. A course designed to provide basic knowledge of theory, brief forms, phrasing and elementary dictation. Presentation of the theory and principles of Series 90 shorthand. 60 hours instruction. Two semester hours.

VST 1042 — Intermediate Shorthand. A continuation of elementary shorthand with emphasis on speed development and mailability of short-letter dictation; grammar, punctuation, and letter placement are also taught. 60 hours instruction. Two semester hours.

VST 1052 — Advanced Shorthand. This course provides students with high-speed dictation practice emphasis on transcribing mailable letter from dictation of new material. A minimum of 80 words a minute is required for course completion. 60 hours instruction. Two semester hours.

VST 1063 — Business Communications. An introduction to the composition of business letters and short reports. Emphasis on the application of grammar, spelling, correct written and spoken verbage, and human relations skills. 90 hours instruction. Three semester hours.

VST 1073 — Business Mathematics. Study of the fundamental processes, fractions, decimals, and percentages; application of business mathematics to include payroll, markup, insurance, depreciation, simple and compound interest, interest and bank discounts. 90 hours instruction. Three semester hours.

VST 1182 — Electronic Calculators. A course designed to develop proficiency in the operation of printing and display calculators with business mathematics applications. The touch system of machine operation is taught. 50 hours instruction. Two semester hours.

VST 1193 — Secretarial Accounting. A course designed to provide the student with fundamental knowledge in the principles of debits and credits, net profit and loss using the accounting cycles of service and merchandising business. 90 hours instruction. Three semester hours.

VST 1203 — Computerized Accounting/Electronic Spreadsheet Applications. Application of the accounting cycles using the microcomputer; introduction to the electronic spreadsheet and the construction and use of spreadsheets. 90 hours instruction. Three semester hours.

VST 1212 — Filing and Data Base Management. A course designed to teach the principles and rules governing the use of alphabetic, numeric, subject, and

geographic filing systems; and introduction to microcomputer filing concepts using a database management program to create, enter and update data, and retrieve files. 60 hours instruction. Two semester hours.

VST 1223 — Word Processing I. An introduction to word processing concepts as applied to the use of microcomputers; emphasis on keyboarding, editing, and printing documents. 90 hours instruction. Three semester hours.

VST 1233 — Word Processing II. A continuation of Word Processing I. Emphasis upon editing, revisions, keying unarranged documents with emphasis on mailability. 90 hours instruction. Three semester hours.

VST 1243 — Office Procedures. Study and application of modern office systems and practices. Emphasis on the training in the use of the push-button telephone, handling of correspondence, typing business forms, letter and compiling selected data from area offices. The microcomputer is also utilized in the completion of activities. 90 hours instruction. Three semester hours.

VST 1132 — Machine Transcription. A general transcription course designed to provide fundamental skills in transcribing mailable copy through the use of transcribing equipment. Emphasis is placed upon the transcription skills of accuracy, punctuation, grammar, placement, and paragraphing. 60 hours instruction. Two semester hours.

VST 1142 — Legal Machine Transcription I. Instruction in the use of transcribing machines to prepare legal documents and business correspondence. 60 hours instruction. Two semester hours.

VST 1152 — Legal Machine Transcription II. A continuation of Legal Machine Transcription I. Emphasis upon the transcription, production, and mailability of legal documents. 60 hours instruction. Two semester hours.

VST 1256 — Office Simulation. A terminal course designed to incorporate previously learned knowledges, duties, and secretarial skills and apply them to realistic office situations utilizing the offices of the local business community. 180 hours instruction. Six semester hours.

WELDING 8220

(Jackson County and Perkinston Campuses and
George County Occupational Training Center)
(46 week course)

This is a preparatory program for entering the job market as a welder. Individuals already employed in the field as welders will find this program to be a means of increasing their knowledge and skill in the welding profession. This course includes both structural and pipe welding using the latest techniques and equipment. Welding processes included are: SMAW (Stick), GMAW (Short Arc), GTAW (Heli-Arc), and FCAW (Flux Cored Arc Welding or Innershield). Oxy-Acetylene Safety and cutting (Burning) are also included in the course work.

Individuals completing this training can expect to find employment in the following fields: shipbuilding, automotive, railway car, aircraft manufacturing, bridges, dams, power plants, oil rig construction, and maintenance.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

MAJOR UNITS OF INSTRUCTION	SEMESTER HOURS
VWD 1005, 1015, 1026 Shielded Metal Arc Welding.....	16
VWD 1037 Gas Metal Arc Welding.....	7
VWD 1105 Gas Tungsten Arc Welding.....	5
VWD 1114, 1124, 1134 Pipe Welding	12
VWD 1143 Metal Cutting.....	3
VWD 1161 Industrial Safety	1
VWD 1182 Blueprint Reading and Sketching.....	2
VRE 1000 Employability Skills	*
VRE 1010, 1020 Related Education	*
(1380 Clock Hours) TOTAL SEMESTER HOURS	46

*See RELATED EDUCATION COURSES.

VWD 1005 — Shielded Metal Arc Welding. Tack welding techniques using E-7018 electrodes; surface welding build-up using stringer bead technique in flat position; tee-joint design fillet welding in the horizontal, vertical and overhead positions.

Related Instruction: introduction to arc welding; arc welding safety; arc welding terms power sources, accessory equipment, machine maintenance and electrodes; safety. One hundred fifty hours instruction. Five semester hours.

VWD 1015 — Shielded Metal Arc Welding. Tac welding techniques using E-6010 electrodes; surface welding build-up using stringer bead technique in flat position; tee-joint design fillet welding in the horizontal, vertical and overhead position.

Related Instruction: joint design; welding positions and procedures; basic metallurgy; safety. One hundred fifty hours instruction. Five semester hours.

VWD 1026 — Shielded Metal Arc Welding. Butt joint design plate welding, using E-6010 and E-7018 electrodes in the vertical uphill and downhill positions and the overhead position. Restricted box welding 12" height from floor level.

Related Instruction: expansion and contraction; distortion control; metal identification; codes and specifications; welder qualifications; welding procedures; destructive testing; safety. One hundred eighty hours instruction. Six semester hours.

VWD 1037 — Gas Metal Arc Welding. (Short Arc): Tee-joint design fillet welding in the horizontal, vertical and overhead positions; horizontal, vertical and overhead open butt joints.

Flux Cored Arc Welding: Tee joint design fillet welding in the horizontal, vertical, and overhead positions. Vertical and overhead butt joints.

Spray Arc: Tee joint design fillet welding in the horizontal vertical and overhead positions using aluminum alloys; vertical and overhead butt joints using aluminum alloys.

Related Instruction: introduction to gas metal arc welding; GMAW power sources; secondary accessories/shielding gases; practical application; procedures and techniques; metal weldability; changes during welding; troubleshooting; metallic structure; physical and mechanical properties; carbon and low alloy steels; aluminum alloys; safety. Two hundred ten clock hours of instruction. Seven semester hours.

VWD 1105 — Gas Tungsten Arc Welding. Horizontal, vertical and overhead fillet tee-joint design; horizontal, vertical and overhead open root butt joints.

Stainless Steel: horizontal, vertical and overhead fillet, tee-joint design.

Aluminum: tee-joint design horizontal, vertical and overhead fillet; vertical and overhead butt joints.

Related Instruction: introduction to gas tungsten arc welding heli-arc; secondary accessories/shielding gases; applications; procedures and techniques; defects; thermal cracking; incomplete fusion; dilation; gas absorption; contamination and pick-up; weldability of metals; non-ferrous alloys; troubleshooting; safety. One hundred fifty clock hours of instruction. Five semester hours.

VWD 1114 — Beginning Pipe Welding. Using uphill and downhill techniques with E-6010 electrodes; pipe welding positions; 2G (vertical fixed), 5G (horizontal fixed) and 6G (45° fixed).

Related Instruction: joint preparation; pipe fit up and jiggling, welding procedures, pipe welder qualifications; safety.

Prerequisite: Completion of VWD 1026 or pass a pre-test. One hundred twenty clock hours of instruction. Four semester hours.

VWD 1124 — Pipe Welding. Using uphill and downhill techniques with E-7018 electrodes in the 2G (vertical fixed), 5G (horizontal fixed) and 6G (45° fixed) positions.

Related Instruction: weld testing, field storage tanks, pressure vessels, pipe lines, ships, safety.

Prerequisite: Completion of VWD 1026 and VWD 1114 or pass a pre-test. One hundred twenty clock hours of instruction. Four semester hours.

VWD 1134 — Pipe Welding. Advanced pipe welding techniques using shielded metal arc and gas tungsten arc welding processes in the following restricted positions: 2G (vertical fixed), 5G (horizontal fixed) and 6G (45° fixed).

Related Instruction: A.W.S. specifications; military specifications; electrode selection; effect of common elements.

Prerequisite: Completion of VWD 1114 and VWD 1124, or pass a pre-test. One hundred twenty clock hours of instruction. Four semester hours.

VWD 1143 — Metal Cutting. Safety; oxyacetylene equipment and assembly; lighting and flame adjustment; manual cutting; automatic straight and bevel plate cutting, pipe beveling.

Arc Gouging: theory; equipment, assembly; application. Grinding. Ninety clock hours of instruction. Three semester hours.

VWD 1161 — Industrial Safety. Personal and team safety; hand and power tools; testing procedures; personal habits and dress; firefighting equipment; basic first aid. Thirty hours instruction. One semester hour.

VWD 1182 — Blueprint Reading and Sketching. Freehand sketching; welding symbols and application, scales and dimensions; interpretations of working drawings. Sixty clock hours of instruction. Two semester hours.

COMBINATION WELDING 8230

(Mississippi Gulf Coast Applied Technology and Development Center)

This program is preparatory to job entry as a welder/fitter. Employed welder/fitters may be interested in this program as a means of increasing their knowledge and skill in the trade. Plate, pipe, and structural welding/fitting are included using the most advanced techniques and equipment in the welding/fitting field.

Individuals completing welding/fitting training can expect to find employment in the fields of shipbuilding, automotive, railway car, aircraft manufacturing, bridge, dam, power plant, oil rig construction and maintenance of all types of facilities. Students will also receive related instruction pertaining to welding/fitting. This is an open entry/open exit, self paced, individualized program.

This program leads to the MGCCC diploma. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education (see requirements on page 64).

Basic Welding

MAJOR UNIT OF INSTRUCTION	SEMESTER HOURS	
VBW 1002	Introduction to Welding	2
VBW 1001	Industrial Safety I	1
VBW 1011	Industrial Safety II	1
VBW 1021	Power Sources	1
VBW 1031	Identification of Electrodes.....	1
VBW 1041	Methods of Welding	1
VBW 1053	Introduction to Fluxcore Welding.....	3
VBW 1061	Metal Cutting I	1
VBW 1072	Metal Cutting II.....	2
VBW 1083	Basic Welding I.....	3
VBW 1094	Basic Welding II	4
VBW 1104	Basic Welding III	4
RE 1000	Employability Skills	*
RE 1010, 1020	Related Education	*
	TOTAL SEMESTER HOURS	24

*See RELATED EDUCATION COURSES.

- VBW 1002 — Introduction to Basic Welding.** Equipment and theory learning to strike an arc, running downhand beads and a downhand pad of beads. Sixty hours instruction. Two semester hours.
- VBW 1001 — Industrial Safety I.** Safe use of hand and power tools, use of fire-fighting equipment. First aid procedures and personal protective equipment. Thirty hours instruction. One semester hour.
- VBW 1011 — Industrial Safety II.** Personal and team safety; working with others; protective equipment; safe handling of materials. Thirty hours instruction. One semester hour.
- VBW 1021 — Power Sources.** DC and AC sources; rectifiers; welding machine maintenance; accessory equipment. Thirty hours instruction. One semester hour.
- VBW 1031 — Identification of Electrodes.** A.W.S. specification; types of electrodes; coatings of electrodes; selection of electrodes. Thirty hours instruction. One semester hour.
- VBW 1041 — Methods of Welding.** Gas shielded arc welding (Tig, Mig, and spray arc welding); theory, introduction to Tig and Mig welding processes, class discussion of other processes. Thirty hours instruction. One semester hour.
- VBW 1053 — Introduction to Fluxcore Welding.** Power sources; wirefeeders; special equipment. Running downhand beads and downhand "T" joints. Ninety hours instruction. Three semester hours.
- VBW 1061 — Metal Cutting I.** Oxy-acetylene equipment; safety; equipment; assembly; lighting, and adjustment; hand cutting. Thirty hours instruction. One semester hour.
- VBW 1072 — Metal Cutting II.** Carbon arc cutting; safety; equipment assembly; cutting methods and automatic flame cutting. Sixty hours instruction. Two semester hours.
- VBW 1083 — Basic Welding I.** Steel: stick welding techniques (E-6010); downhand T; vertical T; horizontal T; overhead T. Ninety hours instruction. Three semester hours.
- VBW 1094 — Basic Welding II.** Steel: stick welding techniques (E-7108); downhand T; vertical T; horizontal T; overhead T. One hundred twenty hours instruction. Four semester hours.
- VBW 1104 — Basic Welding III.** Steel: stick welding techniques (E-7018 and E-6010); vertical butt; horizontal butt; overhead butt. (Bend test required on vertical and overhead). One hundred twenty hours instruction. Four semester hours.

ADVANCED WELDING

MAJOR UNITS OF INSTRUCTION	SEMESTER HOURS
VAW 2002 Fluxcore Welding	2
VAW 2012 Structural Welding	2
VAW 2022 Introduction to GTAW (Gas Tungsten Arc Welding).....	2
VAW 2031 Testing Welds	1
VAW 2042 Pipe Welding I.....	2
VAW 2052 Pipe Welding II	2
VAW 2062 Pipe Welding III	2
VAW 2072 Pipe Welding IV	2
VAW 2082 Structural MIG Welding	2
VAW 2093 MIG Pipe Welding	2
VAW 2111 Combination MIG and FCAW Welding....	1
VAW 2123 GTAW Alloys (Gas Tungsten Arc Welding	3
VRE 1000 Employability Skills	*
VRE 1010, 1020 Related Education	*
TOTAL SEMESTER HOURS	24

*See RELATED EDUCATION COURSES.

VAW 2002 — Fluxcore Welding (FCAW). Fluxcore welding techniques on vertical, horizontal, and overhead T-joints and vertical, horizontal, and overhead butt joints.

Related Information: safety; secondary accessories; applications; procedures and techniques; and defects. Sixty hours instruction. Two semester hours.

VAW 2012 — Structural Welding. This course is designed to acquaint the student with different structural joints on the job. E-6010 and E-7018 electrodes will be used in flat, vertical, horizontal, and overhead positions. Also weld a 4" x 4" box. Sixty hours instruction. Two semester hours.

VAW 2022 — Introduction to GTAW. Steel: gas welding techniques, flat, vertical, horizontal and overhead positions.

Related Instruction: introduction to gas tungsten arc welding; safety; secondary accessories/shielding gases; applications; procedures and techniques; defects; troubleshooting.

Sixty hours instruction. Two semester hours.

VAW 2031 — Testing Welds. Welds will be tested in compliance with Structural Welding Code (steel) AWS D1.1, American Petroleum Institute API 1104, and American Society of Mechanical Engineers Section 9 (alloys).

Related Information: basic instruction in metallurgy, weldability of metals and troubleshooting.

Thirty hours instruction. One semester hour.

VAW 2042 — Pipe Welding I. Pipe welding techniques using gas tungsten arc welding process. Pipe will be rolled. Sixty hours instruction. Two semester hours.

- VAW 2052 — Pipe Welding II.** Pipe welding techniques using gas tungsten arc welding and shielded metal arc welding processes. Using E-6010 and E-7018 electrodes. Pipe will be in the vertical and horizontal fixed positions. Sixty hours instruction. Two semester hours.
- VAW 2062 — Pipe Welding III.** Pipe welding techniques using gas tungsten arc welding and shielded metal arc welding processes. Using E-6010 and E-7018 electrodes. Pipe will be rolled. Sixty hours instruction. Two semester hours.
- VAW 2072 — Pipe Welding IV.** Pipe welding techniques using gas tungsten arc welding and shielded metal arc welding processes. Using E-6010 and E-7018 for filler passes. Pipe will be in the fixed position. Sixty hours instruction. Two semester hours.
- VAW 2082 — Structural Mig Welding.** Short arc; flat, vertical, horizontal, and overhead T-joints. Related Instruction: introduction to gas metal arc welding; safety; gas metal arc welding power sources; secondary accessories/shielding gases; types of application; procedures and techniques. Sixty hours instruction. Two semester hours.
- VAW 2093 — MIG Pipe Welding.** Pipe welding using gas metal arc welding process. Welding will be in the horizontal and vertical roll position. Ninety hours instruction. Three semester hours.
- VAW 2111 — Combination MIG and FCAW Welding.** Root pass with MIG and fluxcore filler, on pipe and plate. Related Instruction: introduction to fluxcore weld process; safety; secondary accessories/welding gases; applications; procedures and techniques. Thirty hours instruction. One semester hour.
- VAW 2123 — Gas Tungsten Arc Welding on Alloys.** Gas welding techniques; horizontal fillet; overhead fillet; vertical butt open root; overhead butt open root. Ninety hours instruction. Three semester hours.

RELATED VOCATIONAL EDUCATION COURSES

- VRE 1000 — Employability Skills.*** Learning experiences in applying for a job, job interviewing and employer-employee relations.
- VRE 1010 — Related Education.*** Learning experiences in communication skills both oral and written as applied to the occupation in which the student is enrolled.
- VRE 1020 — Related Education.*** Learning experiences in mathematics skills as applied to the occupation in which the student is enrolled.
- *Students are scheduled into the Employability Skills and Related Education class if they have an academic functional grade level below the tenth grade, as determined by achievement tests administered during admission.

Those students required to attend the employability skills and related education class must maintain regular attendance in class and make satisfac-

tory progress. Failure to maintain such attendance and progress will jeopardize the student's enrollment in the vocational education class (i.e., student will be dropped from the class).

The time students are scheduled into the employability skills and related education class is a graduation requirement for those students required to take the class.

Successful completion of related education may be accomplished by one or more of the following: (a) achievement of tenth grade level by testing; (b) passing a written test administered by the occupational instructor and the related education instructor; (c) approval of related education review committee.

COOPERATIVE EDUCATION PROGRAMS

The Cooperative Education Option is available to students enrolled in academic, technical, or vocational programs. The following courses provide credit for a Cooperative Education work experience.

COE 1013 — Cooperative Education Work Experience I. First supervised work experience performed in a job setting related to student's major field of study. The work experience is under the supervision of the Cooperative Education Coordinator. Two hundred fifty-five hours. Three semester hours.

COE 1023 — Cooperative Education Work Experience II. (Prerequisite: COE 1013). Second supervised work experience. Two hundred fifty-five hours. Three semester hours.

COE 1033 — Cooperative Education Work Experience III. (Prerequisite: COE 1023). Third supervised work experience. Two hundred fifty-five hours. Three semester hours.

COE 1043 — Cooperative Education Work Experience IV. (Prerequisite: COE 1033). Fourth supervised work experience. Two hundred fifty-five hours. Three semester hours.

GROUP VIII B — APPRENTICESHIP

The apprentice program is designed to meet the training needs of the apprentice as outlined by the Bureau of Apprenticeship Training. A person must be employed by a sponsoring company and meet all apprenticeship entry requirements as outlined in the Bureau of Apprenticeship Standards before he/she can participate in the apprenticeship program. Apprenticeship programs vary in length from 4,000 to 8,000 clock hours to include work experience training and classroom instruction.

Work experience training provides for apprentices to begin at entry level and graduate to higher level skills as skills are mastered. Apprenticeship instructors monitor work experience training and insure that rotation is maintained.

Classroom instruction includes related studies needed to perform on-the-job skills.

Upon satisfactory completion of the apprenticeship program, the apprentice is classified as a journeyman with the sponsoring company.

The following apprenticeship programs are offered:

BOILERMAKER 8900

(6,000 Clock Hours)

The boilermaker program is designed to teach the skills and related studies needed in the boilermaker craft leading to a boilermaker journeyman.

CARPENTER/JOINER 8901

(8,000 Clock Hours)

This carpentry/joiner program is designed to teach the skills and related studies needed in the carpentry craft leading to carpentry/joiner journeymen. The joiner will follow the same curriculum that the carpentry apprentice follows with the in-plant work experience being different for joiners.

ELECTRICAL 8902

(8,000 Clock Hours)

The electrical program is designed to teach the skills and related studies needed in the electrical craft leading to an electrical journeyman.

MACHINIST 8903

(6,000 Clock Hours)

This machinist program is designed to teach the skills and related studies needed in the machinist craft leading to a machinist journeyman.

PAINTER 8904

(6,000 Clock Hours)

This painter program is designed to teach the skills and related studies needed in the painter craft leading to a painter journeyman.

PIPEFITTER 8905

(8,000 Clock Hours)

This pipefitter program is designed to teach the skills and related studies needed in the pipefitting craft leading to a pipefitter journeyman.

SHEETMETAL 8906

(8,000 Clock Hours)

This sheetmetal program is designed to teach the skills and related studies needed in the sheetmetal craft leading to a sheetmetal journeyman.

HULL WELDER 8907**(4,000 Clock Hours)**

This hull welder program is designed to teach the skills and related studies needed in the sheetmetal craft leading to a sheetmetal journeyman.

PIPEWELDER 8908**(6,000 Clock Hours)**

This pipewelder program is designed to teach the skills and related studies needed in the pipewelding craft leading to a pipewelding journeyman.

These apprenticeship programs lead to the Mississippi Gulf Coast Community College diplomas. Students who complete diploma requirements or 36 semester hours may elect to pursue the MGCCC Associate of Applied Science degree in occupational education. The following additional courses must be taken:

- 3 semester hours — English Composition
- 3 semester hours — Math or 4 hours Science
- 9 semester hours — Social or Behavioral Sciences
- 9 additional hours of Math or Science (Elected from technical math, technical physics, college algebra, or college science)
- 6 additional hours elected from English or Oral Communication

ADULT AND CONTINUING EDUCATION PROGRAMS

Adult and Continuing Education courses are short-term and conducted to meet the educational needs of adults of the community who are not able to fulfill their educational objectives through either a university parallel or occupational (vocational and technical) education programs.

A clear delineation between supplementary and preparatory occupational courses is not always possible when considered from the prospective students standpoint; however, the intent of the instruction will be the determining factor.

Adult and Continuing Education courses may lead to the MGCCC certificate.

Adult and Continuing Education courses are not the same as either the university parallel or occupational (technical and vocational) education listings.

Adult and Continuing Education Courses/Programs are four types: Special Interest Courses, Supplementary Occupational Adult Courses, Preparatory Occupational Adult Courses, and Special Programs. These are described below.

Special Interest Courses

Special Interest Courses include instruction in areas such as health and recreation, cultural and vocational topics that may be of interest to a wide spectrum of individuals in the college community, e.g., flower arranging, guitar, body building, etc.

*Codes:

JC	JD	PK	GC	KS	WHC	ATDC
9000	9075	9150	9225	9245	9254	9265
9074	9149	9224	9244	9253	9264	9284

Supplementary Occupational Adult Courses

Instruction in Supplementary Occupational Adult Courses is supplemental to the occupation of employed individuals and is designed to assist them in keeping abreast of new developments in this field, e.g., numerical control in the machine trades, advanced blueprint reading for carpenters, metallurgy, etc.

*Codes:

JC	JD	PK	GC	KS	WHC	ATDC
9285	9360	9435	9510	9530	9539	9550
9359	9434	9509	9529	9538	9549	9569

Preparatory Occupational Adult Courses

Preparatory Occupational Adult Courses are short-term and designed to prepare the students for employment in a specific occupation, e.g., beginning typing, key punch, machine drafting, welder-tacker, etc.

*Codes:

JC	JD	PK	GC	KS	WHC	ATDC
9570	9620	9670	9720	9740	9749	9760
9619	9669	9719	9739	9748	9759	9779

Special Programs

Courses included in this category are those conducted to meet the specific needs of industries, secondary schools, apprenticeship groups, etc. Examples of special course offerings are: Start-Up Training; Blueprint Reading for Machinist Apprentices; In-Plant Welding.

*Codes:

JC	JD	PK	GC	KS	WHC	ATDC
9790	9850	9910	9930	9950	9959	9970
9849	9909	9929	9949	9958	9969	9990

*A separate and distinct UNIQUE number (College Code) will be assigned to each non-credit course/program offered in the college. Each campus/center shall assign the college code to each course/program offered using the blocks of number shown above. Numbering of courses/programs will begin July 1 each year and ends June 30 the following year.

ADMINISTRATIVE OFFICERS

Central Office

Executive Officers

President.....	Dr. Barry L. Mellinger
Vice President for Administration and Finance.....	Everett Compston
Vice President for Instructional Affairs.....	Dr. Willis Lott
Executive Assistant for Development.....	Nell O. Murray

Administrative Assistant for Academic and General

Instruction and Student Services.....	Zoula Huffman
Administrative Assistant for Accounting.....	Jerry A. Bryan
Administrative Assistant for Data Processing.....	Robert T. Smith
Administrative Assistant for Vocational Instruction.....	Dr. Larry E. Crane
Administrative Assistant for Institutional Research.....	D.L. Anderson
College Director of Special/Vocational Programs.....	Gerald Gartman
Cooperative Education Coordinator.....	Hilton Murray
Coordinator, Marketing/Recruitment.....	Brenda Donahoe
Assistant District Director of Vocational Instruction.....	Helen Easterling
Director of District Printing.....	Frank Spring
Director of Institutional Relations.....	Colleen Hartfield
Director of Purchasing and Personnel.....	VACANT
Tech-Prep Coordinator.....	Harold Dean Belton

President Emeritus.....	Dr. J.J. Hayden, Jr.
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Jackson County Campus

Vice-President.....	Dr. Royce Luke
Dean of Academic and General Instruction.....	William F. Martin
Dean of Student Services.....	Linda Switzer
Dean of Business Services.....	Dr. Houshang Moradmand
Dean of Vocational Instruction.....	Jerold L. Shepherd
Assistant Dean Vocational Education.....	Bennie L. Vancourt
Assistant Dean of Vocational Instruction.....	Charlie Neumann
Library Director.....	Mary A. Palmer
Assistant Librarian.....	Cheryl J. Hinton
Assistant Librarian.....	Sandra K. Briggs
Director of Financial Aid.....	Kim Overstreet
Director of Learning Laboratory.....	Patricia Grady
Director of Student Support Services.....	Tom Beavers
Director of Admissions.....	Mary Graham
Assistant Dean for Learning Resources Center and Media Services Director.....	Dr. Elizabeth K. Nelms
TV Technician, Publicity Photographer.....	Paul D. Mansfield
Coordinator of Program Services.....	Barbara J. McCool

Vocational Counselors	Charles Koski Carl King Linda Mizell
Academic Counselor	June Russum
Recruitment Officer	Terri Ormes
Student Support Services Counselor	Joy Ask
Student Activities Counselor	Terry Fountain
Single Parent/Homemaker Counselor	VACANT
Vocational Resource Counselor	Gerry Partridge
Sex Equity Coordinator	Linda Wheeler

**Jefferson Davis Campus
Keesler Center
Mississippi Gulf Coast Applied Technology
and Development Center
West Harrison County Occupational Training Center**

Jefferson Davis Campus

Campus Vice President	Dr. C.D. Taylor
Dean of Student Services	Dr. David Drye
Dean of Academic and General Instruction	Harry Stamps
Dean of Business Services	T.J. Smith
Dean of Vocational and Technical Instruction	M.W. Thornton
Associate Dean of the Evening College	Michael Romeo
Assistant Dean of Vocational Instruction	Ralph H. McBroom
Assistant Dean, Learning Resources Center and Director of the Learning Laboratory	Elaine McDermott
Director of Financial Aid	Chester Gardner
Director of Media Services	Foster Flint
Library Director	Charles Clark
Assistant Librarian	Dianne Hurlbert
Coordinator, Single Parent/Displaced Homemaker Services	Edna Boone
Counselor, Single Parent/Displaced Homemaker Services	Elaine Dees
Counselor	Veta Griffith
Counselor/Veterans Affairs Certifying Official	Vicki Berry
Counselor, Recruitment	Gene M. Rester
Counselor	Denise Daniel
Counselor	Pamela Skinner
Counselor, Vocational/Technical	Sandra Johnson

Keesler Center

Administrative Dean	S.J. D'Aquila
Counselor	Tommy Adkins

West Harrison County Occupational Training Center

Administrative Dean	Don Christensen
Counselor	Tommye Skinner

Mississippi Gulf Coast Applied Technology and Development Center

Administrative Dean	Johnny Tynes
Workplace Specialist Coordinator	Laura Bragg

**Perkinston Campus
George County Occupational Training Center**

Perkinston Campus

Vice President	Dr. Richard Miller
Dean of Student Services	Jeff Donahoe
Dean of Business Services	Johnnette Dees
Dean of Academic and General Instruction	Robert Rominger
Dean of Vocational Instruction	Dr. R. Travis Ferguson
Assistant Dean for Learning Resource Center and Library Director	Elizabeth Mixon
Assistant Librarian	Dr. Brenda Rivero
Media Services Director	Richard Marlowe
Learning Lab Director	Tom Taylor
Director of Admissions	Charles Cooper
Director of Financial Aid	Sheree Bond
Recruitment Officer/Counselor	Susan Lamey
Counselor	Jan Serpente
Vocational Counselor	James Ray Smith
Supervisor of Student Discipline and Housing	Rick Hartfield
Coordinator of Discipline and Housing for Women	Tracy Carter
Director of Athletics	J.C. Arban
Literacy Director	Roxie Hatten
Coordinator, Single Parent/Homemaker Services	Suzan Bounds

George County Occupational Training Center

Administrative Dean	Anna Faye Kelley
Counselor	Ronnie C. Mizell

STAFF**Central Office**

Secretary, President's Office	Gloria Breland
Secretary, President's Office	April Grace
Secretary, President's Office	Jan Seals
Secretary, Vice President for Administration	Nancy Lee
Secretary, Vice President for Instructional Affairs	Karen McQueen
Secretary, Administrative Assistant of Academic and General Instruction and Student Services	Connie B. Tynes
Senior Bookkeeper	Helen Vernon
Purchasing Clerk	Vonda Ford
Personnel Analyst	Millie Taft

JTPA Bookkeeper, Finance Clerk.....	Marilyn Beckham
Finance Clerk	Jeanette Wells
Accounts Payable Clerk.....	Marleen Moore
Secretary, Director of Personnel and Purchasing.....	Margaret Bounds
Accountant.....	Marcia Lyon
Personnel/Insurance Clerk	Carolyn Brooks
Finance Clerk	Debbie Rogers
Office Machine Technician.....	Raymond Hatten
Office Machine Technician.....	Randall Cornell
Telephone/Office Machine Technician.....	Charles B. Blakeney
Secretary, Institutional Relations	Shirlee Arkwright
Secretary, Vocational Instruction	Sistie Farris
Secretary, Special Vocational Programs.....	Dot Lyons
Staff Writer/Institutional Relations.....	Kimberly Jones
Manager of Publications.....	Gertie Brown
Staff Specialist/Publicity	Jeff Jones
Alumni/Foundation Officer	Louise Brown
Publicity Assistant	VACANT
Computer Programmer/Operator.....	VACANT
Computer Programmer/Operator	James Sartain
Senior Programmer/Operator.....	Louis Boudreaux
Key Punch Operator	Betty Bennett
Courier/Clerk	Nettye Alexander
Duplicating Clerk.....	Arnold Givens
Supervisor of Central Store	Joyce Galloway
Mechanic/Operator.....	Gary Moore
Mechanic/Operator	Ronnie Sims
Driver/Mechanic.....	Mike Gilner
Driver/Mechanic	David Newbill
Computer Programmer/Operator	Joe Furr
District Printing Clerk.....	Alisa Firth
Secretary, Administrative Assistant for Planning/Institutional Research	Judy Cater
Printer	Michael Anderson
Superintendent of Transportation	James Willis

Jackson County Campus

Secretary, Vice-President.....	Kathleen Lott
Secretary, Dean of Academic and General Instruction	Jan Holifield
Secretary, Dean of Student Services.....	Becky Rogers
Records Clerk	Shirley Mullins
Secretary, Dean of Business Services.....	Julie Mansfield
Business Services Secretary	Barbara Blakely
	Barbara Richerson
Secretary, Director of Admissions.....	June Robertson
Bookkeeper	Barbara McDonald
Secretary, Dean of Vocational Instruction	Violet Lett

Secretary, Assistant Dean of Vocational Instruction.....	Barbara Perry
Secretary, Vocational Counselor.....	Shirley Holliday
Secretary, Assistant Dean of Vocational Instruction.....	Sandy Deville
Secretary, Library Director.....	Johanna Martin
Audio Visual Clerk.....	Angie Bridges Paula Thorp
Secretaries, Academic Faculty.....	Susan McGruff Quincile Pullido
Secretary, Learning Laboratory Director.....	Annie Harris
Receptionist/Switchboard Operator/Secretary.....	Janice Davis
Evening Receptionist/Switchboard Operator.....	Vickie Gante
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Secretary, Health Occupations.....	VACANT
Secretary, Associate Degree Nursing.....	Jo Ann Tisbury
Secretary, Maintenance Department.....	Phyllis Bond
Career Center Manager.....	Rebecca Williams
Media Technician and Graphic Artist.....	Mary Dyle
Computer Lab Assistant.....	Tina Dollar Morgan Farmer
Superintendent of Buildings and Grounds.....	Mark Thornton
Buildings and Grounds.....	Lincoln Wise
Supervisor, Janitorial Services.....	Alvin Carter
Chief of Security.....	Milton Smith
Bookstore Manager.....	Mary Shepherd
Bookstore Clerk.....	Sandra Shannon
Game Room Supervisor.....	Virginia Randolph
Secretary, Apprentice Coordinator.....	Thea Pope
Secretary, Student Support Service P/T.....	Jane Peterman
Secretary, Student Transfer Coordinator P/T.....	Vickie Gante
General Office Clerk, Student Service P/T.....	Susan Jones
General Office Clerk, Financial Aide P/T.....	Pat Read
General Office Clerk, Library P/T.....	Wendi Nettles

STAFF

Jefferson Davis Campus Keesler Center

West Harrison County Occupational Training Center Mississippi Gulf Coast Applied Technology and Development Center

Jefferson Davis Campus

Secretary, Vice President.....	Nancy Sneed
Secretary, Dean of Student Services.....	Maria McNally
Secretary, Dean of Academic and General Instruction.....	June Bounds
Secretary, Dean of Business Services.....	Gina Sessum
Secretary, Dean of Vocational Instruction.....	Pat Lanning

Secretary, Associate Dean, Evening College	Betty Towles
Secretary, Assistant Dean, Learning Resources Center	Joy Smith
Secretary, Library Director.....	Jane Boone
Secretary, Director of Media Services.....	Brenda Endris
Secretary, Director of Financial Aid	Karen Parker
Secretary, Director of Admissions	Tammy Richard
Secretary, Single Parent/Displaced Homemaker Services.....	Thiel Gosnell
Records.....	Anne Kempkes
Graphics Artist/Media Technician	Linda Burns
Superintendent of Building/Grounds	R. L. Stafford
Assistant Superintendent of Building/Grounds	Mike Gentle
Day Janitorial Supervisor	Donnie Reeves
Night Janitorial Supervisor	Alto Alexis
Bookstore Manager	John Dempsey
Bookstore Clerk.....	Dorothy Miller
Secretary/Receptionist, Vice President's Office.....	VACANT
Finance Clerk, Business Services.....	Becky Dannelly
Finance Clerk, Business Services	Kay Williams
Finance Clerk, Business Services	Marcile Schruff
Secretary, Office of Vocational/Technical Instruction.....	Jackie Easterling
Secretary, Office of Academic and General Instruction.....	Barbara Glass
Secretary, Faculty	Libby Miller
Secretary, Veterans Affairs.....	Virginia Benefield
Secretary, Financial Aid	Mary Ann Krivanec
Secretary, A.D. Nursing.....	Bernice Gates
Clerk, Records Office	Angela Higginbotham
Switchboard Operator/Secretary	Mary Bailey
Computer Laboratory Assistant.....	Jenny Barnes
Shipping and Receiving Clerk.....	Robert Goodson
Secretary, Building/Maintenance	Joe Gorman

Keesler Center

Secretary, Administrative Dean	Lori Crisler
Secretary, Office of Administrative Dean.....	Lisa Suarez

West Harrison County Occupational Training Center

Secretary, Administrative Dean.....	Nancy Gaskill
Maintenance Supervisor.....	Fred Kately

Mississippi Gulf Coast Applied Technology and Development Center

Secretary, Administrative Dean	Barbara French
Maintenance Supervisor	Michael Martin

Perkinston Campus George County Occupational Training Center

Perkinston Campus

Superintendent, Building and Grounds	William Berry
Assistant Superintendent, Building and Grounds	Al Money
Supervisor, Janitorial Services	Cathy Garner
Supervisor, Grounds	Billy J. Willis
Records Clerk/Veterans Affairs	Tommie Weathers
Bookkeeper	Melissa Morgan
Assistant Bookkeeper	Edna Bond
Secretary, Vice President	Elaine Stephens
Receptionist/Secretary, Admissions	Angela James
Secretary, Director of Admissions	Arlene Owens
Secretary, Dean of Academic and General Instruction	Gay Lott
Secretary, Dean of Student Services	Carole Pearce
Secretary, Dean of Business Services	Sandra Goble
Secretary, Library Director	Glenda Redmond
Secretary, Financial Aid Director	Tammy Hall
Secretary, Media Services Director	Trudy Byran
Secretary, Learning Laboratory Director	Marjorie Batson
Secretary, Dean of Vocational Instruction	Faye Cooley
Secretary, Faculty	Jane Sullivan
Secretary, Science and Fine Arts	Marcia Marlowe
Secretary, Business Education and Math	Marie Baggett
Secretary, Maintenance Department and Financial Aid	Pam Farmer
Secretary, Housing	Toni Naramore
Secretary, Band Director	Sandy Rogers
Switchboard Operators	Joyce Henderson Karen Hayes Toni Naramore
Housemothers	Sandy Ladner Georgia Bond Opal Ainsworth Shirley Finnan Aurelia Walker Carole Peeples Willie Parker Debra Cannon
Student Center Clerks	Nettie Lyons Mercedes Jordan
Computer Laboratory Assistant	Dana Price
Counselor/Student Activities Manager	Russell Hatten

Supervisors of Dormitories and Student Activities	Ed Wilson Tammie Weathers Carl Graham Chris Calcote
Bookstore Manager	Charlene O'Neal
Sports Inquiry Manager.....	Jeff Davis
George County Occupational Training Center	
Secretary, Administrative Dean	Brenda Roberts
Maintenance/Security	Frank Goff
Secretary, Administrative Dean.....	Jannie Smith
Janitorial Services	Carrie Jackson

COLLEGE EXECUTIVE COUNCIL

President Barry L. Mellinger; Vice Presidents Everett Compston, Clifton D. Taylor, Royce Luke, Willis Lott, Richard Miller; and Executive Assistant Nell Murray.

College Council

The President of the College and Vice Presidents of the campuses are ex-officio members of all committees and councils.

President Barry L. Mellinger, Vice Presidents Everett Compston, Willis Lott, Richard Miller, Clifton D. Taylor, Royce Luke, Nell Murray, Larry Crane, Anna F. Kelley, Jerry Bryan, Robert Smith, Johnnette Dees, Gerald Gartman, John Cooley, Sal D'Aquila, Johnny Tynes, Larry Garvin, D.L. Anderson, William Martin, Houshang Moradmand, Rusty Johnson, Barbara Haygood, Travis Ferguson, Richard Miller, Jan Serpente, Tom Taylor, Bob Acuff, Barbara Ferrill, Wendell Thornton, David Drye.

JACKSON COUNTY CAMPUS

Committees

Administrative Committee: Luke, Moradmand, Martin, Shepherd.

Admissions Committee: Graham, King, Switzer, Koski. (Admissions Committees for Health Programs are appointed annually by the appropriate deans.)

Judicial: Ormon, Chair; Melton; Burger; two students.

Faculty Publicity: Nelms, Fountain, Mansfield.

Graduation: Switzer, Moradmand, Graham, West.

Guidance: Switzer, Beavers, Mizell, Graham, Russum.

Learning Resources: Nelms, Chair; Palmer, Grady, C. Broome, Martin, R. Miller, Eason, Allison, Shepherd.

Scholarship: Cuff, Moreton, Overstreet, Baggett, Switzer.

Student Activities: Presidents of the Student Council, VICA, and PTK, Treasurer of Student Council, Fountain, Ormes, Switzer.

Student Publications: Fountain, Ormes, Switzer, Editors of Student Newspaper and Yearbook.

Department Chairpersons

Associate Degree Nursing	Nica Cason
Business and Office Administration	Jeanette Thomas
Fine Arts	Martha Richardson
Health and Physical Education	Dr. Charles Keith
Language Arts	Walter Mullen
Mathematics	Ralph Smith
Social Studies	Dean Shaw
Science	Dr. Jim Dunn
Developmental Studies	Barbara Haygood
Vocational Education	Robert Hudson
Technical Education	Charlie Ormon
Health Occupations	Sherry Whitmore

Vice President's Committee

Barbara Haygood	Elected	1990-93
Gretchen Cunningham	Appointed	1990-93
Jim Dunn	Elected	1991-94
Ronald Ainsworth	Appointed	1991-94
Carol Pierce	Elected	1992-95
Andrew Tucker	Appointed	1992-95

JEFFERSON DAVIS CAMPUS

Committees

Administrative Committee: Taylor, Chair; D'Aquila; Thornton; T.J. Smith; Stamps; Drye; Tynes; Christensen.

Admissions: Drye, Chair; Holloway; B. Stafford; Pham; Larsen; B. Ladner; Bourgeois; Adkins; T. Skinner.

Judicial: Roberts, Chair; Fayard; Stephens; Rutter; Johnson; Pigott; Scafide; President of the Student Council and student appointed by the Student Council.

Reception and Courtesy: H. Sinopoli, Chair; Shull; Bankston; Holleman; Weinberg; Ward; Bosworth; Sneed.

Food Service: Meadows, Chair; R. Smith; Jerry Smith; E. Boone; Van Court; Gollotte; Weinberg; Holleman; Sessum.

Graduation: Drye, Chair; Stamps; Catlett; Therrell; Andresen; Roberts; White; Geiselman; two students appointed by the Student Council.

Guidance: Daniel, Chair; Holloway; Adkins; T. Skinner; P. Skinner; Rester; Griffith; Drye (Ex-Officio).

Instructional Affairs: Taylor, Chair; Stamps; Thornton; appropriate Deans or Department Chairpersons.

Learning Resources: McDermott, Chair; Burns; Roper; Black, Hurlbert; Mitchell; D. Waldorf; Davidson; Richards; Clark; Flint; Ward.

Physical Education and Health Services: Beacham, Chair; Ferrill; Dedeaux; Stephens; Miller; Lewis; Cuevas; McKay.

Publications: P. Sinopoli, Chair; J. Bailey; Ferrill; Mead; Phillips; Sanders; Dedeaux; Hurlbert.

Registration: White, Chair; R. Smith; Sellers; McDermott; Romeo; Acuff; Jennings; Wise; C. Gardner; Johnson; Administrative Committee.

Scholarships: C. Gardner, Chair; Anastasio; Thompson; Therrell; Kibler; Stever; Tynes; Adkins; McDaniel; two students appointed by the Student Council.

Department Chairpersons

Associate Degree Nursing.....	Wanda Brignac
Business and Office Administration.....	Ouida White
Fine Arts.....	Wayne Catlett
Developmental Studies.....	Debra Watson
Health, Physical Education and Recreation.....	Winston Beacham
Language Arts.....	Evelyn Webb
Mathematics.....	Larry Miller
Science.....	Shelia Brown
Social Studies.....	L.A. Drago
Technical Programs.....	Ronnie Lee
Vocational Health Occupations.....	Martha Marion
Vocational Trade Programs.....	Bobbie Acuff

Vice President's Committee

T.J. Smith	Appointed	1989-1992
June Bounds	Elected	1989-1992
David Dedeaux	Appointed	1990-1993
Sidney Sellers	Appointed	1990-1993
Marilyn Van Court	Elected	1990-1993
Martha Marion	Elected	1990-1993
Tommy Adkins	Appointed	1990-1993
R.L. Stafford	Appointed	1990-1993
Hal Kibler	Appointed	1990-1993
Gerald Bourgeois	Elected	1992-1995
John Carter	Appointed	1992-1995

PERKINSTON CAMPUS

Committees

Academic and Honors Scholarship: B. Rominger, Chair; Department Chairpersons.

Admissions: J. Donahoe, Chair; C. Cooper; J. Serpente; Tracy Carter.

Campus Athletic: J.C. Arban, Chair; G. Holmes; B. Weathers; C. Cooper, C. Farris.

Christian Council: Dr. N. Mann, Chair; B.S.U. Director; Dr. T. Ferguson; Presidents of Christian Organizations.

Faculty Housing: Dr. R. Miller, Chair; Dr. B. Mellinger; E. Compston.

Graduation: G. Smith, Chair; J. Donahoe; E. McCoy; David Dueitt.

Judicial: Tom Taylor, Chair; C. Calcote; Dr. D. Schwab; B. Malone; R. Marlow; R. Whiteside (Alt.); S.C. members — 2.

Learning Resources: L. Mixon, Chair; T. Taylor, R. Marlowe; Dr. M. Heim; S. McMahon; B. Malone; L. Howell; Student.

Scholarship: J. Donahoe, Chair; J. Dees; B. Rominger, S. Bond.

Student Activities: J. Donahoe, Chair; E. Wilson, T. Weathers, R. Hatten, T. Carter, C. Graham, R. Hartfield.

Salvage: B. Rominger, Chair; R. Hartfield, J.C. Arban.

Student Housing: J. Donahoe, Chair; C. Cooper, R. Hartfield; Tracy Carter; Dormitory Supervisors.

Department Chairpersons

Business and Office Administration	Gloria Smith
Fine Arts	Kathryn Lewis
Health and Physical Education	Cooper Farris
Language Arts	Betty Malone
Mathematics	Jesse Jacobs
Science	Dr. David Schwab
Developmental Studies	Dr. Marie Heim
Social Studies	Charles Sullivan
Vocational-Technical	Dr. Travis Ferguson

Vice President's Committee

Gloria Smith	Elected	1990-93
Marie Paslay	Appointed	1990-93
Dr. Travis Ferguson	Appointed	1990-93
Billy J. Willis	Appointed	1990-93
Jane Sullivan	Appointed	1990-93
Larry Burney (GCOTC)	Appointed	1990-93
Bruce Layton	Elected	1991-94
Dr. John Jenkins	Appointed	1991-94
Jon Lewis	Elected	1992-95
Angelyn Mann	Appointed	1992-95

ADMINISTRATION AND FACULTY

Barry L. Mellinger, President (1979). A. S., Mississippi Gulf Coast Community College, Perkinston Campus. B.S. and M.S., Mississippi State University. Ph.D., Purdue University

Everett Compston, Vice President for Administration and Finance (1965). B.S., Northeastern State College, Tahlequah, Oklahoma. M.Ed., University of Southern Mississippi. Additional study, University of Kentucky.

Jerry Bryan, Administrative Assistant for Accounting (1977). B.S., University of Southern Mississippi.

Larry E. Crane, Administrative Assistant for Vocational Instruction (1970). B.S., M.S., Ed.S., Ed.D., University of Southern Mississippi.

- Brenda Donahoe**, Marketing/Recruiting Coordinator (1982). M.Ed., University of Southern Mississippi.
- Gerald Gartman**, College Director of Special/Vocational Programs (1964). A.S., Mississippi Gulf Coast Community College, Jefferson Davis Campus, B.S. and M.S., University of Southern Mississippi.
- Colleen Hartfield**, Director of Institutional Relations (1992). M.A., South East Missouri University.
- Zoula Huffman**, Administrative Assistant for Academic and General Instruction and Student Services (1992). M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.
- Willis H. Lott**, Vice President for Instructional Affairs (1992). Ed.D., University of Southern Mississippi.
- Nell O. Murray**, Executive Assistant for Development (1981). B.S. and M.B.A., University of Southern Mississippi. Additional study, Spring Hill College.
- Robert T. Smith**, Administrative Assistant for Data Processing (1965). A.S., Mississippi Gulf Coast Community College. B.S., University of Southern Mississippi. Additional study, Mississippi State University.
- Hilton Murray**, Cooperative Education Coordinator (1978). A.S., Mississippi Gulf Coast Community College, Perkinston Campus. B.S. and additional study, University of Southern Mississippi, and Spring Hill College.
- D.L. Anderson**, Administrative Assistant for Institutional Research (1989). B.B.A., Texas A & M University. M.B.A., University of Southern Mississippi. Additional study, University of Southern Mississippi.
- Harold Dean Belton**, Tech Prep Coordinator (1987). A.A.S., Mississippi Gulf Coast Community College. Additional study, University of Southern Mississippi.
- Helen Easterling**, Assistant Director of Vocational Instruction (1993). B.S., M.S., University of Southern Mississippi. Additional study, Mississippi State University.

Jackson County Campus

- Ronald B. Ainsworth**, Mathematics (1970). B.S., McNeese State University. M.E., University of Southwestern Louisiana. Additional study at McNeese State, University of Southwestern Louisiana, University of Southern Mississippi.
- Stephanie Allison**, Related Education Instructor (1991). B.S., M.Ed., Mississippi State University.
- Joy Ask**, Student Support Services Counselor (1988). B.S., Mississippi University for Women. M.S., University of Southern Mississippi. Additional study at Mississippi State University.
- James Baggett**, Science (1990). B.A., University of Mississippi. M.S., University of Southern Mississippi.
- Tom Beavers**, Student Support Services Director (1984). B.S., Troy State University. M.Ed., Stetson University.
- Frances Kay Bevell**, Physical Education (1991). B.S., M.S., University of Southern Mississippi.
- John Blakeney**, Medical Laboratory Technology (1971). Clinical Liaison for Biloxi V.A. Hospital. B.S. and M.T., University of Southern Mississippi.

- Thomas Boone**, Human Services (1980). B.A., Millsaps. M.A., Perkins School of Theology, Southern Methodist University.
- Linda Brantley**, Nursing (1989). B.S.N., University of Mississippi, M.S.N., University of Alabama.
- Regina Breazeale**, Mathematics (1992). B.S. Mississippi State University. M.S., University of Southern Mississippi.
- Selina Breland**, Student Support Services Academic Advisor (1991). A.S., Mississippi Gulf Coast Community College, Jackson County. B.S., University of Southern Mississippi.
- Jane A. Brenden**, Nursing (1991). B.S.N., M.S.N., University of South Alabama.
- Sandra Briggs**, Assistant Librarian (1978). B.S., Delta State University. M.L.S., University of Mississippi.
- Bernard Brooks**, Industrial Electricity (1986). B.S. and M.S., University of Southern Mississippi.
- Cynthia Broome**, English (1989). B.S., M.A., University of Southern Mississippi.
- Kimberly Brown**, Science (1990). B.S., University of Mississippi, M.S., University of Southern Mississippi.
- Lynne Pringle-Burger**, Social Studies (1971). Diploma, Gulf Park Junior College. B.S., Vanderbilt University. George Peabody College, M.S.S., University of Mississippi.
- Nica Cason**, Nursing (1981). B.S.N., University of Texas. M.S., Nursing, University of Southern Mississippi.
- James Christine**, Electronics (1979). B.S., Industrial Vocational Education, University of Southern Mississippi.
- Evelyn Clark**, Instructional Assistant (1980). B.A., William Carey College.
- Kathy Clark**, Language Arts (1979). B.A., Mississippi College. M.Ed., William Carey College.
- Marsha J. Cluff**, Fashion Merchandising (1980). B.S., University of Southern Mississippi.
- Gale Collins**, Practical Nursing (1973). R.N., South Mississippi Charity Hospital School of Nursing. Course work at Jones County Junior College. Additional study at University of Southern Mississippi.
- Evelyn Cronier**, Nursing (1990). B.S., M.S.N., University of Southern Mississippi.
- Gretchen Cunningham**, Medical Laboratory Technology (1979). B.S., M.T. (ASCP), University of Southern Mississippi.
- Nancy Dry**, English (1974). B.A., University of Southern Mississippi. M.A.C.T., Auburn University. Ph.D., University of Southern Mississippi.
- Carl Duncan**, Social Studies (1975). A.S., Mississippi Gulf Coast Junior College. B.S., M.A., University of Southern Mississippi.
- Jim Dunn**, Science (1989). B.S., Arkansas Tech University, M.S., Ph.D., University of Southern Mississippi.
- K. Thomas Eason, Jr.**, Drafting and Design (1983). A.S., Mississippi Gulf Coast Junior College. B.S., Louisiana State University. M.A., University of Southern Mississippi.
- Charles Egerton**, Science (1992). B.S., University of Oklahoma, M.S., Ph.D., University of Southern Mississippi.
- Martha C. Farley**, Nursing (1988). B.S.N., M.S.N., University of Alabama at Birmingham.

- Lactancio DeNievio Fernandes, M.D.**, Veterans Administration Medical Center, Biloxi Division, Associate Medical Director for the Respiratory Therapy Education Program.
- Terry Fountain**, Student Activities Counselor (1983). B.S., University of Mississippi. M.S., University of Southern Mississippi.
- Joy Gibson**, English (1992). B.A., M.A., Mississippi University for Women.
- Patricia Grady**, Learning Laboratory Director (1978). B.S., M.A., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Mary Spring Graham**, Director of Admissions (1987). B.S., M.Ed., University of Southern Mississippi. Additional study, University of Southern Mississippi.
- Leon Gray**, Music (1987). B.M., Mississippi College. M.M., University of Tennessee.
- David P. Greenwell**, Psychology (1975). B.S., M.S., University of Southern Mississippi.
- Pat Hancock**, Reading (1988). B.S., Mississippi State University. M.S., University of Southern Mississippi.
- William Harris**, Welding (1977). Studies being done at University of Southern Mississippi toward B.S.
- Barbara Haygood**, Mathematics (1985). B.S., Mississippi University for Women. M.Ed., William Carey College.
- Brenda Helms**, Mathematics (1984). B.S., Delta State University. M.Ed., William Carey College.
- Emily Helveston**, Nursing (1981). B.S., University of South Alabama. M.S., University of Mississippi.
- Deborah Hill**, Nursing (1983). B.S., Mississippi University for Women. M.N., University of Mississippi.
- Patricia Hill**, Nursing (1977). B.S., University of Southern Mississippi. M.N., University of Mississippi Medical Center.
- Cheryl Hinton**, Assistant Librarian (1974). B.S., M.S., University of Southern Mississippi.
- Robert Hudson**, Machine Shop (1976). B.S., M.S., University of Southern Mississippi.
- Jane D. Irwin**, Business (1965). B.S., M.S., University of Southern Mississippi.
- Marna Iverson**, Clinical Liaison for Medical Laboratory Technician-AD Program (1973). Staff Medical Technologist at Ocean Springs Hospital. B.S. and M.T., University of Minnesota.
- Kevan Jenner**, English (1989). B.S., M.A., University of Southern Mississippi.
- Anne Johnson**, Science (1984). B.S., University of North Alabama. M.Ed., Northeast Louisiana University.
- R. Deleah Johnson**, Business (1970). Graduate, Henderson Business College. B.S., Rust College. M.Ed., University of Southern Mississippi.
- Faye Jones**, Social Studies (1989). B.S., Mississippi College. M.A., Mississippi State University. Additional study, University of South Alabama.
- Ralph Jones**, Mathematics (1966). B.S., University of Southern Mississippi. M.S., Mississippi State University.
- Lynn Juhl**, Single Parent Homemaker (1986). Ph.B. Marquette University. M.S., Inter-American University.

- Charles Keith**, Physical Education (1965). B.S., M.A., Ed.D., University of Southern Mississippi.
- Carl King**, Vocational Counselor (1984). B.S., Mississippi State University. M.S., University of South Alabama.
- Darlene Morgan King**, Child Care (1987). B.S., M.S., University of Southern Mississippi.
- S. Lee King**, RRT Program Director Respiratory-Care Program (1991). B.S., Weber State College, M.S., Wichita State University.
- Charles Koski**, Vocational Counselor (1980). B.S., University of Southern Mississippi, M.S., University of South Alabama.
- Edward C. Kreckler**, M.D., Chief Laboratory Service, Veterans Administration Medical Center, Biloxi Division, Medical Director for the Medical Laboratory Technician Program (1977).
- Lee Lambert**, M.D. (1968). Medical Director for the Respiratory Therapy Program. Singing River Hospital System at Ocean Springs Hospital.
- Tara Langston**, English (1991). B.A., M.S., University of Southern Mississippi.
- Michael LeBatard**, Drafting and Design (1979). Associate Degree, MMGCCC/Jefferson Davis Campus. Additional course work.
- Yong Chun Lee**, Science (1990). B.S., Fudan University. M.S., University of Mississippi.
- Phillip J. Levine**, Plumbing (1982). Study at University of Southern Mississippi, Purdue University, University of Florida and Mississippi Gulf Coast Community College.
- Judy Lewis**, Radiological Technology (1986). R.T. (R)A.S. Mississippi Gulf Coast Junior College. Additional study at University of Southern Mississippi.
- Lynne Lohmeier**, Science (1989). B.S., Miami University. Ph.D., Mississippi State University.
- Clara L. Lohse**, RRT, Respiratory Therapy (1992). A.S., Des Moines Area Community College.
- Royce Luke**, Vice President (1956-60; 1965-66; 1969-88; 1992). B.S., M.A., University of Southern Mississippi. Ed.D., Mississippi State University.
- Robert F. MacInnis**, Science (1967). B.S., University of Southern Mississippi and Texas College of Arts and Industries. M.S., Middle Tennessee State University.
- Kathleen Malone**, Language (1965). B.A., Agnes Scott College. Graduate study at University of Guadalajara, Mexico and University of Southern Mississippi. M.A., Louisiana State University.
- Douglas Mansfield**, Instruction Television (1971). Study at Mississippi Gulf Coast Junior College and University of Southern Mississippi.
- Patricia Manuel**, Nursing (1992). B.S.N., M.S.N., University of South Alabama.
- Sharon Marks**, Nursing (1985). B.S., University of Alabama, MSN, University of South Alabama.
- William F. Martin**, Dean of Academic and General Instruction (1966). B.S., Technical Education, M.S., Industrial Education, Mississippi State University. Ed.S., Industrial Education, University of Southern Mississippi.
- Delema McCary**, Nursing (1989). B.S., Evangel College. M.S., University of South Alabama.

- Jean McCool**, Coordinator, Single Parent/Homemaker Program (1978). B.S., University of Mississippi. M.S., University of Southern Mississippi. Specialist Degree, University of Southern Mississippi. Additional Doctorate study at University of Southern Mississippi.
- Lena Melton**, Science (1985). B.S., Hampton Institute. M.S., Ed.D., University of Southern Mississippi.
- Rosemary Miller**, Nursing (1984). B.S., M.S., University of South Alabama.
- Joy Mitchell**, Marketing Management (1992). B.S. Mississippi University for Women.
- Linda Mizell**, Counselor (1979). B.S., University of Southern Mississippi. M.A., University of South Alabama.
- Bessie M. Moffatt**, Science (1990). B.S., Mississippi University for Women. M.S., University of Southern Mississippi.
- Paul Moore**, M.D., X-Ray Technology. Appointed to Advisory Committee for the X-Ray Technology July 1970. Singing River Radiology Group. P.A.
- Carol Moradmand**, Psychology (1990). B.S., Mississippi College. M.S., Specialist, University of Southern Mississippi.
- Houshang Moradmand**, Dean of Business Services (1976). B.S., Mississippi College. M.B.A., Mississippi College Ed. Doctrate, University of Southern Mississippi.
- Rebecca Moreton**, Speech (1991). B.A., M.A., University of Mississippi.
- Paul Morgan**, Business (1984). B.S., University of Southern Mississippi. M.B.A. University of South Alabama.
- Marilyn Moss**, English (1991). B.S., M.S., University of Southern Mississippi.
- Mohammed Mulkana**, Science (1970). B.S., D.J., Government. M.S., University of Rhode Island. M.Sc., University of Karchi Pakistan. Ph.D., Mississippi State University.
- Walter Mullen**, English (1967). B.A.E., University of Mississippi. M.E., Auburn University. Additional study at Mississippi State University.
- Janet M. Muncie**, Nursing (1990). B.S., M.S., University of California.
- Elizabeth Nelms**, Assistant Dean for LRC and Media Services Director (1975). B.A., M.S. and Ph.D., University of Southern Mississippi.
- Mary L. Nesbitt**, Nursing (1989). B.S.N., Indiana University. M.A.N., Ball State University.
- Charles Neumann**, Assistant Dean Vocational Education (1977). B.S., University of Southern Mississippi. M.Ed., Mississippi State University. Additional study at University of Southern Mississippi.
- Richard Nolen**, Machine Shop (1979). Mississippi Gulf Coast Junior College.
- Patricia Odom**, Art (1980). B.A., M.A., University of Southern Mississippi.
- Alice O'Neal**, Nursing (1991). B.S.N., University of South Alabama.
- Terri Ormes**, Recruitment Officer (1991). B.S., University of Southern Mississippi.
- Charles E. Ormon**, Electronics (1967). B.S., M.Ed., Mississippi State University.
- Betty Oswald**, Drama and Speech (1978). B.S., Mississippi College. M.A., University of Alabama.
- Julie Overby**, Instructional Assistant (1992). B.A., M.A., University of Southern Mississippi.

- Kim Overstreet**, Director of Financial Aid (1988). B.A., University of Oregon. M.A., University of New Orleans.
- Mary A. Palmer**, Library Director (1968). B.A., University of Mississippi. M.L.S., George Peabody College.
- Gerry A. Partridge**, Vocational Resource Educator (1990). B.S., M.S., University of Southern Mississippi.
- Angela Peden**, Mathematics (1992). B.S., University of Southern Mississippi. M.S., William Carey College.
- Carol Pierce**, Instructional Assistant (1989). B.S., William Carey.
- Betty Redding**, Nursing (1991). B.S.N., M.S.N., Mobile College.
- Martha Reed**, Social Studies (1979). B.A. University of South Alabama. M.A., Mississippi College.
- Martha Richardson**, Music (1969). B.A., Vassar College. M.A., University of South Alabama. Additional study, University of Southern Mississippi.
- Amy Richmond**, Business (1991). B.S., University of South Alabama. M.B.A., University of Southern Mississippi.
- Harold Rogers**, Automotive Mechanics (1972). B.S., M.S., University of Southern Mississippi.
- Rebecca Rutz**, Business (1983). B.S., Wright State University. M.B.A., University of Southern Mississippi.
- L.J. Scriptor**, M.D., (1978). Pathologist at Ocean Springs Hospital. Member of Advisory Committee for Medical Laboratory Technician-AD Program.
- Edna Ruth Shaw**, English (1969). B.S., Blue Mountain College. M.S. University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Harmon Dean Shaw**, Social Studies (1965). B.A., Millsaps College. M.A., Mississippi State University. Completed course work for doctorate at Mississippi State University.
- Jerold Shepherd**, Dean of Vocational Instruction (1968). B.S., Mississippi State University. M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Kaye Sims**, English (1989). B.A., M.S., University of Southern Mississippi. Additional study at Temple University.
- Debra Smith**, Industrial Electricity (1986). Certificate in Industrial Electricity, Mississippi Gulf Coast Junior College. Additional study at University of Southern Mississippi.
- Thomas Ralph Smith**, Mathematics (1965). B.S., Louisiana State College. M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- M. K. Stringfellow**, Science (1967). B.S., University of Southern Mississippi. M.A., Middle Tennessee State University. Additional study at University of Southern Mississippi, Mississippi State University, University of Kansas, Trinity University, University of Missouri-Rolla, and University of Mississippi.
- Joanne Stewart**, Instructional Assistant (1992). B.S., University of South Alabama. M.Ed., University of Southern Mississippi.
- Wanda Stewart**, Drama and Speech (1990). B.S., University of Southern Mississippi. M.S., University of Montevallo.

- Amaryllis Stroud**, Reading (1965). B.S., M.Ed., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Linda Switzer**, Dean of Student Services (1979). B.S., M.Ed., University of Southern Mississippi. Additional study at University of Mississippi and University of Southern Mississippi.
- Barbara Taconi**, Psychology (1992). B.S., M.S., Central Missouri State University. Additional study at University of Nebraska Medical Center and Tulane University.
- Raymond Tanner**, Mathematics (1983). B.S., University of Southern Mississippi. M.Ed., William Carey College.
- Jeanette B. Thomas**, Business (1961). B.S., M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Roxanne Towles**, Student Support Services Transfer Coordinator (1991). B.S., University of Southern Mississippi.
- Mary Trichell**, Radiological Technology (1977). R.T. (R) A.S., Mississippi Gulf Coast Community College. B.S., William Carey College. Additional study at University of Southern Mississippi.
- Sarah Tringle**, Instructional Assistant (1992). B.S., M.S., University of Southern Mississippi.
- Andrew Tucker**, Marine Maintenance (1988). Diploma, MGCCC. Additional study at University of Southern Mississippi.
- Shira Usher**, Practical Nursing (1970). R.N.A.S., Mississippi Gulf Coast Junior College. B.S., M.S., University of Southern Mississippi.
- Bennie L. VanCourt**, Assistant Dean Vocational Education (1971). A.S., Mississippi Gulf Coast Junior College. B.S., M.S., University of Southern Mississippi.
- Patricia West**, Speech (1992). B.A., M.S., University of Southern Mississippi.
- Linda Wheeler**, Sex Equity Coordinator (1990). B.S., William Carey College.
- Charles Whitmore**, Computer Science (1971). A.S., Mississippi Gulf Coast Community College. B.S., Mississippi State University. M.S., University of Southern Mississippi.
- Sherry Ann Whitmore**, Medical Laboratory Technology (1971). A.S., Mississippi Gulf Coast Community College. B.S., MT(ASCP), M.Ed., University of Southern Mississippi.
- David Hopkins Witty**, M.D., Singing River Hospital, Medical Director for the Respiratory Therapy Education Program.
- Eleanor M. Wright**, Practical Nursing (1988). R.N., A.S., Mississippi Gulf Coast Community College. Additional studies at William Carey College and University of Southern Mississippi.
- Thomas R. Zito**, Computer Science (1991). B.E.A., Chicago Institute, M.S., University of South Alabama.

Jefferson Davis Campus

- Robert Abbenante**, Industrial Electronics Technology (1974). A.A.S., Mississippi Gulf Coast Community College. B.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.

- Bobbie J. Acuff**, Industrial Maintenance Mechanics (1972). Mississippi Gulf Coast Community College and University of Southern Mississippi.
- Christine Anastasio**, Social Studies (1978). B.A., Mississippi State University. M.S.W. and additional study at University of Southern Mississippi.
- Margaret Andresen**, Foreign Languages (1967). B.A. and M.A., University of Southern Mississippi. Additional studies at University of Florida, University Puget Sound, and University of Southern Mississippi.
- Betty Ashe**, A.D. Nursing (1988). A.D.S., Northwest Mississippi Community College, B.S.N. and M.S., University of Mississippi Medical Center.
- June J. Bailey**, English (1969). A.A., East Central Junior College. B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Kay R. Bankston**, English (1984). A.S., Mississippi Gulf Coast Community College, B.S. and M.S., University of Southern Mississippi.
- R. Winston Beacham**, Health and Physical Education (1965). B.S., Mississippi State College for Women. M.E., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Harry Bennett**, Social Studies (1992). B.A., Virginia Military Institute. M.S., University of Northern Colorado. Additional studies at University of Colorado, William Carey College and University of Southern Mississippi.
- Judith Benvenuti**, A.D. Nursing (1979). ADN Greenfield Community College. B.S., University of Massachusetts. MPH/CHN, Tulane University. Ph.D., University of Southern Mississippi.
- Vicki Berry**, Counselor/Veterans Affairs Certifying Official (1992). B.S. and M.Ed., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Henry W. Black**, Social Studies (1969). B.G.E., The Municipal University of Omaha. M.A. and Ph.D., University of Southern Mississippi.
- Robert Blakely**, Industrial Electricity (1987). Electronics. USAF. Additional studies at Mississippi State University and University of Southern Mississippi.
- Susan Boettcher**, A.D. Nursing (1989). A.D.N., Mississippi Gulf Coast Community College. B.S.N., University of South Alabama. M.S., University of Southern Mississippi.
- Edna K. Boone**, Coordinator, Displaced Homemaker/Single Parent Services, (1985). B.A., Millsaps College. M.Ed., University of Southern Mississippi.
- Charles Bosworth**, Speech/Theatre (1992). B.F.A., William Carey College. M.F.A., University of Southern Mississippi.
- Robert Bourdin**, Air Conditioning/Refrigeration (1991). B.S., University of Southern Mississippi.
- Gerald Bourgeois**, Economics (1989). B.B.A., Tulane University. M.S.S.M., University of Southern California. Additional study at University of Southern Mississippi, Embry-Riddle University, and William Carey College.
- Wanda Brignac**, A.D. Nursing (1972). B.S., University of Southwest Louisiana. M.S., University of Southern Mississippi.
- Shelia Brown**, Science (1985). B.S., Louisiana State University. M.S., Loyola University. Ph.D., Biology, University of Southern Mississippi.
- Leslie Bruce-Breland**, Science (1991). B.S., Oklahoma Christian College. M.S., Southwest Missouri State University.

- Bernhard Bruhnke**, Industrial Electronics Technology (1989). B.S., University of Southern Mississippi. M.S., Troy State University.
- Don Burnett**, Carpentry (1991). Graduate of Industrial Maintenance Program, Mississippi Gulf Coast Community College. Additional studies, military schools and University of Southern Mississippi.
- Sister Susan Carr**, A.D. Nursing (1990). B.S.N., St. Louis University, M.S.N., University of Alabama.
- John Carter**, Science (1991). B.S., William Carey College. M.S., University of Southern Mississippi. Additional study at Troy State University.
- Bruce Carver**, Food Preparation (1985). Harrison County Sheriff's Department Work Center. Five years experience.
- Wayne Catlett**, Speech/Theatre (1987). A.A., Meridian Junior College. B.F.A., University of Southern Mississippi. M.A., University of Southern Mississippi.
- Elizabeth Chapman**, A.D. Nursing (1988). B.S. and M.S., University of Southern Mississippi.
- William Chatham**, Science (1991). B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Leon Christodoulou**, Drafting (1972). A.S., Mississippi Gulf Coast Community College. Additional study at University of Southern Mississippi.
- Charles Clark**, Library Director (1972). B.Ed., University of Miami. M.L.S., Florida State University.
- Gary Colburn**, Food Preparation (1987). Harrison County Sheriff's Department Work Center. A.S., Mississippi Gulf Coast Community College. Two years experience.
- Deborah Colegial**, Social Studies (1992). B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Anna C. Cuevas**, Hotel, Motel, Restaurant (1979). B.S., Mississippi University for Women. M.S., University of Southern Mississippi.
- Denise Daniel**, Recruitment Counselor (1988). B.S., Millsaps College. M.S., University of Southern Mississippi.
- Bridgett Davenport**, A.D. Nursing (1990). B.S.N., University of Southern Mississippi. M.S.N., University of Southern Mississippi.
- Mary Davidson**, Art (1989). B.S., St. Mary's Dominican College. M.A.T., Tulane University. Additional studies at University of Southern Maine.
- Charles R. Davis**, Social Studies (1991). B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- David L. Dedeaux**, Social Studies (1975). B.A., Jackson State University. M.Ed., University of Southern Mississippi. Additional studies at University of Southern Mississippi and William Carey College.
- Elaine Dees**, Displaced Homemaker Counselor (1988). B.S. and M.Ed., University of Southern Mississippi.
- Laurie A. Drago**, Social Studies (1970). B.A., Northwestern Louisiana College. M.A., Louisiana State University. Course work complete for doctorate, University of Southern Mississippi.
- David R. Drye**, Dean of Student Services (1979). B.S. and M.Ed., University of Southern Mississippi. E.Ed., University of Southern Mississippi.

- Susan DuBois**, Science (1990). B.S. and M.S., University of Southern Mississippi. Additional studies at University of Kentucky, University of Colorado, University of Cincinnati Medical School, San Francisco State University, and Georgetown University.
- Helen Effinger**, Developmental Mathematics (1990). B.S., University of Southern Mississippi. M.S., William Carey College. Additional study at University of Southern Mississippi.
- Deborah Lee Emery**, Reading Laboratory Assistant (1989). B.S., University of Montevallo. M.Ed., University of Alabama.
- Karen Fayard**, Mathematics (1991). B.S., M.E., and Ed. Specialist, University of Southern Mississippi. Additional studies at University of Southern Mississippi and Millsaps College.
- Barbara Ferrill**, Health and Physical Education (1988). B.S., University of Southern Mississippi. M.E., William Carey College.
- David Fitch**, Engineering/Mathematics (1970). B.S. and M.S., Mississippi State University. M.E., Rice University. Course work completed for doctorate, Rice University.
- Joan E. Fitch**, Language Arts (1972). B.A., in German and English, University of Southern Mississippi. M.A., University of Arkansas. Ph.D., in English, University of Southern Mississippi. Additional studies at Princeton University, University of Virginia and the Academy in Rome.
- Foster Flint**, Director of Media Services (1992). A.B., Princeton University. M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Chester H. Gardner**, Director of Financial Aid (1992). B.S. and M.S., University of Southern Mississippi. Coursework completed for Ed.D.
- Howard Geiselman**, Social Studies (1990). B.S. and M.S., Mississippi State University. Additional study at University of Southern Mississippi.
- Norman A. Gerlach**, Dupont Controls (1980). A.S., Mississippi Gulf Coast Community College.
- Lorie Kay Gollotte**, Business and Office Administration (1973). B.S. and M.Ed., University of Southern Mississippi. Additional study at University of Southern Mississippi, William Carey College and Mississippi State University.
- Angie Goodwin**, Mathematics Laboratory Assistant (1985). B.S., Delta State University. Additional studies at University of Southern Mississippi, Vanderbilt University and Delta State University.
- Sharon Gordon**, A.D. Nursing (1992). B.S., University of Southern Mississippi. M.S.N., University of South Alabama.
- Patrick Gray**, Remedial Studies/GED (1969). Harrison County Jails. B.S., Alcorn State University. Additional study at William Carey College and University of Southern Mississippi.
- Veta F. Griffith**, Counselor (1978). B.A., Jackson State University. M.Ed., Mississippi State University. Additional studies at University of Southern Mississippi.
- Troy Guider**, Legal Environment of Business and Economics (1990). M.B.A., University of Southern Mississippi. Additional studies at William Carey College and University of Southern Mississippi.

- Raymond Harmon, Jr.**, Agriculture Production (1986). Harrison County Sheriff's Department. Three years experience.
- Pat Hensley**, Mathematics Laboratory Assistant (1989). B.S., Ed., Math, Louisiana State University. Additional studies at William Carey College and University of Southern Mississippi.
- Diane Holleman**, Related Education (1982). B.S. and M.Ed., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Carol D. Holley**, Language Arts (1991). B.S., University of Southern Alabama. M.S., University of Southern Mississippi.
- Mary Holley**, Language Arts (1992). B.S. and M.S., University of Southern Mississippi.
- Partricia L. Holloway**, Director of Admissions (1981). B.S., M.Ed., and additional study at University of Southern Mississippi.
- Rhonda Hood**, Music (1989). B.M., Mississippi College. M.M., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Edmund J. Huquet**, Auto Body/Auto Mechanic (1989). Harrison County Sheriff's work center.
- Dianne Y. Hurlbert**, Assistant Librarian (1980). B.A. and M.L.S., University of Southern Mississippi.
- Tom Jennings**, Criminal Justice (1987). B.P.A., University of Mississippi. M.S., Criminal Justice, University of Southern Mississippi. Additional study at Tulane University.
- Sandra Johnson**, Vocational Counselor (1992). B.S. and M.S., Delta State University. Additional study at University of Southern Mississippi.
- Gwendolyn Jones**, Mathematics (1980). B.S., University of Southern Mississippi. M.Ed., William Carey College.
- Kay Jones**, Learning Lab Assistant (1991). B.A., Ed., University of Mississippi. M.Ed., Southeastern Louisiana University. Additional studies at University of Houston and University of Southern Mississippi.
- Susan M. Kallas**, Associate Degree Nursing (1983). B.S.N. and M.S.N., Northern Illinois University.
- Dorothy R. Knight**, Language Arts and Developmental English (1978). B.S., Jackson State University. M.S., William Carey College.
- Judith T. Krecker**, A.D. Nursing (1984). Diploma, Louisville General Hospital School of Nursing. B.S.N., William Carey College. M.S.N., University of Mississippi Medical Center.
- Janie Languirand**, Biology and Chemistry (1969). B.S., Belhaven College. M.S., University of Mississippi. A.D.N., Mississippi Gulf Coast Community College. Ph.D., Biology University of Mississippi.
- Cheryl W. Larsen**, Speech (1977). B.S., M.S., Communications, University of Southern Mississippi.
- Archae Laubmeier**, A.D. Nursing (1990). B.S.N. and M.S.N., University of Southern Mississippi.
- Ronnie W. Lee**, Distribution and Marketing Technology (1975). B.S., University of Southern Mississippi. M.S., Mississippi State University. Additional studies at Mississippi College and University of Southern Mississippi.

- Paula Leonard**, Paralegal Technology (1990). B.S., Paralegal Studies, University of Southern Mississippi.
- Charles Lewis**, Secondary Automotive Mechanics (1985). 31 years work experience.
- Alton Lindsay**, Plumbing (1987). B.S., Industrial Vocational Education, University of Southern Mississippi.
- Rhonda Magee**, Practical Nursing (1992). A.S., Mississippi Gulf Coast Community College, Jefferson Davis Campus.
- Howard Malone**, Computer Technology (1963). B.S., University of Southern Mississippi. M.Ed., Mississippi State University. Additional studies at Mississippi State University and IBM Corporation.
- Ronald M. Marcy**, Chemistry (1976). B.S. and M.S., Loyola University.
- Martha B. Marion**, Practical Nursing (1976). R.N., Diploma, Methodist Hospital School of Nursing. Additional studies at University of Southern Mississippi, Mississippi State and Hinds Community College.
- Barbara Martin**, Developmental Math (1989). B.A., Mississippi University for Women. M.Ed., William Carey College. Additional studies at University of Southern Mississippi and Mississippi State University.
- Ralph H. McBroom**, Assistant Dean of Vocational Instruction (1978). B.S., M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Michael A. McCaleb**, Remedial Related/GED (1987). Sheriff's Department Program. B.S., M.S., Ed. Specialist, and Ed. D. University of Southern Mississippi.
- Kathleen McCall**, Language Arts (1980). B.A. and M.A., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Alton G. McDaniel**, Welding (1974). A.A., Mississippi Gulf Coast Community College. B.S., University of Southern Mississippi. M.S., University of Southern Mississippi.
- Elaine M. McDermott**, Assistant Dean, Learning Resources Center and Director, Learning Laboratory (1972). A.S., Mississippi Gulf Coast Community College. B.S., University of Southern Mississippi. M.Ed., William Carey College. Additional study at William Carey College.
- Jimmy W. McKay**, Welding (1987). Harrison County Sheriff's Work Center. Two years experience.
- Paul G. McKay**, Mathematics (1967). A.A., East Central Junior College. B.S. and M.Ed., Mississippi State University. A.B.D., University of Mississippi.
- Ann F. Mead**, A.D. Nursing (1984). B.S., Medical College of Georgia. M.N., Louisiana State University.
- Carole Meadows**, Business Education, (1985). M.Ed., University of Mississippi.
- Janet H. Michelena**, Learning Lab Assistant (Writing) (1989). B.A., University of Akron. M.A., Kent State University. Ph.D. candidate, University of Michigan-Ann Arbor. Additional study at University of Southern Mississippi.
- Larry L. Miller**, Mathematics (1978). B.S.E., Delta State University. M.S., Mississippi State University.

- Elvira Anne Mitchell**, Language Arts (1991). B.A., Lehman College of the City University of New York; M.A., English and Communications, Fordham University. Course work completed for doctorate, Fordham University.
- Donald Moran**, Drafting (1976). A.S., Mississippi Gulf Coast Community College. B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Jerome Morgan**, Accounting (1991). B.S., University of Southern Mississippi. M.S., George Washington University. Additional study at Mississippi State University.
- Charlotte Nabors**, Developmental Mathematics (1992). B.S., University of Southern Mississippi. M.S., William Carey College.
- Betty O'Brian**, Language Arts (1988). B.S. and M.S., University of Southern Mississippi.
- Judith A. Ownbey**, Business Education, (1985). B.S., Florida State University. M.Ed., University of Western North Carolina. Additional study at Mississippi State University.
- Susan S. Pagano**, Mathematics (1972). B.S. and M.S., University of Mississippi.
- Long Van Pham**, Computer Technology (1988). A.A., Mississippi Gulf Coast Community College. B.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- H. Walton Pigott**, Biology (1966). B.S., University of Southern Mississippi. M.N.S., Louisiana State University. Additional study at University of Mississippi.
- Gene M. Rester**, Counselor (1973). B.S. and M.E.D., University of Southern Mississippi. A.B.D., University of Southern Mississippi.
- Norma Jane Richards**, Associate Degree Nursing (1972). B.S.N., Louisiana State University School of Nursing. M.S., Texas Woman's University.
- Glenn F. Rishel**, Building Trades (1987). Harrison County Sheriff's Work Center. Two years experience.
- Stephen Roberts**, Science (1978). A.A., Jones Junior College. B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Mike Romeo, Jr.**, Associate Dean of Evening College (1980). B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Denise Roper**, Biology (1984). B.S., University of Mary Hardin-Baylor. M.S., Baylor University.
- Lynn R. Rutter**, A.D. Nursing (1979). B.S., University of South Carolina. M.N., Emory University.
- James Sanders**, Air Conditioning/Refrigeration (1970). A.S., Mississippi Gulf Coast Community College. B.S., University of Southern Mississippi.
- Jean Scafide**, Mathematics and Computer Science (1988). B.A.E. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- R. Elaine Schmidling**, A.D. Nursing (1978). Diploma, John Peter Smith School of Nursing. B.S.N., William Carey College. M.S.N., University of Southern Mississippi.

- Sidney Sellers**, Auto Mechanics (1972). A.S., Mississippi Gulf Coast Community College. B.S., University of Southern Mississippi.
- Cecil V. Sessum**, DuPont Mechanical Controls (1980). Nine years experience.
- Alma E. Shull**, Language Arts and Development English (1968). B.A., Union University. M.A., Memphis State University. Specialist Certificate and additional studies at University of Southern Mississippi, Appalachian State University and Grambling State University.
- Himbert J. Sinopoli**, Hotel, Motel, Restaurant (1972). B.S. and M.S., University of Southern Mississippi. Additional study at Mississippi State University.
- Paula Sinopoli**, Paralegal Technology (1990). B.S., Paralegal Studies, University of Southern Mississippi.
- Pamela M. Skinner**, Counselor (1982). B.S. and M.Ed., University of Southern Mississippi. Additional studies at William Carey College and University of Southern Mississippi.
- Jerry Smith**, Industrial Maintenance Mechanics Instructor (1989). B.A., Chapman College. M.S., IVE and Specialist IVE, University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Kiahnell Smith**, Agriculture Production (1990). Harrison County Sheriff's Department Program. A.A., Pearl River Community College. Additional study at Mississippi State University.
- T.J. Smith**, Director Financial Aid (1975). B.S., Delta State University. M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Charles Spence**, Science (1992). B.S. and M.S.E., Arkansas State University. A.B.D., University of Southern Mississippi.
- Betty Stafford**, A.D. Nursing (1972). Diploma, Crawford W. Long Hospital School of Nursing. B.S.N., University of Mississippi. M.S., University of Southern Mississippi.
- Harry W. Stamps**, Social Studies (1962). B.S. and M.S., Mississippi College. Additional studies at Mississippi State University and University of Mississippi.
- Lawrence E. Stephens**, Business Administration (1979). B.S. and M.B.A., University of Southern Mississippi. Additional studies at University of Southern Mississippi and William Carey College.
- Clifton D. Taylor**, Campus Vice President (1965). B.M.E. and M.M.E., University of Southern Mississippi. Ph.D., University of Mississippi.
- William E. Therrell**, Social Studies (1963). B.S. and M.A., Mississippi State University.
- Terry D. Thompson**, Business and Office Administration (1983). B.S., Athens College, Alabama. M.B.A., University of Southern Mississippi.
- Max W. Thornton**, Dean of Vocational Instruction (1969). B.S. and M.Ed., Mississippi State University. Additional study at University of Southern Mississippi.
- Marilyn S. VanCourt**, Fashion Merchandising (1976). A.S., Mississippi Gulf Coast Community College. B.S., University of Southern Mississippi and M.S., University of Southern Mississippi.
- David Waldorf**, Physics (1985). B.S., Montana State University. M.S., Purdue University. Ph.D., Ohio State University.

- Elizabeth S. Waldorf**, Biology (1984). B.A., University of Mississippi. M.A., Indiana University. Ph.D., Ohio State University. Additional study at Northeastern University.
- Janie Walters**, Speech/Theatre (1990). B.S. and M.S., University of Southern Mississippi.
- Louise Ward**, Assistant Librarian (1967). B.S., Mississippi State College for Women. M.Ln., Emory University. Additional study at Louisiana State University.
- Debra Watson**, Displaced Homemaker/Single Parent Services (1990). B.S. and M.S., University of Southern Mississippi University. Additional studies at Indiana University and University of Southern Mississippi.
- Evelyn Webb**, Language Arts (1972). B.A., Jackson State University. M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Margaret West**, Computer Science/Mathematics (1992). B.S. and M.Ed., University of Southern Mississippi. Additional study at University of California.
- Sandra Weinberg**, Early Childhood Education (1988). B.S., University of Southern Mississippi.
- Ouida White**, Business Education (1966). B.S. and M.S., University of Mississippi. Additional study at University of Southern Mississippi.
- Sarah Williams**, Business Education (1975). B.S., Alcorn State University. M.B.E., Jackson State University. Additional study at University of Southern Mississippi.
- Dewey Wise**, Social Studies (1989). B.A., William Carey College. M.R.E., New Orleans Baptist Theological Seminary. Ed.D., New Orleans Baptist Theological Seminary.

Keesler Center

- Tommy Adkins**, Counselor (1978). B.S., M.S., and Ed.S., University of Southern Mississippi.
- Clara D'Aquila**, Social Studies and English (1976). B.A. and M.A., University of Southern Mississippi. Ph.D., Tulane University.
- Sylvester J. D'Aquila**, Administrative Dean of Keesler Center (1973). B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.

West Harrison County Occupational Training Center

- Eugene Anderson**, Secondary Auto/Body Frame Repair (1986). Twelve years experience. Undergraduate study at University of Southern Mississippi.
- Donald Christensen**, Administrative Dean (1992). B.S. and M.S., Mississippi State University. Specialist, Vocational/Agricultural Administration, Mississippi State University.
- Ron Cole**, Post-secondary Food Production Management and Service (1992). Twenty-five years work experience. Study at Purdue University, Michigan State University, and Ferris State College.

- John E. Conley**, Secondary Auto Mechanics (1987). Eleven years experience. Undergraduate study at University of Southern Mississippi.
- Marla Eason**, Secondary Health Occupations (1985). A.S., Dekalb Community College. Additional study at University of Southern Mississippi.
- Billy Wayne Johnson**, A.W.S., C.W.I., Post-secondary Precision Metalwork (1989). B.S., Mississippi State University. Additional study at University of Southern Mississippi, University of Florida, Purdue University and Michigan State University.
- Larry Joiner**, Post-secondary Automotive Mechanics (1992). Twenty-eight years work experience. Certificates from Volkswagen of America, Mazda Motors, Audi, and Chrysler/Jeep Eagle Corporation.
- Hal Kibler**, Secondary Metal Trades (1985). Twenty-two years experience. Undergraduate study at University of Southern Mississippi.
- Bryan T. Ladner**, Post-secondary Landscape Construction and Design (1991). Three years experience. B.S. Mississippi State University.
- John H. McCaffrey**, Post-secondary Auto Body and Frame Repair (1991). Fifteen years experience. A.A., Phillips College.
- Sarah Mulvaney**, Post-secondary Secretarial Training (1986). A.S., Mississippi Gulf Coast Community College. B.S. and M.S., University of Southern, Mississippi.
- Ray Phillips**, Diversified Technology (1985). A.S., Mississippi Gulf Coast Community College. B.S. and M.S., University of Southern Mississippi.
- Charles Serpente**, Related Education (1990). B.A., St. Bernard College. M.Ed., University of Florida. Additional study at University of Southern Mississippi.
- Gary Shirley**, EMT-Paramedic (1988). Twelve years experience. Undergraduate study at University of Southern Mississippi.
- Tommye Skinner**, Vocational Counselor (1985). B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Wendell Smith**, Post-secondary Cook/Baking (1986). A.A.S., Mississippi Gulf Coast Community College. Twenty-two years experience. Additional study at University of Southern Mississippi.
- Jessie Stever**, Secondary Intensive Business Training (1985). A.S., Mississippi Gulf Coast Community College. B.S., University of Southern Mississippi. M.Ed., William Carey College. Graduate study at University of Southern Mississippi.
- Thomas Stopson**, Secondary Electricity/Electronics (1985). A.A.S., Mississippi Gulf Coast Community College. B.S. and M.S., University of Southern Mississippi.
- George Wilson**, Post-secondary Industrial Electricity (1986). Twenty years experience. Undergraduate study at University of Southern Mississippi.

Mississippi Gulf Coast Applied Technology and Development Center

- Laura Bragg**, Workplace Coordinator (1991). B.S. and Additional study at University of Southern Mississippi.
- Larry Burdeshaw**, Industrial Maintenance (1986). A.A.S., Community College of the Air Force. Additional study at William Carey College.

- Norman R. Cyr**, Power Plant Electronics/Instrumentation and Control Associates (1992). A.A.S., Community College of the Air Force. A.A.S., Mississippi Gulf Coast Community College. A.A., University of Maryland.
- Leroy East**, Industrial Maintenance (1987). Six years experience.
- Ray Gardiner**, Power Plant Electronics/Instrumentation and Control Associates (1990). A.A.S., Community College of the Air Force.
- Alton McDaniel**, Welding (1974). A.A., Mississippi Gulf Coast Community College. B.S. and M.S., Specialist, University of Southern Mississippi.
- Charles Serpente**, Related Education (1990). B.A., St. Bernard College. M.Ed., University of Florida. Additional study at University of Southern Mississippi.
- Johnny Tynes**, Administrative Dean (1988). A.A., Southwestern Mississippi Junior College. B.S., Mississippi State University. M.S., Specialist, University of Southern Mississippi, and Economic Development Institute. Graduate, 1989, University of Oklahoma.

Perkinston Campus

- Charles M. Acres**, Art (1976). B.A., Jacksonville State University. M.A., M.F.A., University of Alabama.
- Sandra T. Acres**, English (1977). B.S. and M.S., University of Alabama. Additional study at University of Alabama.
- Brenda Anderson**, Learning Lab Assistant (Science) (1990). B.S., Mississippi State University.
- J.C. Arban**, Head Football Coach and Athletic Director (1991). B.S., University of Southern Mississippi.
- W. Brad Barrett**, Secondary Automotive Mechanics (1989). Diploma Mississippi Gulf Coast Community College. Additional study at University of Southern Mississippi.
- Brenda A. Batey**, French, Spanish, Director of Honors Program (1988). A.A., Mississippi Gulf Coast Community College. B.A.S., University of Southern Mississippi. M.A., Mississippi State University. Additional study at University of Arkansas. Fulbright study in Costa Rica.
- Sheree J. Bond**, Director of Financial Aid (1976). A.A., Mississippi Gulf Coast Community College. B.S. and M.B.A., William Carey College.
- Suzan Bounds**, Coordinator of Single Parent/Homemaker Services (1991). B.S., William Carey College.
- Kathleen Braun**, Choreographer/Dance (1987). B.F.A. and M.F.A., University of Southern Mississippi.
- John B. Brown**, Welding (1974). A.S., Pearl River Junior College. B.S. and M.S., University of Southern Mississippi.
- Judge Brown**, Secondary Building Trades (1988). Coursework from University of Southern Mississippi.
- Ode Burrell**, Assistant Football Coach (1992). B.S. and M.S., Mississippi State University.
- Chris Calcote**, Assistant Football Coach (1992). B.S. and M.S., Delta State University.
- Cheryl Catalano**, English (1979). B.S., M.Ed., and further study at University of Southern Mississippi.

- Charles Cooper**, Director of Admissions (1974). B.S. and M.Ed., William Carey College.
- Jeff Davis**, Sports Injury Manager (1992). B.S., University of Southern Mississippi.
- Johnette D. Dees**, Dean of Business Services (1987). B.S., Mississippi College. M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Jeff Donahoe**, Dean of Student Services (1982). B.S., University of Southern Mississippi. M.Ed., William Carey College.
- David Dueitt**, Director of Bands (1988). B.S. and M.M., University of Alabama.
- Jo Anne Ellis**, Speech (1991). B.S., M.Ed., University of Southern Mississippi. Additional study at University of Mississippi, University of Southern Mississippi.
- Cooper Farris**, Coach (1989). B.S.E. and M.S., Delta State University.
- Bobby Fayard**, Assistant Band Director (1991). B.M.E., University of Southern Mississippi.
- R. Travis Ferguson**, Dean of Vocational Instruction (1965). A.A., East Central Junior College. B.S. and M.Ed., Mississippi State University. Graduate study at University of Southern Mississippi. Ed.D., Nova University.
- Jimmy Green**, Commercial Truck Driving (1983). Attended Hinds Community College and University of Southern Mississippi.
- Rick Hartfield**, Supervisor of Student Discipline and Housing (1991). M.Ed., Mississippi State University.
- Roxie Hatten**, Related Education (1991). B.S., University of Southern Mississippi. Additional study at William Carey College, University of Southern Mississippi.
- Marie Heim**, Reading (1979). B.S., University of Southern Mississippi. M.Ed., William Carey College. Ed.D., University of Southern Mississippi.
- Kathy Hendry**, Business Education (1993). B.S., University of Southern Mississippi. M.Ed., William Carey College.
- Linda Hill**, Developmental Mathematics (1992). B.S., University of South Alabama. M.Ed., William Carey College.
- Walter Himel**, Automotive Parts Sales and Management (1990). B.A., Southeastern Louisiana University.
- Donald L. Holman**, Auto Mechanic (1980). B.S., University of Southern Mississippi.
- Greg Holmes**, Women's Basketball Coach (1992). B.S., University of Southern Mississippi. M.S., Jackson State University.
- Jesse Jacobs**, Mathematics (1979). A.A., Meridian Junior College. B.A.E., University of Mississippi. M.S. and M.Ed., University of Southern Mississippi.
- Eva Jenkins**, Learning Lab Assistant (Math) (1989). B.S. and M.S., University of Southern Mississippi.
- John E. Jenkins**, Music (1978). B.S., Louisiana Tech. M.S. and Ph.D., University of Southern Mississippi.
- Susan Lamey**, Recruitment Officer (1988). B.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Bruce Layton**, Physics and Mathematics (1988). B.S. and M.S., Ouachita Baptist University. Additional study at University of Mississippi.
- Earl Lee**, English (1991). B.S., M.S., University of Southern Mississippi.

- Jon Richard Lewis**, History (1977). B.S. and M.A., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Kathryn Ann Lewis**, Speech/Theatre (1969). B.S. and M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Betty Malone**, English (1965). B.A., William Carey College. M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Angelyn Kaye Mann**, Chemistry (1975). B.S., Mississippi State University. M.S., Delta State University. Additional study at University of Southern Mississippi and University of Mississippi.
- Noel R. Mann**, Chemistry (1974). B.S. and M.S., Delta State University. Ph.D., University of Southern Mississippi.
- Richard Marlowe**, Media Services Director (1979). M.F.A., University of Alabama.
- X. Earl McCoy**, Ornamental Horticulture (1991). B.S., Louisiana State University.
- Sharon McMahon**, Learning Laboratory English Instructor, (1992). B.S., Glassboro State College.
- Richard Miller**, Campus Vice President (1970). B.S., Southeastern Louisiana College. M.Ed., Auburn University. M.S., Oklahoma State. Additional study at University of Southern Mississippi and University of Alabama. Ph.D., University of Alabama.
- Elizabeth A. Mixon**, Library Director and Assistant Dean for Learning Resource Center (1988). B.S. and M.L.S., University of Southern Mississippi.
- Steve Nagy**, Assistant Football Coach (1991). B.S., William Carey College. M.Ed., Mississippi State University.
- Brenda Nalepa**, Biology (1987). A.A., Hinds Junior College. B.S., Mississippi University for Women. M.Ed., Mississippi State University. Ed.S., University of Southern Mississippi.
- Drennan Nichols**, Psychology (1983). B.S. and M.S., University of Southern Mississippi.
- Barbara O'Neal**, Computer Science (1979). B.S., Arkansas State University. M.Ed., William Carey College.
- Larry O'Neal**, Mathematics (1967). B.S. and M.Ed., Mississippi State University. Ph.D., University of Mississippi.
- Marie Paslay**, Political Science (1988). B.S. and M.S., University of Southern Mississippi.
- Wesley Riels**, Secondary Welding (1988). Coursework from University of Southern Mississippi.
- Brenda Rivero**, Assistant Librarian (1982). B.A., M.Ed., Ph.D., University of Southern Mississippi.
- Robert Rominger**, Dean of Academic Instruction (1970). B.A. and M.A., University of West Florida. Additional study at University of Southern Mississippi.
- Charles David Schwab**, Biology (1973). B.S. and M.S., Southeastern Louisiana University. Ph.D., University of Southern Mississippi.
- Jan Serpente**, Counselor (1989). B.S.E. and M.E., University of Southern Mississippi.
- David Smith**, Computer Repair Technology (1987). A.A., Mississippi Gulf Coast Community College. B.S. and M.S., University of Southern Mississippi.

- Gloria Smith**, Business Education (1988). B.S. and M.Ed., University of Southern Mississippi.
- James Ray Smith**, Vocational Counselor (1974). B.S. and M.Ed., Mississippi College.
- Marilyn Smith**, Music (1990). B.M.E. and M.M.E., University of Southern Mississippi.
- Charles L. Sullivan**, Social Studies (1967). B.S. and M.S., University of Southern Mississippi. Additional study at University of Mississippi.
- David Taylor**, Commercial Truck Driving (1988). Coursework from University of Southern Mississippi.
- Lisa Taylor**, Business Education (1985). B.S., M.Ed., University of Southern Mississippi.
- Thomas G. Taylor**, Learning Laboratory Director (1976). B.S.E., University of Arkansas. M.E.D., University of Southern Mississippi.
- Bary Thrash**, Drafting and Design Technology (1987). A.S., Mississippi Gulf Coast Community College. B.S. and M.S., University of Southern Mississippi.
- Robert Wayne Weathers**, Coach and Health and Physical Education (1960). B.S. and M.S., University of Southern Mississippi.
- Wendell Weathers**, Chemistry and Assistant Basketball Coach (1988). B.S., M.S., Delta State University.
- Richard Whiteside**, Accounting and Economics (1989). B.S., William Carey College. M.B.A., Troy State University. Additional study at William Carey College.
- Harper Wilson**, Industrial Arts (1976). B.S., Alcorn State University. M.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- James David Wittman**, Music (1969). B.M. and M.M., University of Southern Mississippi.

George County Occupational Training Center

- Larry Burney**, Secretarial (1976). B.S., Albany State College. M.B.Ed., Jackson State University. Additional study at Alabama State University.
- Harry Cochran**, Metal Trades Instructor (Welding) (1983). Four years work experience.
- Shirley R. Cossey**, Cosmetology (1985). Eight years experience.
- Donna Ehlers**, Business Computer Application Instructor (1989). A.A., Mississippi Gulf Coast Community College. B.S.B., University of Southern Mississippi. M.B.A., University of Southern Mississippi.
- Michael Havard**, Building Trades Instructor (1979). B.S., University of Southern Mississippi. Additional study at University of Southern Mississippi.
- Ellen Hill**, Allied Health Occupations (1992). B.S.N., University of Southern Mississippi.
- Linda Hoffman**, Practical Nursing (1992). B.S., Auburn University. M.S., Auburn University.
- Lonnie Howell**, Related Education (1978). B.S., University of Southern Mississippi. M.Ed., William Carey College.

Benjamin Johnston, Welding (1978). Two years Assistant Instructor. Additional study.

Anna Faye Kelley, Administrative Dean (1969). B.S. and M.Ed., University of Southern Mississippi. Additional study at University of Southern Mississippi.

Ronnie Mizell, Counselor (1972). A.S., Perkinston Campus. B.S., University of Southern Mississippi. M.A., University of South Alabama.

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