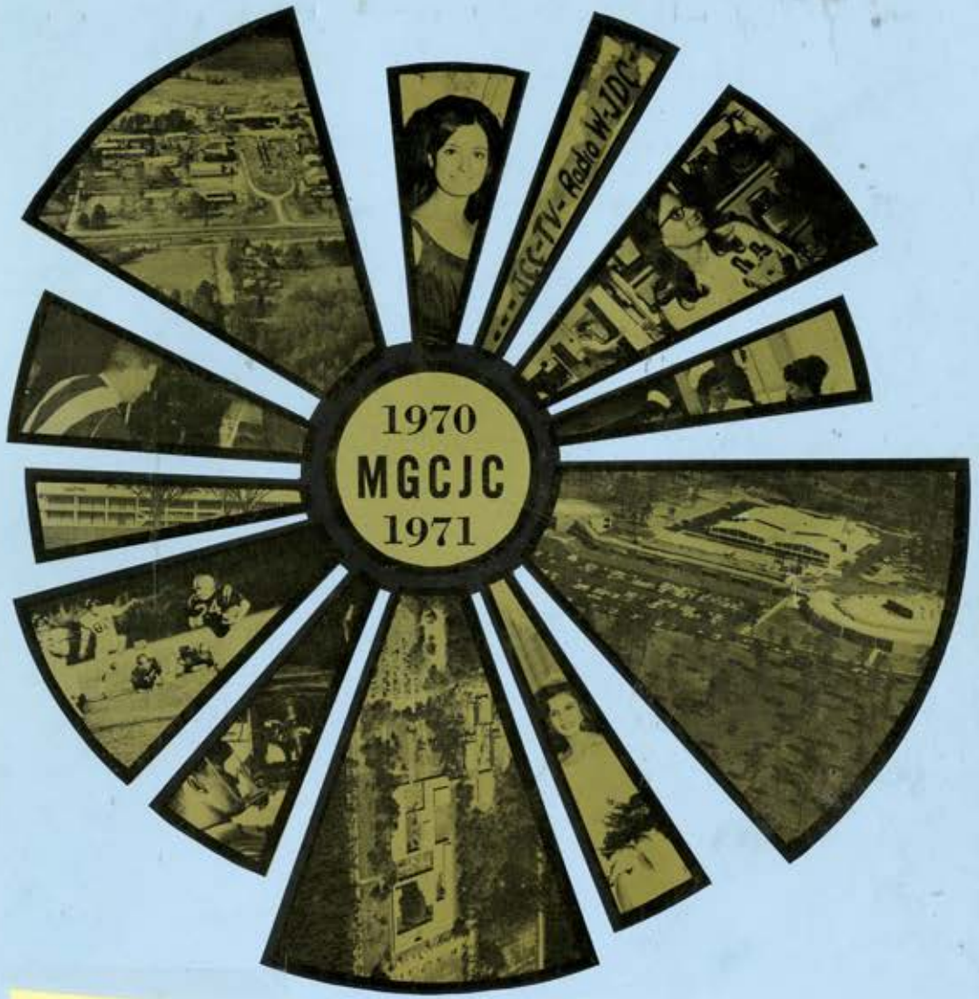
Official Bulletin of

The Mississippi Gulf Coast Junior College

Mississippi Gulf Coast Junior College Catalog 1970-1971

MISSISSIPPI

GULF COAST JUNIOR COLLEGE



CATALOG

JACKSON COUNTY CAMPUS
JEFFERSON DAVIS CAMPUS
PERKINSTON CAMPUS

SUPPLEMENT

These colored pages give additional information or corrections of certain material. Where material has been changed a page number is given.

Page 6 – Delete Mardi Gras and Spring Holidays and insert Easter Holidays Thursday April 8, Friday April 9 and Monday April 12.

Page 9 – Administrative Assistant for Instructional Affairs Harold Wesson. Administrative Assistant for Research and Development Herbert Carrathan.

Page 36 – Under vocational courses. Applicants for vocational health occupations and practical nursing must be high school graduates or pass the GED Test.

Page 38 – Replace the policy on probation and suspension with the following statement: "At the end of each semester grade point averages for all students will be reviewed. Those falling below a cumulative average of 2.0 will be referred to the counseling and guidance personnel. At the end of four semesters of fulltime attendance; or at any time a member of the faculty or administration so recommends, a student's progress will be reviewed. If the student's academic average is still below the 2.0 standard, the guidance committee will be asked to evaluate the student's progress and take whatever disposition including dismissal, they consider to be in the best interest of the student and the college."

Page 48 – Category VIII. Vocational Occupations courses costs $125.00 per year.

Page 53 – At the Perkinston Campus a one hour course in orientation is required.

Page 56 – French and Spanish are four semester hours instead of three and on other pages where applicable.

Pages 89 - 90 – Chemistry 104, 105, 201, and 202 are five semester hours each. This applies to all groups where Chemistry is listed.

Page 92 – Under Groups VII Technical:

1. See special brochure on pretechnical program.
2. See special brochure on Medical Laboratory Program.
3. See special brochure for changes in Law Enforcement Program.

Page 128 – Under Group VIII Vocational:

1. See special brochure on Surgical Technician Program.

Page 44 – Meal tickets cost $36.00.

GULF COAST JUNIOR COLLEGE

Administering

Jackson County Campus

(Established 1965)

Jefferson Davis Campus

(Established 1965)

Perkinston Campus

(College work established 1925)

Supported by residents of George, Harrison, Jackson and Stone Counties.

Affiliated with Mississippi Association of Colleges

Accredited By
Southern Association of Colleges and Schools

CATALOG 1970-71

TABLE OF CONTENTS

Foreword

This publication is intended to be a helpful source of information about the opportunities for educational advancement offered by Mississippi Gulf Coast Junior College. Available through the college are two years of academic studies covering a broad scope of subjects, plus over 30 technical and vocational programs.

Combining a catalog for 1969-70 and announcements for 1970-71, this bulletin covers the college's general academic requirements and procedures, student activities, curriculum and course descriptions. Also included are descriptions of the physical facilities of the three campuses administered by the college. These campuses are Jackson County at Gautier, and Jefferson Davis at Handsboro, both non-resident, and Perkinston at Perkinston, having dormitories for men and women.

The material compiled here is organized for easy reference into six parts as outlined in the table of contents, each furnishing information of interest to students and/or their parents.

Specific topics may be located quickly by consulting the index in the back. A better understanding of the institution, its philosophy, offerings and advantages will be gained by reading the bulletin in its entirety.

CALENDAR

1970

AUGUST

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1971

JANUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

FEBRUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

MARCH

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

APRIL

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

MAY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

JUNE

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

JULY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

AUGUST

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

ACCREDITATION

The college is fully accredited by the Mississippi College Commission for Accreditation and by the Southern Association of Colleges and Schools. This means that students transferring to senior institutions will receive recognition for the credits earned at Mississippi Gulf Coast Junior College.

COLLEGE CALENDAR 1970-71

Friday, August 7, 1970 – Applicants for admission after this date must pay $5.00 late fee.

Wednesday, Thursday, Friday, September 2, 3, 4 – Faculty Workshops

FIRST SEMESTER

Monday, September 7 – Dorms open; Perkinston boarding students report.

Tuesday, September 8 – Registration, all campuses. First semester fees due. Semester room rent and first month's board due at Perkinston.

6:30 P.M. – Registration for evening classes, Jackson County and Jefferson Davis Campuses.

Wednesday, September 9 – Registration continues. (Registrants after this date will be charged $5.00 late fee. If testing is necessary an $8.00 fee will be charged.)

Thursday, September 10 – Classes begin.

Friday, September 18 – Last day to drop course without a grade.

Monday, September 21 – Last day to enter a first semester course.

Monday, October 5 – Second month's board due – Perkinston.

Monday, November 2 – Third month's board due – Perkinston.

Friday, November 6 – First nine-week term ends. Grade reports sent.

Wednesday, November 25 – Thanksgiving holidays start after classes.

Monday, November 30 – Classes resume at 8:00 A.M. Fourth month's board due – Perkinston.

Friday, December 18 – Christmas holidays begin after classes.

Monday, January 4, 1971 – 8:00 A.M. – Classes resume.

Monday, January 11 – Fifth month's board due – Perkinston.

Wednesday, January 20 – Applicants for admission after this date must pay $5.00 late fee.

SECOND SEMESTER

Monday, January 25 – Registration. Second semester fees due. Semester room rent due at Perkinston.

6:30 P.M. – Evening class registration – Jackson County and Jefferson Davis Campuses.

Tuesday, January 26 – Registration continues.

Wednesday, January 27 – 8:00 A.M. – Classes begin. (Registrants after 12:00 noon will be charged $5.00 late fee. If testing is necessary an $8.00 fee will be charged.)
Friday, February 5 – Last day to drop a course without a grade.
Monday, February 8 – Last day to enter a second semester course. Sixth month's board due – Perkinston.
Tuesday, February 23 – Mardi Gras holiday.
Monday, March 8 – Seventh month's board due – Perkinston.
Thursday, Friday, March 18, 19 – Spring holidays.
Friday, March 26 – Nine week term ends. Grade reports sent.
Monday, April 5 – Eighth month's board due – Perkinston.
Monday, May 3 – Ninth month's board due – Perkinston.
Friday, May 28 – Second semester ends.
Friday, Saturday, Sunday, May 28, 29, 30 – Graduation exercises for the three campuses.

SUMMER SESSION 1971

Wednesday, June 9 – Organization of evening classes.
6:30 P.M. Jackson County and Jefferson Davis Campuses.
Monday, June 14 – Registration. (Registrants after this date charged $5.00 late fee.)
6:30 P.M. – Registration for evening classes – Jackson County and Jefferson Davis Campuses.
Friday, July 16 – First five-week term ends.
Monday, July 19 – Second five-week term begins.
Friday, August 20 – Session ends. Commencement exercises.

SEMESTER TESTING SCHEDULE

Monday, 8 - 10, 1st Period MWF classes
10 - 12, 3rd Period MWF classes
1 - 3, 5th Period MWF classes
Tuesday, 8 - 10, 1st, 2nd Period TT classes
10 - 12, 3rd, 4th Period TT classes
1 - 3, 7th MWF classes
Wednesday, 8 - 10, 2nd Period MWF classes
10 - 12 4th Period MWF classes
1 - 3, 6th Period MWF classes
Thursday, 8 - 10, 5th, 6th or 6th, 7th classes
All 090 English

Classes which meet daily may choose their testing date. For classes not covered by this schedule, the tests should be arranged by the Dean. Night classes will test on regularly scheduled class meeting nights.

Boards of Supervisors

HARRISON COUNTY

Laz Quave	Beat 1	Biloxi
Rimmer Simpson	Beat 2	Route 2, Gulfport
Francis J. Hursey	Beat 3	Pass Christian
Wendell C. Lewis	Beat 4	Gulfport
Arlan Robinson	Beat 5	Gulfport
C. J. Darby	Chancery Clerk	Gulfport

STONE COUNTY

John Dees	Beat 1	Wiggins
O. B. Brown	Beat 2	Route 2, Perkinston
Lee Overstreet, Sr.	Beat 3	McHenry
Johnnie West	Beat 4	Wiggins
W. W. Hancock	Beat 5	Route 1, Perkinston
Hollie T. Bond	Chancery Clerk	Wiggins

JACKSON COUNTY

Lum Cumbest	Beat 1	Route 2, Pascagoula
Edward Khayat	Beat 2	Moss Point
J. C. May	Beat 3	Pascagoula
William T. Roberts	Beat 4	Gautier
Olin Davis	Beat 5	Vancleave
Wilbur Dees	Chancery Clerk	Pascagoula

GEORGE COUNTY

Lloyd M. Eubanks	Beat 1	Lucedale
Sam Lofton	Beat 2	Lucedale
Clemon Howell	Beat 3	Lucedale
Joe L. Cochran	Beat 4	Lucedale
Reginald Green	Beat 5	Route 1, Perkinston
Carl L. Havard	Chancery Clerk	Lucedale

Board of Trustees

HARRISON COUNTY

Name	Term Expires	Beat	Address
Richard Creel	1972	1	Biloxi
Russell A. Quave	June, 1973	1	Biloxi
James E. Reese	1973	2	Gulfport
W. H. Starr	June, 1971	2	Gulfport
Donald Demetz	1969	3	Pass Christian
R. J. Moran	1970	4	Gulfport
Arthur Ball	June, 1970	4	Saucier
W. Luther Blackledge	1972	5	Saucier
Esco Smith	1971	Supt. of Education	Gulfport

STONE COUNTY

W. W. Taylor	1972	1	Wiggins
Hiram J. Davis	1973	2	Perkinston
William S. Mauldin, Jr.	1969	3	McHenry
Clayton N. Patton	1970	4	McHenry
Gordon G. Bond	1971	5	Perkinston
E. J. Miller	1971	Supt. of Education	Wiggins

JACKSON COUNTY

G. M. Hamilton	1972	1	Moss Point
R. A. Roberts	1973	2	Moss Point
Warner Peterson	1969	3	Pascagoula
G. H. Puhle	1970	4	Ocean Springs
Norman V. Flurry	1971	5	Perkinston
R. H. Slaughter, Jr.	June, 1972	County at Large	Pascagoula
M. H. Mallette	1971	Supt. of Education	Pascagoula

GEORGE COUNTY

M. L. Malone	1972	1	Lucedale
Luther Jones	1973	2	Route 2, Lucedale
M. L. Pope	1969	3	Lucedale
M. C. Murrah	1970	4	Route 3, Lucedale
W. T. Moore	1971	5	Route 1, Perkinston
Carroll Dungan	1971	Supt. of Education	Lucedale

Administrative Officers

CENTRAL ADMINISTRATION

President. . . . . .J. J. Hayden, Jr.
Administrative Assistant in Charge of Business Affairs. . .L. A. Krohn
Administrative Assistant for Instruction and
Research and Development. . . . . .Harold Wesson
Administrative Assistant for Student Affairs. . . . .Ralph E. Dougherty
Administrative Assistant for
Vocational-Technical Affairs. . . . . .Boyce L. Breland
Coordinator of Manpower Training Programs. . . . . .Edward A. Evans
Vocational Counselor. . . . . .Paul Brauchle
Supervisor of Health Occupations. . . . . .Mrs. Louise Jones
Coordinator of Buildings and Grounds. . . . . .
Purchasing Agent. . . . . .Everett Compston
Director of Publications. . . . . .William H. Byrd
Publicity Assistant. . . . . .Miss Catherine Campbell
Campus Representative, Alumni Association. . .Mrs. Wyvona Scarbrough

JACKSON COUNTY CAMPUS

Executive Dean. . . . . .Curtis L. Davis
Director of Student Services. . . . . .Billie Lofton
Director of Finance. . . . . .Marshall Glazebrook
Director of Vocational-Technical Programs. . . . .R. Travis Ferguson
Counselor. . . . . .Bruce Fisher
Vocational Counselor. . . . . .Bert Phelps
Librarian. . . . . .Mrs. Mary Palmer
Assistant Librarian. . . . . .Mrs. Peggy Parkes
M D T A Supervisor. . . . . .William Taylor
Evening College Coordinator. . . . . .Harold Rouse

JEFFERSON DAVIS CAMPUS

Executive Dean. . . . . .William P. Lipscomb, Jr.
Director of Student Services. . . . . .William L. Vierling
Director of Finance. . . . . .Glen W. Cadle
Director of Vocational-Technical Programs. . . . . .Carlie Scofield
Counselor-Vocational-Technical. . . . . .Wendell Thornton
Counselor. . . . . .Clifton D. Taylor

Librarian. . . . . .James Burford
Assistant Librarian. . . . . .Miss Louise Ward
M D T A Supervisor. . . . . .Gerald Gartman
Evening College Coordinator. . . . . .G. L. Douglas
Evening College Coordinator. . . . . .Quincy Long

PERKINSTON CAMPUS

Executive Dean. . . . . .Charles G. Odom
Director of Student Services. . . . . .Thomas E. Hilbun
Director of Finance. . . . . .John Putnam
Director of Instruction. . . . . .Dr. Clyde E. Strickland
Supervisor, Student Discipline and Housing. . . . . .L. D. Stringfellow
Librarian. . . . . .Gerald Buchanan
Counselor. . . . . .Mrs. Margie Rabby

STAFF
CENTRAL

Secretary to the President. . . . . .Mrs. Ethel H. Bond
Accounting Consultant - Business Office. . . . . .Gerald Price
Office Manager, Bookkeeper - Business Office.Mrs. Florence Rainwater
Office Assistant - Business Office. . . . . .Mrs. Eleanor Baker
Office Assistant - Business Office. . . . . .Miss Nancy Lee
Office Assistant - Business Office. . . . . .Mrs. Helen Vernon
Office Assistant - Business Office. . . . . .Mrs. Lora Johnson
Secretary. . . . . .Mrs. Betty Cobb
Secretary. . . . . .Miss Ann Reeves
Secretary - Vocational-Technical Education. . . . . .Mrs. Ruth Farris
Secretary. . . . . .Mrs. Jeane Odom
Secretary. . . . . .Mrs. Shirley Harris

JACKSON COUNTY CAMPUS

Administrative Secretary. . . . . .Mrs. Helen Davis
Administrative Secretary and Receptionist. . . . . .Miss Brenda Carter
Administrative Secretary. . . . . .Miss Kathleen Lott
Administrative Secretary. . . . . .Mrs. Joan Wilson
Business Secretary. . . . . .Mrs. Sue Fisher
Vocational Secretary. . . . . .Miss Dorothy Gautier
Vocational Secretary. . . . . .Mrs. Jo Ann Parnell
Library Assistant. . . . . .Mrs. Irma Grant

Supervisor of Buildings and Grounds. . . . . .G. A. Parnell
Assistant Building Superintendent. . . . . .Namon Bang
Student Center Manager. . . . . .Mrs. Dean Overstreet

JEFFERSON DAVIS CAMPUS

Secretary to the Executive Dean. . . . . .Mrs. Wilma Newport
Administrative Secretary and Receptionist. . . . .Mrs. Dora Mae Bond
Records Clerk. . . . . .Mrs. Katherine Smith
Business Secretary. . . . . .Mrs. Loyce Williams
Supervisor of Buildings and Grounds. . . . . .Peter Willemoes
Student Center Manager. . . . . .Mrs. Inez Carlisle
Data Processing Supervisor. . . . . .Howard Malone
Assistant Supervisor Data Processing. . . . . .Robert Smith
Data Processing Assistant. . . . . .Thomas D. Peterman
Clerical Assistant - Data Processing. . . . . .Mrs. Dayonne McGuire
Library Assistant. . . . . .Mrs. Christine Crawford
Vocational Secretary. . . . . .Miss Gail W. Lowman
Assistant Building Superintendent. . . . . .John Myers

PERKINSTON CAMPUS

Supervisor, Buildings and Grounds. . . . . .Cecil Reeves
Supervisor, Janitorial Services. . . . . .Delma D'Olive
Head Housemother. . . . . .Mrs. Mary Dees
Records Clerk. . . . . .Mrs. Willie Bunch
Housing Assistant. . . . . .W. B. Rogers
Nurse. . . . . .Mrs. Marie Taylor
Cafeteria Manager. . . . . .Mrs. Lydean Davis
Student Center Manager. . . . . .Mrs. Mary Price
Secretary to Dean. . . . . .Mrs. Norma Joyce Rogers
Receptionist. . . . . .Mrs. Louise Cruthird
Secretary to Librarian. . . . . .Mrs. Clarice Coker
Library Assistant. . . . . .Mrs. Doris Strickland
Housemother. . . . . .Mrs. Vivian Richards
Housemother. . . . . .Mrs. Winnie McGhee
Housemother. . . . . .Mrs. Aline Kennedy
Grill. . . . . .Brodie Barnes
Grill. . . . . .Mrs. Eva Barnes
Grill. . . . . .Mrs. Irene D'Olive

COLLEGE ADMINISTRATIVE COUNCIL

The President of the College and the Dean of each Campus will be ex-officio members of all committees.

College Administrative Council: Hayden, Krohn, Dougherty, Wesson, Breland, Davis, Lipscomb, Odom.

JACKSON COUNTY CAMPUS

Admissions Committee: Lofton, Davis, Phelps, Fisher, Ferguson, Dickson, Rouse

Audio-Visual and ITV Committee: Oswald, McRaven, Turney, Ormond, and all Department Chairmen

Christian Council: Stroud, Presidents of Christian Organizations, Student Council President

Discipline Committee: Lofton, Davis, Ferguson, Luke, Smith, Rouse, Hannah, Student Council President

Curriculum:

Department Chairmen

Associate Degree Nursing. . . . . .Lois Dickson
Business and Office Administration. . . . . .Harold Rouse
Fine Arts. . . . . .Joe Ello
Health and Physical Education. . . . . .Robert Usey
Language Arts. . . . . .Francesca Howard
Mathematics. . . . . .T. Ralph Smith
Social Studies. . . . . .William Ruddiman
Science. . . . . .Robert Herrington

Faculty Advisory Committee: Smith, Shaw, Ello, Munroe, Bennett

Guidance Committee: Fisher, Phelps, Lofton, Davis, Ferguson, Dickson

Graduation Committee: Irwin, Ellis, Hollingsworth

Library Committee: Palmer, Herrington, A. Strahan, Stroud, Dickson, Cowsert, Shaw, Ello, Turney, Luke, Mullen, MacInnis, Sheppard, Bryan

Physical Education, Health and Athletic Committee: Usey, Burkett, Martin, Miller

Scholarship Committee: Lofton, Howard, Ferguson, Luke

Student Activities Committee: Lofton, Jones, Higdon, Ruddiman, Thomas

Student Publications Committee: Howard, Stroud, Lofton, Byrd

JEFFERSON DAVIS CAMPUS

Administrative Council: Vierling, Cadle, Scofield, Taylor, Thornton

Admissions: Vierling, Cadle, Scofield, Taylor, Thornton, Kingman

Curriculum:

Department Chairmen

Associate Degree Nursing. . . . . .Margaret Kingman
Business and Office Administration. . . . . .Elaine Graves
Fine Arts. . . . . .James Mathis
Health and Physical Education. . . . . .Winston Beacham
Language Arts. . . . . .G. L. Douglas
Mathematics. . . . . .John Scarlett
Science. . . . . .Quincy Long
Social Studies. . . . . .Charles R. Shows

Assembly and Lyceum: Vierling, Lisotta, Moore, Shows, Taylor, President of Student Council

Audio-Visual-P.A.: Goforth, Taylor, Vierling, Hendon

Discipline: Vierling, Cadle, Shows, White, Scofield, President of Student Council

Faculty Reception and Courtesy: Carlisle, Mathis, Lee, Ward, B. Johnson

Graduation: Graves, R. Smith, Ortiz

Guidance: Vierling, Taylor, Shows, Thornton

Library: B urford, Ward, B. Malone, Dunn, B. Lee, Cadle, Wallace

Physical Education and Health Service: Beacham, Mullin, Weems, Kingman

Publications: Lisotta, Porter, White, Hendon, Cadle, Ward

Social Life: Vierling, Beacham, Taylor, President of Student Council

Scholarship: Vierling, B. Malone, Cadle, Kingman, McKay, Stamps

PERKINSTON CAMPUS

Admissions: Rabby, Hilbun, Stringfellow

Audio Visual: Strickland, McQuagge, L. Hayden, Buchanan, G. Moffett

Discipline: Clement, W. Moffett, W. Lott, R. Weathers, Student Council President

Christian Council: Buchanan, Warren, J. Davis, Father Fillipich, Presidents of Christian Organizations

Curriculum:

Department Chairmen

Business and Office Administration. . . . . .Kay McInnis
Fine Arts. . . . . .Eugene Clement
Health and Physical Education. . . . . .Robert Weathers
Language Arts. . . . . .Woodley Lott
Mathematics. . . . . .L. D. Stringfellow
Science. . . . . .Dr. Clyde Strickland
Social Studies. . . . . .Samuel Lewis
Vocational-Technical. . . . . .Winfred Moffett

Faculty Advisory: O'Neal, Jones, Lewis, Sansing, W. Moffett, Alexander

Faculty Housing: Odom, Krohn, Dr. Hayden

Graduation: McInnis, Dees, Stringfellow, W. Moffett, J. Wittman, Jones

Library: L. Hayden, Sansing, McInnis, W. Davis, Ross, Faust, (Cerra, Student Representative)

Physical Education, Health and Athletics Committee: Weathers, Sekul, Taylor, Farris, McQuagge, Dellenger, Ross

Publications: L. Hayden, Henderson, Bulldog Barks and Annual Editors

Scholarship: Hilbun, Rabby, Stringfellow

Student Activities: Hilbun, Barnes, Wittman, Buchanan, Schledwitz, two students

Student Housing: Stringfellow, Dees, Hilbun, Dormitory Supervisors

Faculty

J. J. HAYDEN, JR., President (1950)

B.S. and M.S., Mississippi State University. Ed.D., University of Southern Mississippi.

L. A. KROHN, Administrative Assistant in Charge of Business Affairs (1950)

B.S. and M.S., University of Southern Mississippi.

W. HAROLD WESSON, Administrative Assistant for Instruction and Research and Development (1962)

B.S. and M.A., University of Southern Mississippi. Additional study, George Peabody College.

RALPH E. DOUGHERTY, Administrative Assistant for Student Affairs (1966)

A.B., Boston College. M.Ed., St. Louis University. Additional study, University of Maryland and University of Mississippi.

BOYCE L. BRELAND, Administrative Assistant for Vocational-Technical Affairs (1967)

B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi. Radio Technical Training, Florence State Teachers College and Mississippi State University.

EDWARD A. EVANS, Coordinator of Manpower Training Programs (1956)

B.S., Mississippi State College. Additional study, University of Southern Mississippi.

PAUL BRAUCHLE, Vocational Counselor (1969)

B.S. and M.S., University of Southern Mississippi.

LOUISE JONES, Supervisor of Health Occupations
R.N., Charity Hospital. Additional study, University of Southern Mississippi.

EVERETT COMPSTON, Purchasing Agent
B.S., Northeastern State College, Pahtahlequeah, Oklahoma. Additional study, University of Southern Mississippi.

WILLIAM H. BYRD, Director of Publications (1965)
B.A., George Washington University.

WYVONA B. SCARBROUGH, Campus Representative, Alumni Association
A.S., Perkinston Campus. Additional study, University of Southern Mississippi.

JACKSON COUNTY CAMPUS

FAYE ANDERSON, Nursing (1968)
B.S., McNeese State College.

RICHARD J. BECK, Electronics (1956)
B.E.E., Polytechnic Institute of Brooklyn.

MARY BENNETT, Practical Nursing (1964)
Diploma, Mercy Hospital, Vicksburg, Mississippi. B.S. N.Ed., Louisiana State University.

FLORENCE BRYAN, Mathematics (1968)
B.S., University of Southern Mississippi. M.A., Louisiana State University.

VIVIAN L. BURKETT, Physical Education (1966)
B.E., University of Miami. Graduate work, University of Southern Mississippi.

VIVIAN COATS, Nursing (1968)
B.S., University of Tennessee.

JAN CRAFT COCKRELL, Vocational Secretarial (1967)
B.S., University of Southern Mississippi.

THEO R. COWSERT, Electronics (1958)
Graduate of Sioux Falls Air Force Technical School, Cooks Radio Broadcast Engineering School and Keegans Technical Institute. Additional study, University of Southern Mississippi and Mississippi State University.

CURTIS L. DAVIS, Dean (1950)
B.S., Mississippi State University. M.S., University of Southern Mississippi. Completed course work for Doctoral Program.

LOIS ELAINE DICKSON, Nursing (1967)
R.N., Toura Infirmary. B.S., Southwestern Louisiana Institute. M.A., Columbia University.

KATHLEEN ELLIS, Language (1965)

B.A., Agnes Scott College. Graduate study University of Guadalajara, Mexico, University of Southern Mississippi. Graduate study, Louisiana State University.

JOSEPH G. ELLO, JR. Psychology and Music (1966)

B.M.E., Loyola University. M.M.E., Louisiana State University. Additional graduate work, Florida State University and University of Southern Mississippi.

BRUCE W. FISHER, Counselor (1967)

B.A., Mississippi College. B.D., Southern Baptist Theological Seminary. Additional graduate work, University of Southern Mississippi.

RALEIGH TRAVIS FERGUSON, Coordinator Vocational-Technical (1965)

A.A., East Central Junior College. B.S. and M.Ed., Mississippi State University.

MARSHALL A. GLAZEBROOK, Director of Finance (1965)

B.S., Virginia Military Institute. M.S., University of Southern Mississippi.

EDNA RUTH HANNAH, English (1969)

B.A., Blue Mountain College. M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

ROBERT HERRINGTON, Science (1968)

B.A. and M.S., University of Southern Mississippi. Completed course work for Doctoral Program.

BUHEL F. HICKS, Mechanical Technology (1967)

Undergraduate work, Mississippi State University.

CECILE H. HIGDON, Art (1968)

B.F.A., Auburn University. Additional study, Auburn University.

FRANCESCA HOWARD, English (1966)

B.A., Randolph-Macon Women's College. M.A., Tulane University. Additional work, University of Southern Mississippi.

JANE D. IRWIN, Business (1965)

B.S. and M.S., University of Southern Mississippi.

RALPH L. JONES, Mathematics (1966)

B.S., University of Southern Mississippi. M.S., Mississippi State University.

CHARLIE KELLY, Pipefitting (1969)

Twenty years work experience.

CARLANA L. LANE, English (1965)

B.A., Mary Baldwin College. M.A., Tulane University. Special study at Edinburg, Scotland.

JEANNE S. LARCHER, Nursing (1967)
B.S., Cornell University, New York Hospital.

BILLIE J. LOFTON, Director of Student Services (1964)
B.S., University of Southern Mississippi. M.S., Mississippi State University. Additional work, University of Southern Mississippi.

ROYCE B. LUKE, Business and Psychology (1956)
B.S. and M.A., University of Southern Mississippi. Ed.D., Mississippi State University.

JOHN McRAVEN, T.V. Production (1967)
Undergraduate work at Little Rock 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 and University of Oklahoma.

WILLIAM F. MARTIN, Supervisor of Vocational-Technical, Adult Education Programs and Drafting and Design (1966)
B.S., Technical Education, and M.S., Industrial Education, Mississippi State University.

MARY M. MILLER, Business (1964)
B.S. and M.S., University of Southern Mississippi. Additional work, University of Southern Mississippi.

WALTER E. MULLEN, English (1967)
B.A.E., University of Mississippi. M.E., Auburn University.

CHARLES L. MUNROE, JR., Drafting and Design Technical (1959)
B.S., Carnegie Institute of Technology; Air Corps Engineering School Air War College; Industrial College of the Armed Forces. Additional work at Colorado State and Mississippi State.

CHARLES W. NEWELL, X-Ray Technology (1964)
R.T., Providence Hospital, Mobile, Alabama.

KATHLEEN NOLTE, Practical Nursing (1968)
R.N., Hotel Dieu School of Nursing. Diploma, Loyola University of the South 2½ years.

CHARLES E. ORMON, Electronics (1967)
B.S., Mississippi State University. Graduate study, Mississippi State University.

BETTY R. OSWALD, Director of Instructional Television (1969)
B.S., Mississippi College. M.A., University of Alabama. Additional study, University of Alabama. ETV Institute, Chicago.

MARY ANN PALMER, Librarian (1968)
M.L.S., George Peabody College.

PEGGY S. PARKES, Assistant Librarian (1969)
B.S., Mississippi State College for Women.

CLEVELAND A. PATTERSON, SR., Auto Mechanics (1968)
Twenty one years Army Mechanics Training.

BERT PHELPS, JR., Counselor - Vocational-Technical (1969)
B.S., University of Southern Mississippi. M.Ed., Mississippi State University.

HAROLD D. ROUSE, Evening College Coordinator (1965)
B.S., McNeese State College. M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

WILLIAM B. RUDDIMAN, Social Studies (1965)
B.A., Vanderbilt University. M.A., George Peabody College.

HARMON DEAN SHAW, JR., Social Studies (1965)
B.A., Millsaps College. M.A., Mississippi State University. Additional study, Mississippi State University.

JEROLD L. SHEPHERD, Drafting and Design Technology (1968)
B.S., Mississippi State University.

THOMAS RALPH SMITH, Mathematics (1965)
B.S., Louisiana College. M.S., University of Southern Mississippi. Additional work, University of Southern Mississippi.

ARCHIE STRAHAN, Social Studies (1967)
B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

M. K. STRINGFELLOW, Physics (1967)
B.S., University of Southern Mississippi. M.A., Middle Tennesse State University. Additional work, University of Southern Mississippi, Mississippi State University, University of Kansas, Trinity University.

AMARYLLIS J. STROUD, Developmental Reading (1965)
B.S. and M.Ed., University of Southern Mississippi. Additional work, University of Southern Mississippi.

GERALD W. TAYLOR, Welding (1969)
A.S., Mississippi Gulf Coast Junior College, Jackson County Campus.

W. J. TAYLOR, MDTA Training (1966)
Eight years experience as welding instructor.

JEANETTE B. THOMAS, Business Education (1961)
B.S. and M.S., University of Southern Mississippi.

LOUIS TREMMEL, JR., Sheetmetal (1968)
B.S., University of Southern Mississippi.

MILTON L. TURNEY, Speech (1969)
Th.B., Trevecca Nazarene College. M.S. and Ph.D., University of Southern Mississippi. Ph.D., Northwest University.

ROBERT USEY, Health and Physical Education (1968)

B.S. and M.S., University of Southern Mississippi. Additional work, University of Southern Mississippi.

KATHRYN L. WEBB, Nursing (1968)

B.S., Northwestern State College. Diploma Nursing, North Louisiana.

JEFFERSON DAVIS CAMPUS

EVELYN K. ALFORD, Practical Nursing (1964)

R.N. Diploma, New Biloxi Hospital School of Nursing. Additional study, Texas Woman's University and University of Mississippi.

MARGARET ANDRESEN, Foreign Languages (1967)

B.A. and M.S., University of Southern Mississippi. Additional work, University of Florida and the University of Puget Sound, Washington.

FREDERICK G. H. ARCHER, Nursing (1967)

Diploma, Nursing, Pennsylvania Hospital School of Nursing for Men. B.S. N.Ed., University of Pennsylvania.

JUNE BAILEY, English (1969)

A.A., East Central Junior 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.

WILLIAM M. BREWER, Law Enforcement (1969)

B.S.C., University of Mississippi. Graduate study, Tulane University. Graduate, Air Force Institute of Technology. Graduate School of Logistics. Former Special Agent, Federal Bureau of Investigation.

JAMES V. BURFORD, Librarian (1962)

B.S., University of Mississippi. Graduate study, English, Columbia University. M.A., Library Science, Peabody Library School, Peabody College.

GLEN W. CADLE, Director of Finance (1961)

B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi and Mississippi State University.

EILEEN CALLAHAN, Nursing (1969)

R.N., Diploma Nursing, Jennie Edmundson Memorial Hospital, B.S.N., University of Nebraska.

JERRY B. CLARK, Social Studies (1968)

B.A., Delta State College. M.A., Mississippi State University. Additional study, University of Southern Mississippi.

SILAS C. COMMANDER, Design and Drafting (1966)
B.S., Electrical Engineering, Mississippi State University. Additional study, University of Southern Mississippi.

G. L. DOUGLAS, English and Literature (1965)
B.A., William Carey College. M.S., Auburn University. Course work completed for Doctorate.

ELAINE W. DUNCAN, Developmental Reading (1967)
B.S. and M.S., University of Southern Mississippi.

WALTER R. DUNN, Physics and Physical Science (1965)
B.S. and M.S., University of Southern Mississippi. Additional study, Bucknell University and University of Wyoming.

GLENN E. ENDRIS, Business Administration (1965)
B.S., B.S., and M.S., University of Southern Mississippi.

MARGARET FUHR, Nursing (1968)
B.S.N., University of Oregon.

KENNETH GILLIARD, Industrial Electricity (1965)
Electronics education and working via 11 years of military electronics. One year toward B.S. in T and I Education. Previously with US Ground Electronics Electronic Engineering Installation Aleney.

JOSEPH O. GOFORTH, JR., Developmental Reading (1965)
A.B., Syracuse University. M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi. Course work completed for doctorate.

M. ELAINE GRAVES, Business Education (1958)
B.S. and M.E., University of Southern Mississippi. Additional study, University of Southern Mississippi.

MERRELL H. GUESS, Drafting (1965)
B.S., Engineering, Mississippi State University.

HOLLIS H. HATTEN, Carpentry (1968)
Jefferson Davis Campus. Twenty-one years of experience.

GUY W. HAWKINS, Psychology (1966)
B.S. and M.S., University of Southern Mississippi.

A. D. HENDON, JR., Radio Broadcasting (1967)
B.S., University of Southern Mississippi.

MANUS E. HENEGAR, JR., Vocational-Technical Related Arts (1969)
B.S., University of Tennessee. Graduate study, University of Southern Mississippi.

LEILA D. JENNINGS, Mathematics (1969)
B.S., Madison College. M.S., Florida State University. Additional study, Florida State University.

BILLY W. JOHNSON, Welding and Metal Trades (1969)
Jones County Junior College. B.S., Mississippi State University. Three years experience as Millwright and Welder, Carpenter's Local 569.

MARGARET KINGMAN, Nursing (1960)
Diploma, Nursing, Loma Linda University. B.S. N.Ed., Columbia Union College. Additional study, University of Florida and West Virginia University.

JAMES M. KNIGHT, Chemistry and Biology (1969)
B.S., University of Southern Mississippi. Pre-doctoral work University of Southern Mississippi and Gulf Coast Research Laboratory.

LULA C. KROHN, Practical Nursing (1967)
R.N. Diploma. Touro Infirmary School of Nursing. B.A., University of Southwestern Louisiana.

KENNETH E. LADNER, Air Conditioning and Refrigeration (1967)
Perkinston Campus, Jefferson Davis Campus, Mississippi State University and 12 years practical experience.

JANIE LANGUIRAND, Chemistry and Physical Science (1969)
B.S., Belhaven College. M.S., University of Mississippi.

BETTY JUNE LEE, Business Education (1965)
B.S., Mississippi State College for Women. M.Ed., Mississippi State University. Additional study, University of Southern Mississippi.

OLA F. LENAZ, G.E.D. Chief Examiner (1968)
B.S. and M.Ed., University of Southern Mississippi.

WILLIAM P. LIPSCOMB, JR., Executive Dean (1953)
B.S., M.A., and Ed.D., University of Southern Mississippi. Graduate study, University of Texas.

LUCAS P. LISOTTA, Speech (1962)
B.A., Northeast Louisiana State College. M.A., Louisiana State University. Additional study, Louisiana State University.

QUINCY A. LONG, Biology (1965)
B.S. and M.S., University of Southern Mississippi.

BETTY P. MALONE, English (1965)
B.A., William Carey College. M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

HOWARD MALONE, Data Processing (1963)
B.S., University of Southern Mississippi. M.Ed., Mississippi State University. Additional study, Mississippi State University and IBM Corporation.

JAMES F. MATHIS, Art (1965)

B.S. and M.Ed., Mississippi College.

PAUL G. McKAY, Mathematics (1967)
A.A., East Central Junior College. B.S. and M.Ed., Mississipp State University.

EDGAR A. MIXON, Mathematics (1967)
B.A.E., University of Mississippi. M.A.E., Delta State College Additional study, University of Southern Mississippi.

DONALD E. MOORE, Speech (1969)
B.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

JOSEPH P. MORAN, Plumbing (1968)
Jefferson Davis Campus Vocational. U.S. Navy Class A Fitter pipe, Plumbers and Steamfitter Local 568.

JERRY C. MULLIN, Health and Physical Education (1967)
B.S. and M.Ed., University of Southern Mississippi. Additional study, University of Southern Mississippi.

THOMAS V. NOLAND, SR., Hotel-Motel-Restaurant (1966)
B.S., Hotel and Restaurant Management, Mississippi State University. Graduate work, Administrative Education, Oklahoma, Oklahoma State University.

LAMAR NORSWORTHY, Distribution and Marketing Technology (1967)
B.S. and M.S., Mississippi State University. Additional study, University of Southern Mississippi and Mississippi State University.

ADAM J. ORTIZ, Music (1969)
B.M.E. and M.M., University of Southern Mississippi.

H. WALTON PIGOTT, Biology (1966)
B.S., University of Southern Mississippi. M.N.S., Louisiana State University.

RUTH E. PORTER, English (1966)
B.S. and M.S., Mississippi College. Additional study, University of Mississippi and University of Southern Mississippi.

JANE REID, Practical Nursing (1967)
Diploma, University of Tennessee School of Nursing. Additional study, University of Mississippi.

DIANE SADLER, Nursing (1968)
B.S.N., Texas Woman's University.

JOHN SCARLETT, Mathematics (1966)
B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

CARLIE SCOFIELD, Director of Vocational-Technical Programs (1965
Air Conditioning and Refrigeration, Perkinston Campus. B.S
Mississippi State University.

CHARLES R. SHOWS, Social Studies (1965)
B.S. and M.A., University of Southern Mississippi. Additional study, University of Southern Mississippi.

ALMA E. SHULL, English (1968)
B.A., Union University. M.A., Memphis State University. Additional study, University of Southern Mississippi.

HERSCHEL J. SMITH, Trowel Trades (1968)
B.S., Alcorn A & M College. M.A., University of Minnesota. Additional study, Jackson State College, University of Southern Mississippi and Ohio State University.

ROBERT T. SMITH, Data Processing (1965)
A.S., Perkinston Campus. Additional study, Mississippi State University.

HARRY W. STAMPS, Social Studies (1962)
B.S. and M.S., Mississippi College. Additional study, Mississippi State University.

CLIFTON D. TAYLOR, Counselor (1965)
B.M.E. and M.M.E., University of Southern Mississippi.

WILLIAM E. THERRELL, Social Studies (1963)
B.S. and M.A., Mississippi State University.

MAX W. THORNTON, Vocational Guidance (1969)
B.S. and M.Ed., Mississippi State University. Additional study, University of Southern Mississippi.

WILLIAM S. THORNTON, Economics (1963)
B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi, University of Missouri. Doctoral study, University of Mississippi.

CATHERINE M. TREUSCH, Nursing
Diploma, Nursing, St. Francis Hospital, Pittsburg. B.S. N.Ed., Catholic University of America, Washington D.C. M.S.N., Wayne State University, Detroit, Michigan.

WILLIAM L. VIERLING, Director of Student Services (1965)
B.S. and M.A., University of Southern Mississippi. Additional study, University of Southern Mississippi, Mississippi College and Mississippi State University.

LOIS WALKER, Vocational Business (1969)
B.S., Central State College, Edmond, Oklahoma. M.S., Oklahoma State University. Additional study, Texas Tech and West Texas State University.

JOHN E. WALLACE, Social Studies (1966)
B.A., M.A. and Ph.D., University of Southern Mississippi.

LOUISE WARD, Assistant Librarian (1967)

B.S., Mississippi State College for Women. M.Ln., Emory University. Additional study, Louisiana State University.

BETTY JO WEATHERLY, Nursing (1969)
Diploma, Crawford W. Long Memorial Hospital School of Nursing. B.S.N., University of Mississippi.

FRED W. WEEMS, Health and Physical Education (1965)
B.S., William Carey College. M.Ed., University of Southern Mississippi. Course work completed for Doctorate.

OUIDA WHITE, Business Education (1966)
B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

PERKINSTON CAMPUS

SYDNEY E. ALEXANDER, English (1960)
B.S. and M.A., University of Southern Mississippi. Additional study, University of Southern Mississippi.

LEONARD E. AVERA, Saw Technology (1968)
Forty-five years experience.

NORINE RILEY BARNES, Home Economics (1968)
B.S. and M.S., University of Southern Mississippi.

CASSIE BATSON, Mathematics (1968)
B.A. and M.E., University of Southern Mississippi.

HENRY WENDELL BLACK, Social Studies (1969)
B.G.E., The Municipal University of Omaha. M.A., University of Southern Mississippi, with additional study.

WOODFIN BRELAND, Drafting (1959)
B.S., Mississippi State University. M.S., University of Southern Mississippi.

GERALD BUCHANAN, Librarian (1959)
B.A., William Carey College. M.S., University of Southern Mississippi. Additional study, Louisiana State and University of Southern Mississippi.

EUGENE CLEMENT, Music (1949)
B.M. and M.M., University of Southern Mississippi. Additional study at University of Southern Mississippi.

WALTER EMANUEL DAVIS, Ornamental Horticulture (1969)
B.S. and M.S., Mississippi State University. Ph.D., Ohio State University.

RANDLE DEDEAUX, Drafting (1949)
B.S., Louisiana State University. M.F., Duke University.

CLEM R. DELLENGER, Health and Physical Education (1966)
B.A., Tulane University. M.Ed., University of Southern Mississippi.

KENNETH FARRIS, Health and Physical Education (1962)
B.S. and M.E., University of Southern Mississippi.

ADDIE MAE FAUST, Science (1957)
B.S., Mississippi State College for Women.

K. P. FAUST, Science
B.S., Millsaps College. Additional study, University of Tennessee Medical School, University of Mississippi, University of Southern Mississippi.

WORD GUILD, Languages (1964)
B.A., Mississippi State College for Women. M.A., University of Southern Mississippi.

DOROTHY SHEENAN HALL, English (1968)
B.A., Mississippi State College for Women. M.Ed., University of Southern Mississippi.

LILLIAN A. HAYDEN, Developmental Reading (1962)
B.S., History and M.S., Psychology of Reading, University of Southern Mississippi. Additional study at Loyola University, N.O., and Florida Atlantic University.

NELLIE G. HENDERSON, English (1968)
B.S. and M.A., University of Southern Mississippi. Additional study, University of Southern Mississippi.

THOMAS E. HILBUN, Director of Student Services (1965)
B.A., Mississippi College. M.A., Mississippi State University.

LARRY IVEY, Health and Physical Education (1969)
B.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

SAM P. JONES, Band (1952)
B.S., Southeastern Louisiana College.

ANNA FAYE KELLEY, Business Education (1969)
B.S. and M.Ed., University of Southern Mississippi. Additional study, University of Southern Mississippi.

SAMUEL A. LEWIS, Social Studies (1964)
B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

HERSHEL WOODLEY LOTT, English (1960)
B.S., M.A., and Ph.D., University of Southern Mississippi. Additional study, Tulane University.

NELDA J. LOTT, English (1960)
B.S. and M.A., University of Southern Mississippi. Additional

study, University of Southern Mississippi.

JERRY McAFEE, Agriculture

B.S.A. and M.S.E., Arkansas State. Additional study, Louisiana State University.

KAY McINNIS, Business Education (1960)

B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

JOHN McQUAGGE, Recreation Director and Health (1964)

B.S. and M.S., University of Southern Mississippi. Additional study, University ot Southern Mississippi.

GUY D. MOFFETT, Science (1952)

B.S. and M.A., University of Southern Mississippi. Additional study, University of Texas and Bucknell College.

WINFRED MOFFETT, Industrial Arts (1951)

B.S., Mississippi State University. M.Ed., University of Southern Mississippi.

CHARLES G. ODOM, Executive Dean (1955)

B.S. and M.S., University of Southern Mississippi. Additional study, Mississippi State University and Louisiana State University.

LARRY O'NEAL, Mathematics (1967)

B.S. and M.Ed., Mississippi State University. Additional study, Mississippi State University and University of Southern Mississippi.

JOHN PACHEL, Auto Mechanics (1969)

Seven years experience.

CHESTER PRATT, Printing (Letterpress) (1969)

Forty-three years experience.

JOHN PUTNAM, Director of Finance (1968)

B.S. and M.S., University of Southern Mississippi.

MARGIE RABBY, Guidance Counselor (1966)

B.A., Louisiana College. M.Ed., University of Southern Mississippi.

HOMER RAINWATER, Science (1960)

B.S., Mississippi State University. M.S., Indiana University. Additional study, University of California at Los Angeles.

BARBARA ROSS, Health and Physical Education, (1960)

B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

DAVID SANSING, Social Studies (1960)

B.A. and M.A., Mississippi College. Ph.D., University of Southern Mississippi.

BILLY J. SCARBROUGH, Mathematics (1961)
B.S. and M.Ed., Mississippi State University. Additional study, Mississippi State University.

KATHRYN ANN SCHLEDWITZ, Speech (1969)
B.S. and M.S., University of Southern Mississippi.

GEORGE SEKUL, Coach (1961)
B.S., Business Administration and M.E., Education Administration, University of Southern Mississippi.

FRANK E. SPRING, Printing (Offset) (1968)
Twenty-two years experience.

CLYDE E. STRICKLAND, Science (1960)
B.S., M.S., M.E., and Ph.D., University of Southern Mississippi.

L. D. STRINGFELLOW, Mathematics and Dean of Men (1965)
B.S. and M.S., University of Southern Mississippi. Additional work, University of Southern Mississippi.

CHARLES L. SULLIVAN, Social Studies (1967)
B.S. and M.S., University of Southern Mississippi. (Leave of absence.)

WILLIAM SEDRIC THOMPSON, Business (1968)
B.S. and M.P.A., Mississippi State University.

BENNIE T. WARREN, Education and Psychology (1958)
B.S., William Carey College. M.R.E., New Orleans Baptist Theological Seminary. Additional study, University of Southern Mississippi.

ROBERT WAYNE WEATHERS, Health and Physical Education (1960)
B.S. and M.S., University of Southern Mississippi.

JAMES DAVID WITTMAN, Music (1969)
B.M. and M.M., University of Southern Mississippi.

Part I Purpose and Objectives

HISTORY

The history of Mississippi Gulf Coast Junior College began in 1911 with the establishment of Harrison County Agricultural High School located on land donated at Perkinston. In May 1916, Stone County was formed out of the northern end of Harrison County in which Perkinston is located and the two counties continued to operate the school jointly.

In the summer of 1925, the Jackson County School Board voted to join Harrison and Stone counties in the operation of a junior college. Junior college work was offered for the first time during the 1925-26 session, with an enrollment of 25 freshmen students.

The George County School Board voted to join Harrison, Stone and Jackson Counties in the operation of the junior college in the fall of 1941. In April 1942, the Board of Trustees recommended that the name of the institution be changed from Harrison-Stone-Jackson Agricultural High School and Junior College to Perkinston Junior College and the change became effective that July.

Perkinston discontinued operation of the high school division at the end of the 1961-62 session. In the same year, the Trustees approved a "master plan" calling for eventual expansion to two new campuses. These would be located nearer the centers of population on the Gulf Coast---one in Harrison County and one in Jackson County.

In May 1962, the Governor of Mississippi signed into law House Bill 597 creating the Mississippi Gulf Coast Junior College District. Perkinston continued to operate as part of this legal district and two additional campuses---ultra modern in design--were constructed.

Classes began on the new campuses in the fall of 1965. One of these---Jefferson Davis---is located at Debuys Road and Switzer Road about midway between Gulfport and Biloxi; the other---Jackson County---is located on Highway 90 at Gautier.

For several years both of these campuses and Perkinston were known as separate junior colleges though united under one central administration. In April 1969, acting upon the recommendation of an evaluation team of the Southern Association of Colleges and Schools, the Board of Trustees adopted the name of Mississippi Gulf Coast Junior College. The word "campus" now replaces the words "junior college" after the names of the branches of the college.

The Junior College Department of this institution has been fully accredited by the state since April 1927. The three campuses

in 1969 underwent a self-study and evaluation for re-accreditation by the Southern Association of Colleges and Schools.

PHILOSOPHY AND PURPOSE

Though many changes have taken place in this institution over the years, the basic purpose adopted long ago is still valid for today's multi-campus junior college system: ". . . to give as thorough preparation as possible for complete living . . . to educate as well as instruct, to form character as well as give information."

Mississippi Gulf Coast Junior College will continue to strive toward excellence in every phase as it attempts to provide the knowledge and truth needed universally by society.

Besides developing people of all ages for responsible leadership in a constantly challenging and highly complex society, the College seeks to assist the very youthful to make that maturing leap---intellectually, socially and culturally---between high school and career or further study.

OBJECTIVES

These campuses are dedicated to the premise that community colleges or junior colleges can accomplish the above purposes by doing the following:

A. Offering college-transfer programs consisting of courses leading to college degrees.
B. Providing terminal technical-vocational programs designed to prepare the student for immediate employment, with emphasis on serving community needs.
C. Serving adult education needs through varied courses and activities.
D. Promoting and encouraging educational and cultural activities in the community through the facilities and resources of the college.

The student at Mississippi Gulf Coast Junior College is able to further his education at a comparatively low cost. This is due in part to the three conveniently located campuses which enable many to live at home while they are full-time students and others to hold a job in their home community while earning college credits as part-time students.

Mississippi Gulf Coast Junior College is part of a statewide system of community junior colleges, an educational feature which the people of Mississippi helped pioneer.

Part II

Buildings, Grounds & Equipment

Mississippi Gulf Coast Junior College is in the process of developing master site plans for the campuses. These will be essential to carrying out a ten-year building program adopted by the board of trustees. Based upon projected student enrollment figures, the program is designed to provide the physical needs of the college for the foreseeable future.

New vocational-technical complexes were dedicated at both the Jackson County and Jefferson Davis campuses during the 1968-69 session and a combination academic-office building was dedicated at Perkinston. The opening of the 1969 fall session at Jackson County also saw the beginning of a new food facility and student center operation.

Several projects are currently on the architects' drawing boards. These include another academic building and men's and women's residence halls at Perkinston, physical education and health buildings at Jackson County and Jefferson Davis and a fine arts building at Perkinston.

Darby Hall at Perkinston is being renovated in order to provide adequate office space so that college central administration personnel may be consolidated in one building.

The college in the next decade is expected to invest an estimated $10 million in new construction. In doing so, it hopes to provide the most modern classroom and laboratory facilities--both academic and vocational-technical--and to furnish them with the most up-to-date equipment available.

JACKSON COUNTY CAMPUS

The location of this campus adjacent to a major four-lane highway–U.S. 90–at Gautier, some five miles west of Pascagoula, makes it easily accessible to the whole Coastal area. Good state and county roads connect with this trafic artery.

Bounding the highway for some 2,000 feet, the 138 acres of thinly wooded, rolling terrain extends northward toward Mary Walker Bayou, popular fishing area. A landing strip adequate for single-engine airplanes has been cleared in the eastern section. The air-conditioned building complex of modern design is situated 300 yards from the highway.

The four principal buildings constituting the physical plant of the Campus are of concrete construction, color engineered, fully air conditioned and connected in a continuous line by covered walkways.

BUILDING A, the main building on the campus is a single story, circular building, two hundred and forty feet in diameter and houses the administrative offices, faculty offices, general academic classrooms, science lecture halls and laboratories, business machine and language laboratories, television central control section, studio, broadcasting room, and the college library. All rooms are units in a closed TV circuit and local telephone system.

BUILDING B is one of two Vocational-Technical buildings. In this building are the classrooms and laboratories used by the Drafting and Design Technology Departments, the Mechanical Technology Departments, and the Machine Shop. The facilities in these rooms are of the latest design and equipment. Also located in this building is the central power plant furnishing heat, air conditioning, and water facilities to the campus complex.

BUILDING C, a two-story structure, is a circular building, slightly smaller in area than Building A. It contains the art and music classrooms, physical education shower and dressing rooms, the campus book store, faculty dining room, student grill, dining area and lounge.

A large, exterior, athletic area exists adjacent to this building, as well as a large, black top area offering parking facilities for all personnel.

BUILDING D, the main Vocational-Technical Building, is the newest and largest of the campus constructions. Located in this building are the Vocational-Technical administrative offices, Vocational-Technical library, offices, classrooms and laboratories used by the Electronics Technology, Electrical Technology, X-Ray Technology, Automotive Mechanics, Welding, Pipefitting, Sheetmetal, R.N. Nursing, and Practical Nursing curriculums. A large central Supply Receiving Room is also located in this building.

JEFFERSON DAVIS CAMPUS

This campus comprises 120 acres of land located about one and three-quarter miles north of U.S. Highway 90, about midway between Gulfport and Biloxi. The award-winning architectural design of the building complex features 16 structures laid out to form landscaped courts between them. Covered walks along the buildings not only provide sheltered passage but form a visual tie for the complex and carry utilities throughout the complex, including air-conditioning.

The buildings on the Jefferson Davis Campus are as follows:

BUILDING A - VOCATIONAL-TECHNICAL: Houses two large laboratories, a general classroom, and adequate storage rooms and office spaces for three instructors. Connecting to this building and the Business building is the Drafting and Mechanical Drawing Laboratory which includes a office and adequate storage room.

BUILDING B - BUSINESS: Houses six offices for instructors, Business Data Processing laboratory and equipment, Accounting room, Typing and secretarial procedures rooms, office machines' room and a general classroom.

BUILDING C - ADMINISTRATION: Houses facilities for handling student admission guidance activities, the registrar's function and campus finance. Offices include those of the Dean of the Campus, Director of Student Services, Director of Admission and Guidance, and secretaries.

BUILDING D - FINE ARTS: Houses a music department consisting of three studios, four practice rooms, a work room, storage rooms and a large multipurpose room for choir, orchestra or group meetings. Also in this complex is an art studio, office and storeroom. This studio can be used for art and ceramics and opens onto a large patio for outdoor instruction.

BUILDING E - NURSING: Houses six offices for instructors, a lecture room, and a Nursing laboratory.

BUILDING F - SCIENCE: Houses five offices for instructors, two large lecture rooms, Physics laboratory, Inorganic Chemistry laboratory, Organic Chemistry laboratory, General Biology laboratory, and a specialized Biology laboratory to accommodate Microbiology. Each laboratory adjoins spacious storerooms and preparation rooms.

BUILDING G - FACULTY OFFICES: Houses 22 offices for faculty members using the Academic building, a secretarial pool area, workroom, and faculty lounge.

BUILDING H - ACADEMIC: The building houses twelve general classrooms of varying sizes and a language laboratory fully equipped. Classrooms in this building are used interchangeably by the general education courses.

BUILDING I - LIBRARY: 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 librarian's offices plus a large workroom are adjacent. Five special study or listing rooms provide privacy for small groups. A reading laboratory, reading instructor's office, audio-visual pre-viewing room, and an audio-visual equipment room are also included.

BUILDING J - STUDENT CENTER: Provides facilities to accommodate student and faculty needs. Student lockers, bulletin boards, automatic food dispensers, telephones, lounging area for television and music listening plus dining area, food preparation and service area, office for manager, workrooms and storage, plus a bookstore, are all housed here. Opening onto the northside covered walkway are Student Council, Annual, Newspaper, and Conference rooms for student use.

BUILDING K - SERVICE BUILDING: Contains a central control room for air-conditioning and heating regulation plus office for Superintendent of Buildings and Grounds, storage room for receiving of incoming supplies plus the mechanical equipment room housing the heating and cooling equipment, the condensing unit, and water well storage tank.

BUILDING L - PHYSICAL EDUCATION: This building contains dressing rooms, showers for students, storage, equipment and offices for physical education instructors and is adjacent to a covered recreational area providing space for physical activities and calisthenics.

BUILDING M - REFRIGERATION AND AIR CONDITIONING AND PLUMBING: Contains two large laboratories, one for Refrigeration and Air Conditioning and the other for Plumbing. In addition there are planning rooms, instructor offices, storage and supply rooms and dressing rooms for students for both programs.

BUILDING N - CARPENTRY AND MORTAR TRADES: Contains two large laboratories, one for Carpentry and one for Mortar Trades. In addition there are planning rooms, instructor offices, storage and supply rooms and dressing rooms for students in both programs.

BUILDING O - INDUSTRIAL ELECTRICITY AND METAL TRADES: Contains two large laboratories, one for Industrial Electricity and the other for Metal Trades. In addition there are planning rooms, instructor offices, storage and supply rooms and dressing for students for both programs.

BUILDING P - ADMINISTRATION: This building houses the offices of the Director of Vocational-Technical programs and the Vocational Counselor. In addition it contains a large conference room, a Vocational Library, a technical laboratory for Radio Technology, five class rooms, shower room, storage facilities, and a faculty-student lounge area.

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 explore a wealth of off-campus cultural opportunities.

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

The principal buildings are identified as follows:

DEES HALL. This is a split-level multi-storied building completed in 1968. It houses a modern library, Perkinston administrative offices, conference rooms, a seminar room, ten classrooms and two teaching auditoriums. It is equipped with a complete dial retrieval system with both audio and video capabilities. It is completely air conditioned.

DENSON HALL, built in 1929, is a two-story brick structure housing the 700-capacity auditorium. The first floor contains business education department and other classrooms.

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 classrooms and faculty offices.

HINTON HALL is a modern fireproof structure specifically designed for science teaching. Built in 1959, it has no interior corridors; and access to all lecture rooms and laboratories is from a covered walkway around an open garden at the building's center.

HEIDELBERG HALL, constructed in 1959 houses the cafeteria and music facilities. The main floor of this single-story, three-level building is the cafeteria, which also includes a private dining room. Music facilities on two lower levels in an outer ring include band and

choir rehearsal rooms, classrooms, practice and teaching studios.

MEGEHEE BUILDING. This new structure, occupied in the spring of 1962, contains a living suite and bedrooms, a foods laboratory and a clothing laboratory.

WENTZELL CENTER, constructed in 1957, houses the campus bookstore, grill and postoffice, in addition to the main gymnasium with a seating capacity of 1,800.

THE ORIGINAL GYMNASIUM, one of the first in South Mississippi was constructed in 1929, and is now used for dances and other recreational activities in addition to the physical education program.

THE COLMER VOCATIONAL-TECHNICAL BUILDING, constructed in 1950, houses faculty offices, classrooms, laboratories, tool rooms, and work areas for carrying out vocational-technical training.

GREGORY CHAPEL was completed in 1947 and provides a place for all types of religious functions. It houses offices of the B.S.U., Wesley Foundation, and the Newman Club.

HARRISON HALL, a dormitory for women students, was constructed in 1938 and was renovated and refurnished in 1957.

FAHNESTOCK HALL, a two-story brick dormitory constructed in 1929, houses women on the upper floor and faculty on the lower floor.

GEORGE HALL is a two-story brick dormitory for male students constructed in 1947. This building houses approximately 100 students and includes two faculty apartments.

JACKSON HALL is a two-story brick dormitory for male students constructed in 1925 and completely renovated in 1956. The building houses approximately 55 students, and includes one faculty apartment.

STONE HALL is a two-story brick dormitory for male students constructed in 1915 and completely renovated in 1956. It houses approximately 55 students and includes one faculty apartment. The ground level accommodates the lithography classroom.

HUFF HALL is a two-story brick dormitory for male students. Constructed in 1911, this is the oldest building on the campus. It was partially renovated in 1952, and additional improvements were effected in 1956 and 1963. This building contains a faculty apartment and houses 55 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 with 220 straightway.

THE SWIMMING POOL, constructed in 1953, is seventy-five feet in length and provides dressing facilities for women and men.

THE APARTMENT DORMITORY is a brick two-story building, built in 1948, which furnishes living accommodations to faculty members. The Infirmary and nurse's apartment are located on the first floor of this building. The second floor houses female students.

FACULTY RESIDENCES include sixteen houses and three duplexes which are located on or adjacent to the campus.

Part III General Requirements

An awareness of procedures and policies is important to success in college. It is understood that by enrolling at Mississippi Gulf Coast Junior College, the student agrees to abide by the regulations as established in this catalog and other documents.

ADMISSION POLICIES

Under the "open door" policy, 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 the student. For additional information on admission requirements refer to the Director of Admissions or one of the counselors on the campus of the student's choice.

OUT-OF-STATE, FOREIGN STUDENTS

Because of the increasing number of students who apply for admission, the Admissions Committee has found it necessary to adopt the following policies:

1. Students may transfer to MGCJC from out-of-state colleges only if they are residents of Harrison, Stone, Jackson or George counties and meet academic requirements.
2. Out-of-state residents who apply to become freshmen at Mississippi Gulf Coast must present a standard composite score of not less than 15 on the American College Test, plus an acceptable high school transcript.
3. The college will accept a limited number of out-of-country students who have sufficient knowledge of the English language to engage in college studies and can satisfy other academic requirements.
4. Even though out-of-state residents may meet the above requirements, the number accepted at Perkinston, the dormitory campus, will be determined by demand for living space for students residing in the four supporting counties.
5. The above policies may be waived for students offered scholarships.

COLLEGE LEVEL COURSES

The experience of students at this college and others has been that those making a composite score of 15 or above on the American College Test have the best chance of success in a college transfer curriculum or college technical curriculum, those making below 15 have a poorer chance. Based on these facts, the following admission policies have been established:

1. An applicant for admission to the freshman class on any campus must be a graduate of an accredited high school with at least 15 units of work in college preparatory subjects.
2. An applicant who has not completed high school may be accepted if he makes satisfactory scores on the General Educational Development Test (GED).
3. A student making a standard score of less than 15 on the English Section of the ACT is required to take English 090 and Reading 090, and those earning less than 15 on the Mathematics Section, must take Math 090. These courses are part of the Guided Studies Program and are discussed in more detail under that heading under Part IV, Section B, Core Curriculum.

TECHNICAL PROGRAMS

Requirements for new students seeking admission to technical programs are the same as for college-level programs.

VOCATIONAL COURSES

Vocational program requirements are:

1. An applicant under 18 years of age should be a high school graduate (a student must be 18 years old to enroll in a Manpower vocational program.).
2. No ACT score is required. An applicant may be required to take a vocational aptitude test to determine admission to a specific vocational program.

ADMISSION PROCEDURES

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 can be granted and college work begun.

1. The applicant should submit an application for admission along with the following:
   a. A small photograph of the applicant.
   b. A medical report signed by the examining physician.
   c. A $10.00 application fee. (A new application form and $10.00 must be submitted each semester.)
2. The campus Director of Admissions should receive official transcript or transcripts showing all high school and/or college work completed.
3. Receipt by the Director of Admissions of the results of the American College Test taken by the applicant. (Prospective students should take this test when it is offered during the senior year of high school. It is also offered each summer on each campus.)
4. The applicant must have a personal interview with the campus dean or Director of Student Services. A new student also must participate in one day of pre-registration orientation on his respective campus. He will be notified of the date. Students are not officially accepted until the above admission procedures are satisfactorily completed.

IRREGULAR STUDENTS

A person over 21 years of age and of good moral character, who is unable to meet academic requirements of the college but desires special training in certain courses, may be accepted as an irregular student. Such a student, however, may not receive college credit for the work he does.

REGULAR AND SPECIAL STUDENTS

A regular student is required to take courses earning a total of at least twelve semester hours of credit.

When a regular student drops below twelve semester hours, he automatically becomes a special student. If this occurs during the first six weeks of the first semester, a special student tuition fee of $14.00 per semester hour is charged in lieu of the matriculation fee. If the student is living in a dormitory at Perkinston, he has to leave the dormitory, continuing his studies as a day student.

Conditions may occasionally make it advisable to permit an entering student to take less than twelve hours of work. An applicant admitted as a special student does not have to take the ACT.

ACADEMIC LOAD

A normal class load consists of sixteen semester hours. A student may not take more than nineteen hours without permission from his Dean, except where his curriculum indicates otherwise.

TRANSFER STUDENTS

As noted previously, a student who is a legal resident of Harrison, Stone, Jackson, or George counties may transfer to MGCJC from another college. The applicant must present ACT scores, high school and college transcripts and have a personal interview with the Director of Admissions.

Any student on suspension from another institution cannot be admitted by Mississippi Gulf Coast 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 no established policy for re-admission, the rules of Mississippi Gulf Coast will apply.

POLICY OF PROBATION AND SUSPENSION

The following policy applies to full-time students of the college:

1. A student failing to earn twelve semester hours and 24 quality points in a semester is placed on probation for the next semester in which enrolled. Should he fail to meet requirements again during the probationary period, he will be suspended for one semester. (If he can enroll in the summer session and earn credits needed, he may avoid suspension.)
2. A student suspended for one semester for the above reason may apply for readmission at the end of this period. If approved by the Admissions Committee, he will be admitted on probation for one semester. Should he fail to earn twelve semester hours and 24 quality points during this probationary period, he will be asked to withdraw and may not apply for admission again for two regular semesters. Any student being readmitted a third time and failing to meet academic requirements is asked to withdraw and may not reapply to the college.

CLASS ATTENDANCE

There are two main groups of classes: those that meet on Monday, Wednesday and Friday, and those meeting Tuesday and Thursday.

Regular attendance is required at all lectures and laboratory

periods and an accurate record of each student's attendance is kept by the instructor. Students are expected to be on time.

One absence is allowed for each semester hour of credit earned in a subject. If, in the instructor's judgement, a student's absences are excessive and unwarranted, he may notify the Director of Student Services and the student may be dropped from the class.

In order to receive credit for a course, a minimum of two-thirds of the class sessions must be attended each semester.

WITHDRAWAL PROCEDURE

After being formally admitted, a student may withdraw without damaging his record by taking the following steps: 1) Obtain a withdrawal form from the Director of Student Services, 2) Secure the required signatures, 3) Return the form to the campus business office. If this procedure is not followed, the student will receive a failing grade of "F" in all his courses and his permanent record will be marked "withdrawn without permission or explanation."

GUIDANCE SERVICES

The basic objective of the guidance and counseling services of the college is to assist the student to achieve the maximum development of his individual abilities. This is pursued in the following ways:

1. Pre-registration counseling is given fall students. (Prospective students make scheduled one-day visits to their respective campus during which each is interviewed by the Director of Student Services and guidance counselor. Using ACT scores as a guide, they assist students in preparing schedules of fall classes.

2. At the opening of each semester, brief orientation programs are given for new students. They are presented in the Student Handbook outlining specific college and campus regulations and policies. In subsequent sessions, students may be instructed in college community living by the Directors of Student Services and others.

3. A faculty member is assigned each student to advise him with respect to his academic program and progress. In addition to advising specific students, members of the faculty are available for consultation with any student when it is mutually convenient.

4. Personal counseling. The Director of Student Services and guidance counselor will give particular care and attention to counseling students in such matters as fields of study, vocational choices and student problems.

GRADES

At mid-semester (end of the first term or nine-weeks) and at the end of the semester, the academic standing of each student in his courses is reported by the instructors. Copies of the grades are mailed to parents or guardians at mid-semester and at the end of the semester. Mid-semester grades allow the student to evaluate his 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 – Representing superior or outstanding achievement in the regularly prescribed work.

B – Above average achievement in the prescribed work.

C – Average level of achievement.

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

F – Failure. This may represent the failure to do the regularly prescribed work; withdrawal from a course without permission; or withdrawal from a course while failing, after the deadline for withdrawing.

I – Incomplete, meaning the prescribed work was not finished at the end of the semester. (If the work is completed later, this grade may be raised to any other grade by the instructor. An "I" will become an "F" if the work is not completed during the student's next semester.

W – Withdrawn, indicating the student officially withdrew after the deadline for withdrawing, but was not failing when he did so.

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
B . . . . . 3 quality points
C . . . . . 2 quality points
D . . . . . 1 quality point
F . . . . . 0 quality points

If a student fails to earn quality points in a course, he may repeat the course in order to improve his grade and earn quality points.

A transfer student's quality points will be computed on the grades he transfers to MGCJC.

Quality point averages are determined by totalling 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.

HONOR ROLL

At mid-semester and the end of each semester, a President's List and Dean's List will be published based upon the student's academic standings. The respective college officers write commendatory letters to students on these lists.

President's List students must maintain an "A" average on 16 semester hours of work. Dean's List students must maintain a "B" average on 16 semester hours of work, with no grade less than a "C".

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 an area which he has designated as his major.

COMPLIANCE POLICY

In compliance with Title V of the Civil Rights Act of 1964, the Board of Trustees of Mississippi Gulf Coast Junior College has adopted a policy assuring that no one shall, on the ground of race, color or national origin, be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination in, any program or activity of the college.

Part IV Financial Information

A. EXPENSES

Tuition and fees are the same at the three college campuses. At Perkinston (the only 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 costs summarized as follows.

Prospective students should remember there are a number of nominal miscellaneous fees (listed in catalog) that may be charged, and also that they purchase their own textbooks which are available through the College Bookstores.

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 Perkinston.

CATEGORY I

(Residents of Harrison, Stone, Jackson and George counties whose tax monies help support the college.)

Costs	First Semester	Second Semester
Tuition	None	None
Application Fee (payable in advance	$ 10.00	$ 10.00
Matriculation Fee (payable at registration)	115.00	115.00
Activity Fee (payable at registration)	2.00	2.00
Maintenance Fee (payable monthly)	None	None
	$127.00	$127.00

CATEGORY II

(Residents of counties in Mississippi, outside the College District that provide tax support to a junior college. This includes all counties except Wilkinson and Adams.)

Costs	First Semester	Second Semester
Tuition	None	None
Application Fee (payable in advance)	$ 10.00	$ 10.00
Matriculation Fee (payable at registration)	115.00	115.00
Activity Fee (payable at registration)	2.00	2.00
Maintenance Fee (payable monthly)	45.00	45.00
	$172.00	$172.00

CATEGORY III

(Residents of counties in Mississippi paying no taxes to a junior college. These include Wilkinson and Adams.)

Costs	First Semester	Second Semester
Tuition	None	None
Application Fee (payable in advance)	$ 10.00	$ 10.00
Matriculation Fee (payable at registration)	115.00	115.00
Activity Fee (payable at registration)	2.00	2.00
Maintenance Fee (payable monthly)	90.00	90.00
	$217.00	$217.00

CATEGORY IV

(Out-of-state residents. This means students whose parents or guardians have not resided in the state for twelve months, thereby qualifying as legal Mississippi residents.)

Costs	First Semester	Second Semester
Tuition (payable at registration)	$200.00	$200.00
Application Fee (payable in advance)	10.00	10.00
Matriculation Fee (payable at registration)	115.00	115.00
Activity Fee (payable at registration	2.00	2.00
Maintenance Fee (payable monthly)	None	None
	$327.00	$327.00

**Special Note: Members of military services and/or their dependents who become full-time students of the College while on extended active duty in Mississippi, are not charged out-of-state tuition, regardless of their legal residence. Evidence of military status from the military base must be presented.

CATEGORY V

(Expenses described above are for full-time – those taking 12 or more semester hours of work – day students. Dormitory students at Perkinston pay the same costs as day students in the above categories, plus room rent and meals which must be taken in the campus cafeteria.)

Meal tickets cost $34.00 and provide three meals a day, seven days a week for four weeks. They MUST be purchased in advance on dates designated in the college calendar. Students planning to leave Perkinston at the end of a semester may not avoid the expenses for the final two weeks by failing to buy the meal tickets or by leaving the campus unofficially.

Dormitory rooms range from $54.00 to $90.00 per semester. Students applying by April 1 to enroll for the fall session may chose dormitory rooms on a space available basis; after that date rooms will be assigned.

DORMITORY ROOM RENT PER SEMESTER

Huff Hall	$54.00	George Hall	$63.00
Jackson Hall	54.00	Harrison Hall	72.00
Stone Hall	54.00	New Girls Dorm	90.00
Fahnestock Hall	54.00	Owen Hall	90.00
Singing River Hospital Nursing Dorm			54.00

Room rent is payable in advance for each semester.

BOARDING STUDENTS

Dormitory students should plan on bringing or securing soon after arrival the following items:

1 Mattress cover (may be purchased at Student Personnel office)
2 Pillow cases
2 Bedspreads
Evening dress for girls
4 Sheets for single bed
1 Pillow
2 Pairs window curtains (length 2 yards finished)
1 Drinking glass
Toilet articles
1 Laundry bag
Towels
Coat hangers
2 Blankets
Students should bring table lamps from home

CATEGORY VI

(Special students. Any student taking less than twelve (12) semester hours of work is charged a tuition fee of $14.00 per semester hour in lieu of the regular matriculation fee.) Day students are charged an additional $2.00 activity fee.

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

If a dormitory student becomes a special student, he must move out and continue his studies as a day student.

This fee also applies to military servicemen and/or their dependents.

CATEGORY VII

(Evening College students. The cost of courses offered in the Evening College Division of the College is $14.00 per semester hour.)

This fee also applies to military servicemen and/or their dependents.

CATEGORY VIII

(Vocational-Technical students. Those taking part-time vocational courses pay a special fee of $10.00 per course. Where applicable, laboratory fees may be charged.)

THE BOARD OF TRUSTEES OF THE COLLEGE RESERVES THE RIGHT TO ADJUST ANY AND ALL FEES AS IT DEEMS NECESSARY.

EXPLANATION OF FEES

MATRICULATION - entitles a student to the following: (1) to attend athletic events on campus without charge; (2) to receive the student newspaper and college yearbook (when paid for both semesters); (3) to receive first aid and treatment for minor ills in the campus infirmary; (4) to attend lyceum programs; (5) to use science laboratories and equipment in scheduled courses; (6) to receive private music lessons and use instruments and practice facilities required in their curriculum; and to participate in other student activities supported by these fees.

MAINTENANCE - pays for lights, heat, water and upkeep of the college plant used for non-boarding purposes by students whose

parents reside outside the college district.

OUT-OF-STATE TUITION - helps pay instructional, administrative and other operating expenses of the college.

MISCELLANEOUS FEES

MEDICAL INSURANCE - It is recommended that students be covered by medical and hospitalization insurance. If a student is not covered, he may enroll in the Student Health Program, a group plan made available through the college. Parents or guardians of a student sign a waiver that protects college representatives from responsibility for the expenses of emergency medical or hospital services that may be required by a student.

*Note: The college attempts to select a group insurance plan that will offer comprehensive coverage at a reasonable cost.

GYM SUITS - Physical education students must wear gym suits in class. Appropriate suits are available through the college at a nominal cost.

TRANSCRIPTS OF CREDIT - One official transcript of credit is furnished a student free and a fee of $1.00 is charged for each additional transcript.

GRADUATION FEES - These include costs of caps, gowns and diplomas, and are payable during the semester before graduation. They are dependent upon current prices.

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 may take a residual test for a fee of $8.00.

LATE REGISTRATION FEE - This fee of $5.00 is charged any student registering late – after Wednesday, September 9 for the first semester and after Wednesday, January 27 for the second semester.

LATE APPLICATION FEE - This fee of $5.00 is charged any student applying for admission after August 7 for the first semester and after January 20 for the second semester.

CHANGE OF PROGRAM FEE - This fee of $5.00 is charged for adding or exchanging courses, or transferring from one section to another unless requested by the administration, after the deadline. (See college calendar.)

DORMITORY ROOM KEY DEPOSIT - This fee of $1.00 is refunded when a student gives up his 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 avail-

able) at a cost of $50.00 per semester for one half-hour, and $90.00 per semester for two half-hour lessons per week.

REFUND POLICY

Application Fee. . . . . .Not Refundable
Activity Fee. . . . . .Not Refundable
Matriculation and/or Tuition Fees:

60 percent refunded if applied for during first two weeks.
40 percent refunded if applied for during third and fourth weeks.
20 percent refunded if applied for during fifth and sixth weeks.
No refund after the sixth week.

Room Rent is not refundable after the semester begins.
Cost of Meals is refundable up to the unused balance of cost if applied for during the first four months of semester.

*Note: To be eligible for a refund of any of the above fees, a student must request refund at the time he officially withdraws.

**Note: Tuition and other fees, except the application and activity fees, paid to the college by veterans or war orphans, are refundable if requested by the student at the time of his withdrawal. The total fees paid, excluding the application and activity fees, is divided by the number of weeks in the semester and the refund pro rated for the number of weeks the student did not attend classes.

B: STUDENT AID: SCHOLARSHIPS & EMPLOYMENT OPPORTUNITIES

Whenever possible the college employs students to assist in the library, drive buses, work in the cafeteria and perform clerical and secretarial tasks. Students from Stone, Harrison, Jackson and George counties are given priority to work, but an effort is made to provide assistance to all students who need help in meeting college expenses.

The college administrators feel that they have the right to expect the following considerations from student employees: (1) that they give proper attention to their work: (2) that they do satisfactory class work, and (3) that students accept the job for a whole semester and not ask to be relieved without good cause.

The American College Test Family Financial Statement should be completed and submitted with a student's application for a scholarship. Forms may be obtained from high school counselors or by writing the Director of Student Services of the campus where the student is applying (College Scholarship Service Parents Confidential Statement also is acceptable.)

Student work scholarships range from $25.00 to $85.00 per month.

Some band and choir scholarships are available and a number of athletic scholarships are awarded to those who excel in sports.

Many civic and other organizations sponsor scholarships for students. Some of these organizations are Pascagoula Kiwanis Club; Wiggins Kiwanis Club; Biloxi Pilot Club; Wiggins, Biloxi and Gulfport P.T.A.'s; Susie Cooley scholarships given by the local chapter of Phi Theta Kappa; local chapter of Circle K; Crown-Zellerback Corporation; Gulfport Civitan Club; and Mississippi Gulf Coast Junior College Alumni Association.

Other work scholarships are offered through Singing River Hospital, Pascagoula, and also the Becky Bacot Nursing Education Scholarship offered at Singing River Hospital (application should be made to the Director of Nursing Education, Mississippi Gulf Coast Junior College, Jackson County Campus, Gautier, Mississippi 39553).

The campus Directors of Student Services can supply the latest information on scholarships available for the 1970-71 session.

Part V Student Life and Activities

Each campus offers its student body extra-curricular activities designed to supplement and enrich academic pursuits. Campus organizations and activities are sponsored by members of the faculty or administrative staff appointed by the deans and president.

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

STUDENT COUNCILS

Students have the responsibility to take an active part in the Student Council on each campus, by helping them in the accomplishment of their objectives.

Comprised of elected representatives from each class and division of the college, these democratic bodies, through executive, legislative and judicial functions, are the voice of the students in helping to determine the success of the college.

Four faculty members on each campus serve as an advisory committee to these councils. The Student Councils plan wholesome recreational and social activities for the students, encourage student discussion of campus problems, present helpful recommendations to the faculty and administration, and generally act 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.

CENTRAL STUDENT COUNCIL

The College or Central Student Council is comprised of the students making up the councils on each of the campuses. The purpose of this body is to promote unity among the sister campuses, promote school spirit and plan college activities.

PUBLICATIONS

Student Newspapers. Published monthly by students on each campus, they are The Gulf Coast Communique at Jackson County, The Mississippi Sound at Jefferson Davis, and the Bulldog Barks at Perkinston.

Literary Magazines. Published each spring on each campus, these contain original material submitted by the students.

College Yearbook. The Gulf Trident, primarily a pictorial review of the year's events, combines a section on the College central administration with sections for each of the campuses. The campus material is compiled and edited by students under the supervision of a faculty member.

MISS GULF COAST JUNIOR COLLEGE

An annual beauty pageant is conducted and a panel of disinterested judges selects one girl student to represent the college in the Miss Mississippi Pageant. Prior to the college-wide contest, each campus conducts a similar program and selects five students on the basis of beauty, poise and talent who become contestants for the college title.

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, personality and responsibleness.

Example of how selection is made:

Enrollment: 620 full-time students

Number of students each faculty member nominates: 6

A number of students equal to twice the number finally to be chosen (in this case 12) receiving the highest number of votes are in the final competition. Final selection is made during a faculty meeting.

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 the *Who's Who Among American Junior Colleges.*

ORGANIZATIONS AND CLUBS

The following have proved to be the more consistently active groups on the campuses, based upon the students interest in belonging to them and the ability to secure an adult sponsor. They are not all formed every year on every campus.

Phi Theta Kappa. A national junior college honorary fraternity stressing scholarship and leadership, it has chapters on each campus.

Phi Beta Lambda. A national business education fraternity has chapters on each campus.

Circle K Club. A civic and service organization for men students, jointly sponsored by the college 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 organization.

Beam and Balance (Pre-Law Club). A place for pre-law students to get an appreciation of what it means to be a lawyer.

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

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

A few organizations are active on only one campus such as the Music Club, Home Economics Club and Agriculture Club at Perkinston; Dramatics Club at Jefferson Davis and the Bridge and Chess Club and Samothrace Club at Jackson County.

Students also may form organizations based upon religious faiths, such as Baptist Student Union, Newman Club (for Catholics), Canterbury Club (Episcopalian students), Westminister Fellowship (Presbyterian students), Wesley Foundation (Methodists). These are intended to enrich the spiritual life of the student, afford an opportunity for discussion and to be a channel of service to others.

MUSIC

Every campus has its musical activity. At Perkinston campus, there is a 75-member marching band and orchestra and the girls parade unit, the Perkettes; the college choir with its smaller vocal ensembles, and new in the 1968-69 session was the revival of the 15-member stage band. Both Jefferson Davis and Jackson County have choral groups and smaller vocal ensembles with instrumental accompaniment.

ATHLETICS

Mississippi Gulf Coast Junior College is fortunate in having a highly successful inter-collegiate 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 Junior College Athletic Conference in football, basketball and baseball and have won a host of honors in recent years.

Intra-mural athletic contests are held under the supervision of the physical education instructors by teams representing the three campuses with games being conducted in the afternoon. These events provide exercise and fun while building teamwork and character.

STUDENT CENTERS

These are popular spots 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, purchase food in the cafeteria or grill and purchase books and class supplies in the bookstore.

The dormitory campus at Perkinston has other recreational facilities including a 75-foot long swimming pool with dressing rooms for men and women, and the Attic, located on the second floor of the Smith Building where pool, snooker, table tennis, card games, etc., are available.

CONDUCT AND DISCIPLINE

Mississippi Gulf Coast Junior College expects its students to act responsibly and conduct themselves with dignity as young 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.

Specific regulations governing student conduct are printed in the Student Handbook for each campus, a copy of which is provided each entering student.

Problems involving student behavior are referred to the Discipline Committee for appropriate action. This committee is comprised of faculty, administrators and the president of the student council on each campus.

RIGHT OF APPEAL

A student has the right to appeal for a hearing concerning disciplinary action taken against him by the Discipline Committee. This appeal should follow the following order: (a) Discipline Committee (b) Executive Dean (c) College President and (d) Board of Trustees

Part VI Instructional Program

ADVANTAGES OF GRADUATION

The advantages of graduation from a junior college are too numerous to list here in their entirety. 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 junior college graduate:

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

REQUIREMENTS FOR GRADUATION

Mississippi Gulf Coast Junior College graduates students who have successfully completed the requirements for the Associate of Arts Degree, the Associate of Science Degree or the Diploma. In order to enable a student to meet curriculum requirements at a senior institution, his Dean may permit the substitution of a subject.

ASSOCIATE OF ARTS DEGREE: For specific course requirements see Suggested Programs of Study, Groups I and III.

ASSOCIATE OF SCIENCE DEGREE: For specific course requirements see Suggested Curricula, Groups I, II, IV, V and VI.

DIPLOMA: No specific course requirements. A minimum of 64 semester hours, which must include one of the following combinations: ENG 090 and 100, ENG 100 and 101, ENG 090 and RT 100, ENG 100 and RT 101, or RT 100 and RT 101. The total semester hours accumulated toward graduation with a Diploma may also include up to four in physical education, four in band and four in choir.

GENERAL GRADUATION REQUIREMENTS

General graduation requirements apply to all three plans of graduation. These requirements include earning a minimum 64 semester hours with a quality point average of at least 2.0 for each semester hour attempted, and four semester hours of physical education. (Under certain conditions, other work may be substituted for P.E., provided the Dean grants approval in advance and the student signs a substitution of course form.)

CERTIFICATES OF COMPLETION

Terminal students in an academic program of less than two years duration, or a vocational program not followed for college credit, will be awarded a certificate for the specific program upon successful completion.

NUMBERING OF COURSES

Courses of study are identified by name and number. Those numbered from 100 to 199 are considered freshman courses and those from 200 to 299, sophomore courses. A student who has earned less than 24 semester hours is designated a freshman; one having 24 or more hours and 48 quality points is considered a sophomore. As a general rule, a student should choose courses in accordance with his class designation.

DEVELOPMENTAL STUDIES

Before a student is admitted to any curriculum he must have an interview with one of the college counselors to evaluate his potential for success in the curriculum of his choice. If there is evidence of the lack of readiness for a specific curriculum, the student will be assigned to the indicated development courses or courses.

The Developmental Studies Program serves the student whose level of achievement at the time of admission to the college indicates a low probability of success in curriculum courses. The program consists of classroom instruction as well as individualized study under the guidance of the instructor.

Satisfactory completion of the developmental program is required before the student will be allowed to enter his original choice of program. If a student is unable to complete the required developmental work, he is encouraged to reevaluate his educational and occupational goals.

Each developmental course, for scheduling and tuition purposes, is equivalent to a three semester hour course. These hours of credit will count toward graduation from the college. They will not be counted among the 64 academic hours required for graduation with either the Bachelor of Arts or Bachelor of Science Curricula. Likewise, they are not considered credits that will be accepted for transfer to a senior institution.

CURRENT DEVELOPMENTAL COURSES

English - 090 Developmental English. This course is designed to enable the student to improve his basic English skills. Emphasis is placed on individual improvement in writing, grammar, spelling and vocabulary.

Mathematics - 090 Developmental Mathematics. This course is designed to enable the student to improve his basic mathematical skills and understanding. Topics include those usually covered in high school algebra.

Reading - 090 Developmental Reading. This course is designed to enable the student to improve his basic reading skills.

CHOOSING A CURRICULUM

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

1. University parallel curriculums 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 and technical curriculums to prepare persons for employment or advancement within respective areas.
3. Enrichment and/or technical courses given on a non-credit basis to enable an adult student to become more effective in use of his leisure time or to increase his occupational efficiency.

The above programs are offered at the Jackson County and Jefferson Davis campuses in both day and evening divisions, with the exception of certain non-credit courses that are usually developed by request of adult students. Only daytime classes are available on the Perkinston Campus.

ACADEMIC CURRICULA

The academic study programs are designed to meet the needs of a student who expects to transfer to a four-year college or university

after graduating from Mississippi Gulf Coast Junior College.

The requirements of the college parallel programs are flexible. A student should consult the catalog of the particular senior institution he plans to attend or consult the registrar of the senior institution for assistance in planning the work to be done at Mississippi Gulf Coast Junior College.

The following course groupings and sequences are those normally recommended by counselors. These programs meet not only MGCJC graduation requirements but most, if not all, normal transfer pre requisites.

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

Group I B.A. Preparatory Curriculum

This group is designed for the student who is planning to complete requirements for a B.A. Degree; or to study Law, Journalism or Languages; or who is as yet undecided on his future career.

The student in this group should consult his faculty advisor to adjust the courses pursued in order to meet his special curriculum needs.

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
FRE 100, 101	French or			
SPA 102, 103	Spanish	3		3
MAT 101 or 2-3	Mathematics	3		3
HIS 102, 103	History	3		3
GOV 100	Government	3	or	3
SPE 102	Speech	3	or	3
PED	Physical Education	1		1
SOPHOMORE YEAR				
ENG 200, 201	English	3		3
FRE 200, 201	French or			
SPA 202, 203	Spanish	3		3
CHE 104, 105	Chemistry or			
BIO 100, 101	Biology	4		4
ECO 209	Economics	3	or	3
PSY 200	Psychology	3	or	3
	Electives	3		3
PED	Physical Education	1		1

Group I B.S. Preparatory Curriculum

This alternate core curriculum is designed for the student who is planning to complete the requirements for a Bachelor's degree which does not require a foreign language.

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
BIO 100, 101	Biology	4		4
HIS 102, 103	History	3		3
GOV 100	Government	3	or	3
MAT 100	Mathematics	3	or	3
ART 105	Art or			
MUS 104	Music Appreciation or			
SPE 107	Speech	3	or	3
PED	Physical Education	1		1
SOPHOMORE YEAR				
ENG 200, 201	English	3		3
ECO 209	Economics	3	or	3
PHI 101	Philosophy or			
GHY 104	Geography	3	or	3
PSY 200	Psychology	3	or	3
SOC 202	Sociology	3	or	3
SPE 102	Speech	3	or	3
	Electives*	9	or	9
PED	Physical Education	1		1

*Students entering with a low ACT score could use this for 090 courses and still satisfy the General Core Requirements. Students not required to take 090 courses may elect any other courses for which prerequisites can be met.

Group II
Business & Office Administration

The Business and Office Administration curriculum group is designed to give nine-month, twelve-month, and two-year terminal programs in Secretarial Science; two-year terminal programs are also offered in General Business and Accounting and Medical Secretarial Training.

For non-terminal students who plan to secure a degree in Business at a senior institution, the Junior College Business Bachelor of Science Degree Preparatory curriculum will prepare business majors in such fields as the following: Accounting and Auditing; Business Administration; Economics; Marketing; Office Management; Personnel Management; Institutional and Industrial Management; Hospital

Management; Hotel Management; Banking; Life Insurance; Property and Casualty Insurance; or Public Administration.

Finally, the Junior College Business Education curriculum offers the freshman and sophomore courses normally required by a senior institution for the Bachelor's Degree in Business Education.

SECRETARIAL SCIENCE - Nine-Month Terminal

		SEMESTER HOURS	
		First	Second
FRESHMAN YEAR		Semester	Semester
ENG 100, 101	English	3	3
COM 100, 101	Shorthand	3	3
COM 104 or 105, 105 or 203	Typewriting	3	3
MAT 110	Mathematics	3	
COM 206	Office Machines	3	
COM 102	Filing		2
COM 205	Secretarial Procedures		3
COM 216	Business Writing		3
PED	Physical Education	1	1

SECRETARIAL SCIENCE - Twelve-Month Terminal

		SEMESTER HOURS	
		First	Second
FRESHMAN YEAR		Semester	Semester
ENG 100, 101	English	3	3
ACC 207	Accounting	4	
COM 206	Office Machines	3	
COM 100, 101	Shorthand	3	3
COM 104 or 105, 105 or 203	Typewriting	3	3
COM 102	Filing		2
COM 205	Secretarial Procedures		3
COM 216	Business Writing		3
PED	Physical Education	1	1
SUMMER SESSION			
COM 200, 201	Shorthand	6	
MAT 110	Mathematics	3	
COM 203 or 204	Typewriting	3	

SECRETARIAL SCIENCE - Two-Year Terminal

		SEMESTER HOURS	
		First	Second
FRESHMAN YEAR		Semester	Semester
ENG 100, 101	English	3	3
COM 100, 101	Shorthand	3	3
COM 104 or 105, 105 or 203	Typewriting	3	3
MAT 110	Mathematics	3	
GOV 100	Government	3	
COM 206	Office Machines		3
BAD 107	Introduction to Business		3
PED	Physical Education	1	1

SOPHOMORE YEAR			
ACC 207, 208	Accounting	4	4
COM 203	Typewriting or		
ECO 209	Economics	3	
COM 200, 201	Shorthand	3	3
BLA 211	Business Law	3	
COM 216	Business Writing	3	
COM 204	Typewriting		3
COM 205	Secretarial Procedures		3
COM 102	Filing		2
SPE 102	Speech		3
PED	Physical Education	1	1

MEDICAL SECRETARIAL TRAINING - Two-Year Terminal

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
ENG 100, 101	English	3	3
COM 100, 101	Shorthand	3	3
BIO 100, 101	Biology	4	4
HTH 104	Health	3	
COM 104 or 105, 105 or 203	Typewriting	3	3
COM 216	Business Writing		3
PED	Physical Education	1	1
SOPHOMORE YEAR			
ACC 207, 208	Accounting	4	4
COM 203	Typewriting or		
ECO 209	Economics	3	
SPE 102	Speech	3	
COM 200, 201	Shorthand	3	3
BIO 202, 203	Anatomy and Physiology	3	3
COM 206	Office Machines	3	3
COM 204	Typewriting		3
COM 205	Secretarial Procedures		3
COM 102	Filing		2
PED	Physical Education	1	1

GENERAL BUSINESS AND ACCOUNTING - Two-Year Terminal

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
ENG 100, 101	English	3	3
MAT 110	Mathematics	3	
ACC 207, 208	Accounting	4	4
COM 104 or 105	Typewriting	3	
BAD 107	Introduction to Business	3	
GOV 100	Government		3
COM 216	Business Writing		3
BAD 214	Principles of Management		3
PED	Physical Education	1	1

SOPHOMORE YEAR				
SPE 102	Speech	3		
BAD 215	Principles of Marketing	3		
BLA 211, 212	Business Law	3		3
ECO 209, 210	Economics	3		3
	Elective*	3		
PSY 200	Psychology or			
SOC 202	Sociology			3
BAD 216	Principles of Finance			3
COM 206	Office Machines			3
PED	Physical Education	1		1

*ACC 213 Cost Accounting is recommended.

BUSINESS B. S. PREPARATORY

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
MAT 101* or 102, MAT 102 or 115	Mathematics	3		3
HIS 102, 103	History	3		3
BIO 100, 101	Biology or			
CHE 104, 105	Chemistry	4		4
BAD 107	Introduction to Business	3	or	3
SPE 102	Speech	3	or	3
PED	Physical Education	1		1
SOPHOMORE YEAR				
ENG 200, 201	English	3		3
ACC 207, 208	Accounting	4		4
COM 104** or 105	Typewriting	3	or	3
ECO 209, 210	Economics	3		3
MUS 104	Music or			
SPE 107	Theatre or			
ART 105	Art	3	or	3
GOV 100	Government	3	or	3
SOC 202	Sociology or			
PSY 200	Psychology or			
PHI 101	Philosophy	3	or	3
PED	Physical Education	1		1

*For students who feel that they have an inadequate background in algebra.

**For students who have not successfully completed one unit of Business Typewriting.

BUSINESS EDUCATION

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
ENG 100, 101	English	3	3
MAT 101 or 110	Mathematics	3	
HIS 102, 103	History	3	3
FBS 110, 111	General Biology or		
BIO 100, 101	Biology	3 or 4	3 or 4

COM	104* or 105	Typewriting	3		
PSY	200	Psychology			3
SPE	102	Speech			3
PED		Physical Education	1		1
SOPHOMORE YEAR					
ENG	200, 201	Literature	3		3
ACC	207, 208	Accounting	4		4
COM	100**, 101	Shorthand	3		3
FPS	110, 111	Physical Science or			
CHE	104, 105	Chemistry	3 or 4	3 or	4
ECO	209, 210	Economics	3		3
PED		Physical Education	1		1

*For students who have not successfully completed one unit of high school Business Typewriting.

**Other choices if one year of high school shorthand has been taken: GOV 100 Government or HTH 104 Personal Hygeine.

Group III Fine Arts

MUSIC

(Perkinston Only)

			SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR					
ENG	100, 101	English	3		3
SPE	102	Speech	3	or	3
MAT	101 or 110	Mathematics	3	or	3
MUS	100, 101	Theory	4		4
MUS	102, 103	Music Literature	3		3
PED		Physical Education	1		1
		PIANO EMPHASIS			
MUS	105B, 106B	Private Piano	2		2
MUS	118	Class Voice or	2		
MUS	109A, 110A	Private Voice	1		1
MUS	113, 114	Choir	1		1
		VOICE EMPHASIS			
MUS	109B, 110B	Private Voice	2		2
MUS	107A, 108A	Class Piano or	1		1
MUS	105A, 106A	Private Piano	1		1
MUS	113, 114	Choir	1		1
		INSTRUMENTAL EMPHASIS			
MUS	111A, 112A	Private Instrumental	1		1
MUS	107A, 108A	Class Piano or	1		1
MUS	105A, 106A	Private Piano	1		1
MUS	115, 116	Band	1		1
SOPHOMORE YEAR					
ENG	200, 201	English	3		3
HIS	102, 103	History	3		3
PSY	200	Psychology	3	or	3
MUS	200, 201	Theory	4		4
MUS	202, 203	Music History	3		3
PED		Physical Education	1		1

	PIANO EMPHASIS		
MUS 205B, 206B	Private Piano	2	2
MUS 209A, 210A	Private Voice	1	1
MUS 213, 214	Choir	1	1
	VOICE EMPHASIS		
MUS 209B, 210B	Private Voice	2	2
MUS 205A, 206A	Private Piano	1	1
MUS 213, 214	Choir	1	1
	INSTRUMENTAL EMPHASIS		
MUS 211A, 212A	Private Instrumental	1	1
MUS 205A, 206A	Private Piano	1	1
MUS 215, 216	Band	1	1

ART

The Art Curriculum is designed to provide the first two 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 First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
HIS 102, 103	History	3		3
FPS 110, 111	Physical Science	3		3
MAT 100	Mathematics	3	or	3
ART 101	Introductory Art	3	or	3
ART 102	Drawing I	3	or	3
ART 103	Drawing II	3	or	3
ART 104	Design I	3	or	3
ART 105	Art Appreciation (elective)	3	or	3
PED	Physical Education	1		1
*SOPHOMORE YEAR				
ENG 200, 201	English	3		3
PSY 200	Psychology	3	or	3
SPE 102	Speech	3	or	3
ART 202	Drawing III	3	or	3
ART 203	Drawing IV	3	or	3
ART 204	Design II	3	or	3
ART 205	Ceramics (elective)	3	or	3
ART 206	Ceramics (elective)	3	or	3
ART 207	Art History I	3	or	3
ART 208	Art History II	3	or	3
FBS 110, 111	General Biology	3		3
GHY 104	Geography	3	or	3
SOC 202	Sociology	3	or	3
PED	Physical Education	1		1

*The sophomore art student will find it necessary to consult his art instructor regarding the selection of courses from this list. The selection must be made on the basis of the student's future career plans.

Group IV
Mathematics and Engineering

ENGINEERING

The courses required for Freshman and Sophomores are much the same for all branches of Engineering.

			SEMESTER HOURS First Semester	SEMESTER HOURS Second Semester
FRESHMAN YEAR				
ENG	100, 101	English	3	3
IED	100	Mechanical Drawing	2	
EN	200	Descriptive Geometry		3
MAT	200, 201	Calculus	5	5
CHE	104, 105	Chemistry	4	4
PED		Physical Education	1	1
SOPHOMORE YEAR				
ENG	203	English	3	
GOV	100	Government		3
PHY	203, 204	Physics	4	4
MAT	202, 203	Mathematics	3	3
HIS	200	History	3	
ECO	209	Economics		3
EN	201, 202	Engineering	4	3
PED		Physical Education	1	1

NOTES: 1) MAT 105 is not required but is strongly recommended.
2) Electives may be any introductory courses if any of the Humanities and/or Social Studies.
3) Student should check his particular curriculum on the University level in order to determine the need for these courses.
4) ENG 200, 201 or 202 may be substituted for ENG 203.

COMPUTER SCIENCE

			SEMESTER HOURS First Semester	SEMESTER HOURS Second Semester
FRESHMAN YEAR				
ENG	100, 101	English	3	3
FPS	110, 111	Physical Science	3	3
MAT	102	College Algebra II	3	
MAT	103	Trigonometry	3	
MAT	200	Calculus with Analytic Geo.		5
BIO	100, 101	Zoology	4	4
PED		Physical Education	1	1
SOPHOMORE YEAR				
ENG	200, 201	English	3	3
HIS	102, 103	History	3	3
MAT	201, 202	Mathematics	5	3
GOV	100	Government	3	
ECO	209	Economics		3

PSY	200	Psychology		3
PED		Physical Education	1	1

MATHEMATICS EDUCATION

			SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR				
ENG	100, 101	English	3	3
HIS	102, 103	History	3	3
BIO	100, 101	Zoology	4	4
MAT	102	College Algebra II	3	
MAT	103	Trigonometry	3	
MAT	200	Calculus with Analytic Geo.		5
PED		Physical Education	1	1
SOPHOMORE YEAR				
ENG	200, 201	English*	3	3
MUS	104	Music Appreciation	3	
SPE	102	Speech	3	
HTH	104	Health		3
MAT	201, 202	Mathematics	5	3
ECO	209	Economics		3
FPS	110, 111	Physical Science	3	3
PED		Physical Education	1	1

*NOTE: ENG 202, 203 may be substituted for ENG 200, 201.

INDUSTRIAL TECHNOLOGY

Industrial Technology is a science that deals 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 and human relations, coupled with a degree of skill in the handling of machines, tools and materials that will prepare him for coping with job problems.

Students who plan to pursue a Bachelor of Science Degree in Industrial Technology at a senior college should enroll in this course.

			SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR					
IED	100, 101	Mechanical Drawing	2		2
ENG	100, 101	English	3		3
HIS	102, 103	History	3		3
MAT	102, 103	Mathematics	3		3
IED	102, 103	Woodworking	3		3
PED		Physical Education	1		1
SOPHOMORE YEAR					
ENG	200, 201	English	3		3
PHY	203, 204	Physics	4		4
IED	200	General Metals	3	or	3
PSY	200	Psychology	3	or	3

SPE 102	Speech	3	or	3
MAT 204	Descriptive Geometry			3
ECO 209	Economics	3	or	3
GOV 100	Government	3	or	3
PED	Physical Education	1		1

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, physical therapy, pre-pharmacy, and chemistry education are listed following the basic science course.

BASIC SCIENCE

		SEMESTER HOURS First Semester	SEMESTER HOURS Second Semester
FRESHMAN YEAR			
ENG 100, 101	English	3	3
FRE 100, 101	French	3	3
MAT 102, 103	Mathematics	3	3
BIO 100, 101	Biology	4	4
CHE 104, 105	Chemistry	4	4
PED	Physical Education	1	1
SOPHOMORE YEAR			
ENG 200, 201	English	3	3
FRE 200, 201	French	3	3
HIS 102, 103	History	3	3
CHE 201, 202	Chemistry	4	4
PHY 203, 204	Physics	4	4
PED	Physical Education	1	1

MEDICAL TECHNOLOGY

		SEMESTER HOURS First Semester		SEMESTER HOURS Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
FRE 100, 101	French	3		3
MAT 102, 103	Mathematics	3		3
CHE 104, 105	Chemistry	4		4
GOV 100	Government	3	or	3
ECO 209	Economics	3	or	3
PED	Physical Education	1		1

SOPHOMORE YEAR					
ENG	200, 201	English	3		3
CHE	201, 202	Chemistry	4		4
BIO	100, 101	Biology	4		4
PHY	203	Physics	4		
PSY	200	Psychology	3	or	3
BIO	200	Bacteriology			4
PED		Physical Education	1		1

PRE-PHARMACY

			SEMESTER HOURS		
			First Semester		Second Semester
FRESHMAN YEAR					
BIO	100, 101	Biology	4		4
CHE	104, 105	Chemistry	4		4
ENG	100, 101	English	3		3
MAT	102, 103	Mathematics	3		3
ECO	209, 210	Economics	3		3
PED		Physical Education	1		1
SOPHOMORE YEAR					
CHE	201, 202	Chemistry	4		4
PHY	203, 204	Physics	4		4
ACC	207	Accounting	4		
BIO	200	Bacteriology			4
		Electives	3		3
PED		Physical Education	1		1

OPTOMETRY

			SEMESTER HOURS		
			First Semester		Second Semester
FRESHMAN YEAR					
ENG	100, 101	English	3		3
MAT	102, 103	Mathematics	3		3
CHE	104, 105	Chemistry	3		3
GOV	100	Government	3	or	3
SPE	102	Speech	3	or	3
BIO	100	Biology	4		
		Elective	3	or	3
PED		Physical Education	1		1
SOPHOMORE YEAR					
HIS	200, 201	History	3		3
PHY	203, 204	Physics	4		4
ENG	200, 203	English	3		3
PSY	200	Psychology	3	or	3
BIO	200	Bacteriology	4		
		Elective	3	or	3
MAT	200	Mathematics	5		
PED		Physical Education	1		1

PHYSICAL THERAPY

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
CHE 104, 105	Chemistry	4		4
MAT 102, 103	Mathematics	3		3
BIO 100, 101	Biology	4		4
SPE 102	Speech	3	or	3
	Elective	3	or	3
PED	Physical Education	1		1
SOPHOMORE YEAR				
HIS 200, 201	History	3		3
PHY 203, 204	Physics	4		4
GOV 100	Government	3	or	3
SOC 202	Sociology	3	or	3
ENG 201	English	3	or	3
PSY 200	Psychology	3	or	3
	Electives	3		3
PED	Physical Education	1		1

CHEMISTRY EDUCATION

		SEMESTER HOURS First Semester	Second Semester
FIRST SEMESTER			
ENG 100, 101	English	3	3
CHE 104, 105	Chemistry	4	4
DRE 104	Reading	3	
FRE 100, 101	French	4	4
MAT 101, 103	Mathematics	3	3
GOV 100	Government		3
PED	Physical Education	1	1
SOPHOMORE YEAR			
ENG 200, 201	English	3	3
CHE 201, 202	Chemistry	4	4
FRE 200, 201	French	4	4
MAT 105	Mathematics	1	
EDU 100	Education	3 or	3
SPE 102	Speech	3 or	3
PSY 200	Psychology	3 or	3
SOC 202	Sociology	3 or	3
PED	Physical Education	1	1

NOTE: ENG 202, 203 may be substituted for ENG 200, 201.

AGRICULTURE
(Perkinston Only)

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 agricultural curriculum outlined below.

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

BASIC AGRICULTURAL CURRICULUM

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
CHE 104, 105	Chemistry	4		4
MAT 102, 103	Mathematics	3		3
AGR 100	Horticulture	3		3
AGR 101	Field Crops			3
ECO 209	Economics	3	or	3
AGR 103	Animal Husbandry	3		
PED	Physical Education	1		1
SOPHOMORE YEAR				
BIO 100, 101	Biology	4		4
ACC 207	Accounting	4	or	4
AGR 202	Farm Forestry	3		
AGR 200	Dairying	3		
CHE 201	Chemistry	4		
AGR 203	Feeding			3
AGR 201	Soils			4
HIS 201	History	3		
AGR 102	Poultry	3		
PED	Physical Education	1		1

AGRICULTURAL ENGINEERING

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
CHE 104, 105	Chemistry	4		4
MAT 102, 103	Mathematics	3		3
MAT 200	Mathematics	5	or	5
IED 100, 101	Mechanical Drawing	2		2
SPE 102	Speech			3
PED	Physical Education	1		1
SOPHOMORE YEAR				
MAT 201, 202	Mathematics	5		3
EN 200	Mathematics			3
PHY 203, 204	Physics	4		4
GOV 100	Government	3	or	3
AGR 101	Field Crops			3
ECO 209	Economics	3	or	3
HIS 201	History	3	or	3
AGR 201	Soils			4
PED	Physical Education	1		1

FORESTRY

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
MAT 102, 103	Mathematics	3		3
CHE 104, 105	Chemistry	4		4
HIS 102, 103	History	3		3
GOV 100	Government	3	or	3
BIO 107	Biology	4		
PED	Physical Education	1		1
SOPHOMORE YEAR				
ECO 209	Economics	3	or	3
AGR 100	Horticulture	3		
BIO 100	Biology	4		
IED 100	Mechanical Drawing	2		
PHY 203	Physics	4		
HIS 201	History			3
AGR 201	Soils			4
SPE 102	Speech	3	or	3
	Electives	3		3
PED	Physical Education	1		1

NOTE: Summer camp is required of all forestry majors. It is held between the sophomore and junior years at Mississippi State University, and following the junior year at Louisiana State University and Alabama Polytechnic (Auburn).

VETERINARY SCIENCE

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
CHE 104, 105	Chemistry	4		4
BIO 100, 101	Biology	4		4
MAT 102, 103	Mathematics	3		3
AGR 102	Poultry			3
GOV 100	Government	3	or	3
PED	Physical Education	1		1
SOPHOMORE YEAR				
FRE 100, 101	French	3		3
CHE 201, 202	Chemistry	4		4
PHY 203, 204	Physics	4		4
HIS 200	History	3	or	3
AGR 200	Dairying	3		
AGR 103	Animal Husbandry	3		
AGR 203	Feeding			3
PED	Physical Education	1		1

HOME ECONOMICS
(Perkinston Only)

Designed for students who are planning to complete their bachelor's degree with a major in Home Economics.

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
MAT 100 or 102	Mathematics	3	or	3
BIO 100	Biology	4		
HEC 100	Foods	3		
GOV 100	Government	3	or	3
HTH 104	Health	3	or	3
ECO 209	Economics	3	or	3
SPE 102	Speech	3	or	3
HEC 200	Meal Planning			3
PED	Physical Education	1		1
SOPHOMORE YEAR				
ENG 200, 201	English	3		3
CHE 104, 105	Chemistry	4		4
HIS 102, 103	History	3		3
HEC 101	Clothing Textiles	3	or	3
PSY 200	Psychology	3	or	3
HEC 202	Design	3		
SOC 202	Sociology	3	or	3
HEC 203	Marriage and Family	3	or	3
PED	Physical Education	1		1

Group VI Education

Requirements for teaching are set by State Certification rulings and are the same throughout Mississippi. Since December, 1956, all beginning teachers in accredited schools must be college graduates. The curriculum given below is the recommended program of general and basic professional education for the first two years of the four years required for an "A" certificate. It will be noted that courses recommended for the sophomore year differ for the elementary and secondary education majors.

		SEMESTER HOURS First Semester		Second Semester
FRESHMAN YEAR				
ENG 100, 101	English	3		3
HIS 102, 103	History	3		3
FBS 110, 111	General Biology or			
BIO 100, 101	Biology**	3 or 4		3 or 4
HTH 104	Personal Hygeine	3	or	3
EDU 100	Education	3	or	3

MAT	100	Foundations of Mathematics*	or		
MAT	102	College Algebra II	3	or	3
GOV	100	Government	3	or	3
PED		Physical Education	1		1

SOPHOMORE YEAR (ELEMENTARY EDUCATION)

ENG	200, 201	English or			
ENG	202, 203	English	3		3
MUS	104	Music Appreciation	3	or	3
ART	101	Art	3	or	3
MUS	207, 208	Music for Children	3		3
PSY	200	Psychology	3	or	3
ECO	209	Economics or			
SOC	202	Sociology or			
GHY	104	Geography	6	or	6
SPE	102	Speech	3	or	3
FPS	110, 111	Physical Science or			
CHE	104, 105	Chemistry**	3 or 4		3 or 4
PED		Physical Education	1		1

*Mathematics 100 is required for elementary teachers.

**Laboratory science should be taken by Health and Physical Education, Science Education, and Home Economics Education Majors.

SOPHOMORE YEAR (SECONDARY EDUCATION)

ENG	200, 201	English or			
ENG	202, 203	English	3		3
MUS	104	Music Appreciation	3	or	3
SPE	102	Speech	3	or	3
ECO	209	Economics	3	or	3
FPS	110, 111	Physical Science or			
CHE	104, 105	Chemistry**	3 or 4		3 or 4
PED	202	Introduction to Physical Education*			3
SOC	202	Sociology	3	or	3
PSY	200	Psychology	3	or	3
		Elective	3	or	3
PED		Physical Education	1		1

*For Physical Education majors only.

**Laboratory science should be taken by Health and Physical Education, Science Education, and Home Economics Education majors.

INDUSTRIAL EDUCATION

This program is recommended for the first two years of the four years required to qualify as an Industrial Arts Teacher or Trade and Industrial Coordinator.

			SEMESTER HOURS First Semester	SEMESTER HOURS Second Semester
FRESHMAN YEAR				
IED	100, 101	Mechanical Drawing	2	2
ENG	100, 101	English	3	3
BIO	100	Biology	4	
FPS	110, 111	Physical Science	3	3
IED	102, 103	Woodworking	3	3
GOV	100	Government		3
PED		Physical Education	1	1

SOPHOMORE YEAR

BIO	107	Botany	3		
ENG	200, 202	English	3		3
HIS	102, 103	History	3		3
MAT	110	Mathematics	3	or	3
IED	200	General Metals	3	or	3
SPE	102	Speech	3	or	3
HTH	104	Health	3	or	3
SOC	202	Sociology	3	or	3
PED		Physical Education	1		1

ALPHABETICAL LISTING AND DESCRIPTION OF NUMBERED COURSES

A R T

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

ART 000 – Drawing, Design and Color for Adults. One three hour studio period weekly. Non-Credit.

ART 101 – Introductory Art. The course is designed for prospective elementary teaching programs. It offers the fundamentals of drawing, color theory, fundamentals of lettering, and problems in use of various media suitable for elementary schools. Three Semester Hours.

ART 102 – Drawing I. Basic problems in drawing, composition and some figure drawing with the use of charcoal and pencil. Two lecture and four laboratory periods per week. Three Semester Hours.

ART 103 – Drawing II. This is a continuation of Drawing I with the additional use of such media as pen and ink, wash and conte crayon. Two lecture and four laboratory periods per week. Three Semester Hours.

ART 104 – Design I. Study in terms of visual design, problems involving all the design elements of color, line, light, shade, etc. Color theory, some lettering, variety of media and techniques with two dimensional design. Two lecture and four laboratory periods per week. Three Semester Hours.

ART 105 – Art Appreciation. An introduction providing a background for the study and appreciation of art. An approach to the understanding and enjoyment of plastic arts. Three Semester Hours.

ART 202 – Drawing III. Fluid media techniques; wash drawing. Interpretation and composition emphasized. Prerequisite: Art 102 or permission of the instructor. Two lecture and four laboratory periods per week. Three Semester Hours.

ART 203 – Drawing IV. Fluid media techniques; wash drawing, interpretation and composition emphasized. Prerequisite: Art 202 or permission of the instructor. Two lecture and four laboratory periods per week. Three Semester Hours.

ART 204 – Design II. Further study of the creative approach to design through the use of reproductive media and techniques with an emphasis on three dimensional design. Prerequisite: Art 104 or permission of instructor. Two lecture and four laboratory periods per week. Three Semester Hours.

ART 205 – Ceramics. The use of ceramic materials as a means of expression. Experiences in handforming, application of glazes and firing. Six hours laboratory per week. Three Semester Hours.

ART 206 – Sculpture. Problems in ceramic sculpture. Study of glaze mixing and application. Prerequisite: Art 205 or permission of the instructor. Six hours laboratory per week. Three Semester Hours.

ART 207 – Art History I. Survey of Art History from Pre-historic art through the Renaissance. Three Semester Hours.

ART 208 – Art History II. Survey of Art History from Baroque Art through Modern Art. Three Semester Hours.

AGRICULTURE

AGR 100 – General Horticulture. Fundamentals of plant growth are applied to horticultural crops. Two lecture and two laboratory periods per week. Three Semester Hours.

AGR 101 – Farm Crops. A study of the varieties, methods of planting, cultivating and harvesting common field and forage crops is made. Two lecture and two laboratory periods per week. Three Semester Hours.

AGR 102 – Poultry Husbandry. A study is made of the fundamental principles of poultry husbandry. Two lecture and two laboratory periods per week. Three Semester Hours.

AGR 103 – Elements of Animal Husbandry. This survey in the field of animal husbandry deals with the relationship of livestock to farming, including a study of breeds and market classes as well as grades of farm animals. Three Semester Hours.

AGR 200 – Principles of Dairying. A general survey is made of breeds, selection, feeding and management of dairy cattle. Two lecture and two laboratory periods per week. Three Semester Hours.

AGR 201 – Soils. This is a study of the physical, chemical and biological nature of soils, the fundamentals of soil classification and the relationship between soils and growing plants. Prerequisite: Chemistry 104. Three lecture and two laboratory periods per week. Four Semester Hours.

AGR 202 – Farm Forestry. This course deals with practical development and management of farm forests. Two lecture and three laboratory periods per week. Three Semester Hours.

AGR 203 – Principles of Livestock Feeding. This course presents the principles of feeding farm animals as well as the composition and nutritive value of feeds and the compilation of rations. Prerequisite: Elements of Animal Husbandry 103. Two lecture and two laboratory periods per week. Three Semester Hours.

BUSINESS AND OFFICE ADMINISTRATION
SECRETARIAL SCIENCE AND BUSINESS EDUCATION

COM 100-101 – Elementary Shorthand. This course includes a study of Gregg Shorthand, Diamond Jubilee Series including theory, phrasing, brief forms, transcripts, letter placement, and dictation of articles and various letters. Elementary shorthand is divided into two groups: (A) for those students having had shorthand in high

school for one year or more, (B) for those students having no previous shorthand, or less than one year of shorthand in high school. Three Semester Hours Each.

COM 102 – Principles of Filing. This course is designed to provide the students with basic filing procedures including alphabetic indexing, coding, card filing, and alphabetic, subject, numeric, and geographic correspondence filing. Prerequisite: Typewriting. Two Semester Hours.

COM 104 – Elementary Typewriting. This course is designed for beginners in typewriting. Credit will not be given to a student whose high school transcript shows one unit in business typewriting except through permission from the instructor. Three Semester Hours.

COM 105 – Intermediate Typewriting. This course includes a review of basic technique and continues with such elements as business letters with special parts, tabulation problems, manuscripts, and interoffice correspondence. Three Semester Hours.

COM 200-201 – Advanced Shorthand. This course offers training in the theory of advanced shorthand. Dictation is given from new material at varying rates of speed with emphasis placed upon phrasing, accurate and attractive transcripts, and punctuation of business letters. Three Semester Hours Each.

COM 202 – Medical Shorthand and Terminology. This course offers specialized training in medical shorthand theory, dictation, and transcription. It also includes medical terms, their pronunciation, spelling, and definitions. Three Semester Hours.

COM 203 – Advanced Typewriting. Special communication forms, all letter styles, statistical reports, business forms, and legal reports are included in this course. Speed, control, and production are re-emphasized. Prerequisite: COM 105 Typewriting. Three Semester Hours.

COM 204 – Problems in Typewriting. This course includes a review of techniques in skill building with development of speed and accuracy in typing a variety of office forms, and emphasis on shortcuts in production typewriting. Prerequisite: COM 203 Typewriting. Three Semester Hours.

COM 205 – Secretarial Procedures. The purpose of this course is to give the student training in the minor skills such as telephone technique or handling the mail and in general office practice and procedure. Duplicating equipment and transcribing equipment are included in this course. Prerequisite: Typewriting. Three Semester Hours.

COM 206 – Office Machines. This course is designed to give a reasonable proficiency in the use of such machines as full- and ten-key adding machines; key-driven, rotary, printing, and electronic calculators; duplicating machines; a posting machine; and other types of office equipment. Prerequisite: Typewriting. Three Semester Hours.

COM 216 – Business Writing. This course emphasizes the principles of effective report and letter writing with practice in the preparation of business letters such as sales, credit, collection and application. Prerequisite: Typewriting. Three Semester Hours.

GENERAL BUSINESS

BAD 107 – 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. Three Semester Hours.

ACC 207-208 – Principles of Accounting. This course is designed to give students an understanding of recording, classification and summarization of business transactions and events with insight into interpretation of the resulting effects upon the business. Previous knowledge of bookkeeping or accounting is not required. Four Semester Hours Each.

ECO 209 – Principles of Economics. This course is an analysis of the basic economic principles and problems that we are concerned with 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, employment, taxation, and national income analysis, and the rudiments of supply and demand as they operate in our political economy. Three Semester Hours.

ECO 210 – Principles of Economics. This course is a continuation of ECO 209 Economics with special emphasis in micro-economics and further emphasis 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, monoply, and monopolistic competition, and an introduction of international trade and finance, economic growth, and the price level. Three Semester Hours.

BLA 211 – 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 Semester Hours.

BLA 212 – Business Law. This course is a continuation of Business Law 211 that is designed to cover the following specific areas: Sales Contracts; Personal Property and Bailments; Partnerships; Corporations; Real Property and Leases; Insurance; Security and Mortgages; and Bankruptcy. Three Semester Hours.

ACC 213 – Cost Accounting. This course is a study of principles of cost accounting for manufacturing and business. Particular consideration is given to the managerial uses of cost data under the job order and process cost system. Estimate, standard and direct costing techniques related to job order and process costing are studied. Four Semester Hours.

BAD 214 – Principles of Management. This course is a study of basic management principles as applied to the functions of planning, organizing, directing, controlling, and coordinating with effective communication in business enterprise. Three Semester Hours.

BAD 215 – Principles of Marketing. This course is a study of principles and problems of marketing goods and methods of distribution from producer or manufacturer to consumer. Types, functions, practices of wholesalers and retailers in the American marketing system and efficient marketing techniques in the development and expansion of markets are included. Three Semester Hours.

BAD 216 – Principles of Finance. This course is a study of the organization and operation of the American financial system with consideration of public and private financial institutions. Financial problems of industrial and commercial firms, methods and procedures of business, foreign trade, and consumer financing, and Governmental policies and activities in finance and their effects on prices, interest rates, and economic activities are included. Three Semester Hours.

ENGLISH, LITERATURE AND COMMUNICATION

ENGLISH

ENG 090 – English. This course draws upon the areas of reading, writing, speaking, listening, vocabulary building and spelling. It is designed to meet the needs of the entering student who scores below 15 on the standard composite score in the English Division of the American College Test. The dual objectives of English 090 are to provide the needed communication skills and the general education background for the terminal student and to prepare the prospective transfer student for English 100. Three Semester Hours (nontransfer).

ENG 100 B - 101 B – English Composition. This course, a basic requirement in any college curriculum, draws upon the areas of reading, writing, speaking and listening, vocabulary building, elementary research and critical analysis. Three Semester Hours Each.

ENG 100 A - 101 A – English. This course is presently designed for students scoring above the 75 percentile (College Bound Norms) in the English section of the ACT. The basic requirements of reading, writing, speaking, listening, vocabulary building, elementary research, and critical analysis are supplemented to further develop the initiative, resourcefulness, and creativity of the student. Since more sophisticated writing and additional reading are required throughout the year, the course may eventually lead to the establishment of an Honors Course. Three Semester Hours Each.

LITERATURE

ENG 200-201 – Survey of English Literature. This 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 New-Classical Age. The second semester continues with

the Romantic Period, the Victorian Age and ends with the Modern Age. Three Semester Hours Each.

ENG 202 – An Introduction to World Literature. The course is based on the categorizing of literature into three tempers: classical, romantic, and realistic. The study includes selections from those literary masterpieces of the western world which have become a part of our cultural and intellectual heritage. Three Semester Hours.

ENG 203 – 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. Three Semester Hours.

BIBLE*

REL 113 – A Survey of the Old Testament. This course is designed to give the student a basic foundation in the study of the Old Testament. Attention will be given to the historical setting of each book with emphasis on Hebrew custom and ritual. Some time will be spent teaching the importance of the Old Testament in an understanding of the New Testament and fundamental principles of interpretation. Three Semester Hours.

REL 114 – A Survey of the New Testament. 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 will be 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. Three Semester Hours.

REL 204 – 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) which will include 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. Three Semester Hours.

REL 205 – Life and Letters of Paul. 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 will be given to Paul's three Missionary journeys. Three Semester Hours.

*Offered when staff is available.

COMMUNICATION

SPE 102 – 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. Parliamentary law is also included. Three Semester Hours.

SPE 103 – 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. Prerequisite: Oral Communication 102. Three Semester Hours.

SPE 107 – Theatre Appreciation. This course is a general study of theatre. It covers theatre history, theories and forms, and dramatic criticism. Participation in a production is a requirement. This course will meet a Fine Arts requirement in a senior college. Three Semester Hours.

SPE 109 – 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. Three Semester Hours.

SPE 110 – Parliamentary Procedure. The purpose of this course is to study parliamentary law, and to apply its principles. One Semester Hour.

SPE 111 – Television Communication. The purpose of this course is two-fold; first to give the student an understanding of the media so that he will become more appreciative and critical of television in the communication process; secondly, 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. Two lecture and two laboratory periods per week. Three Semester Hours.

JOURNALISM

JOU 105-106 – Journalism. This is a course in newspaper reporting, news-editing and layout, headline writing, proof reading, and general news regulations. These techniques are applied in the publication of the campus newspaper. Special attention is given to news stories, feature stories, interviews, and editorials. Three Semester Hours.

JOU 200 – News Photography. Photographic theory. Techniques in the use of all types of cameras and darkroom procedures. Study of interest factors in photography. Three Semester Hours.

READING

DRE 090 – Reading - Study Skills. This course is designed for students whose lack of reading ability is a barrier to academic success. Vocabulary building, improved comprehension and study skills necessary to cope with the quantity and quality of reading required of a college student are presented. This course is taken in conjunction with ENG 090. Three Semester Hours (nontransfer).

DRE 104 – Developmental Reading - Improvement of Study. This course is designed to aid students improve their reading skills in both speed and comprehension and develop their study skills. Three periods weekly. Three Semester Hours.

EDUCATION AND PSYCHOLOGY

EDU 100 – Introduction to Education. The purpose of this course is give the student a view of the entire field of education, which will serve as a background for more specialized courses. Three Semester Hours.

PSY 200 – General Psychology. This course is designed to give the student a broad understanding of man's development from birth. A study of the motivating factors of human behavior is emphasized. Three Semester Hours.

PSY 201 – Child Growth and Development. This is a study of the development of the child from the prenatal period through adolescene, including the physical, mental and social characteristics of the preschool child, and the major problems in the child development. Prerequisite: Psychology 200. Three Semester Hours.

ENGINEERING

EN 200 – 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. Three Semester Hours.

EN 201 – Engineering Mechanics. Engineering mechanics, vector algebra, vector calculus, force systems equilibrium, friction, kinematics, kinetics of particles and rigid bodies, and vibrations are included. Prerequisites: Must have had or be currently enrolled in MAT 201 and PHY 203. Four Semester Hours.

EN 202 – Electrical Circuit Theory. Electric circuit theory fundamental concepts and laws, network analysis and theorems. laplace transforms, forced and transient response, steady state response, coupled circuits, and two-part networks are included. Prerequisites: Must have had or be currently enrolled in MAT 203 and PHY 204. Three Semester Hours.

FOREIGN LANGUAGES

NOTE: Students must complete a minimum of one year of work in a foreign language if the credit is to be counted toward graduation. All students of French and Spanish are required to schedule two periods per week in the laboratory. Students who have had two years of high school credit in French or Spanish must elect French 200 or Spanish 200 instead of beginning courses.

FRE 100 – French. An oral-aural approach stressing conversation, pronunciation, comprehension, reading, writing and functional grammar, with emphasis on the practical aspects of the language.

A modern language laboratory is used extensively. Four Semester Hours.

FRE 101 – French. Continuation of FRE 100. Five lecture and two language laboratory hours. Four Semester Hours.

FRE 200 – French. Continuation of FRE 101. Five lecture and two language laboratory hours. Four Semester Hours.

FRE 201 – French. Continuation of FRE 200 with additional literary and cultural readings and compositions. Review of essential elements of grammar. Five lecture and two language laboratory hours. Four Semester Hours.

SPA 100 – Spanish. 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. Five lecture and two language laboratory hours. Four Semester Hours.

SPA 101 – Spanish. Continuation of SPA 100. Five lecture and two language laboratory hours. Four Semester Hours.

SPA 200 – Spanish. Continuation of SPA 101. Five lecture and two language laboratory hours. Four Semester Hours.

SPA 201 – Spanish. Continuation of 200 with additional literary and cultural readings and compositions. Review of essential elements of grammar. Five lecture and two language laboratory hours. Four Semester Hours.

HEALTH AND PHYSICAL EDUCATION

NOTE: Every student is required to take physical education, two hours each week, each semester. No student will be permitted to enter physical education classes until a medical report has been filed. All students must wear appropriate uniforms for physical education classes. Physical education activity courses will be one semester hour with academic credit.

PED 100 – Driver Training. This course will be taught in accordance with the regulations set forth by the Driver Education Division of the Mississippi State Department of Education. A student must spend a minimum of thirty hours in the classroom and six hours of actual behind-the-wheel driving. The non-driver and the driver who have not previously taken a driver education course are eligible for this course. One Semester Hour.

PED 102 – Water Safety and Life Saving. This is the American Red Cross Senior Life Saving Course with emphasis toward certifying life guards for swimming areas. One Semester Hour.

HTH 103 – First Aid. This 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. One Semester Hour

HTH 104 – Personal Hygeine. The functions of the human body are related to problems of health and disease. Three Semester Hours.

REC 200 – Community Recreation. 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. Three Semester Hours.

PED 202 – Introduction to Physical Education. A complete survey is made of the history, objectives, methods, psychology and philosophy of physical education. Three Semester Hours.

PHYSICAL EDUCATION

The following activity courses will be offered in physical education to meet the requirements for graduation. Any three of these courses may be selected with the required PED 109. Students will not receive credit for courses that are duplicated. Course numbers with "G" following the number are girls' physical education courses and those followed by "B" are boys' courses.

PED 109 – Introduction to Physical Activity. This course is designed to teach the fundamentals in the skill learning phase of Physical Education. Included in instruction is a study of the value of exercise and basic principles of body mechanics. This course is a requirement for all freshmen. One Semester Hour.

PED 110 B – Physical Education. This course is designed to teach the fundamentals and skills in football and volleyball. One Semester Hour.

PED 110 G – Physical Education. This course is designed to teach the basic fundamentals and skills in tennis and volleyball. Two lecture and two laboratory periods per week. One Semester Hour.

PED 111 G – Physical Education. The fundamentals and skills of archery and basketball are taught in this course. One Semester Hour.

PED 111 B – Physical Education. This course teaches the fundamentals and skills of golf and basketball. One Semester Hour.

PED 112 G – Physical Education. This course is designed to teach the fundamentals and skills of softball and badminton. One Semester Hour.

PED 112 B – Physical Education. The fundamentals and skills of track and weight-lifting are taught in this course. One Semester Hour.

PED 113 G – Physical Education. Dancing and swimming skills and fundamentals are covered in this course. One Semester Hour.

PED 113 B – Physical Education. This course is designed to teach the fundamentals and skills of archery, tumbling and trampolining. One Semester Hour.

PED 114 G – Physical Education. The skills and fundamentals of recreational activities, golf, and trampolining are the areas covered in this course. One Semester Hour.

PED 114 B – Physical Education. This course is designed to teach the basic fundamentals and skills in tennis, horseshoes and badminton. One Semester Hour.

PED 115 G – Physical Education. Advanced Dance. This course is designed to teach advanced skills and fundamentals in modern dance. One Semester Hour.

PED 115 B – Physical Education. This course is designed to teach the skills and fundamentals of baseball and basketball. One Semester Hour.

PED 116 G – Physical Education. This course is designed to teach skills and fundamentals of bowling. One Semester Hour.

PED 116 B – Physical Education. This course is designed to teach skills and fundamentals of bowling. One Semester Hour.

PED 125 – Physical Education. Designed for freshman course for marching band and precision drill. One Semester Hour.

PED 225 – Physical Education. Designed for sophomore course for marching band and precision drill. One Semester Hour.

PED 130 VG – Extramural Sports for Girls. One Semester Hour.

PED 130 V – Varsity Football. One Semester Hour.

PED 131 V – Varsity Basketball. One Semester Hour.

PED 132 V – Varsity Tennis. One Semester Hour.

PED 133 V – Varsity Baseball. One Semester Hour.

PED 134 V – Varsity Track. One Semester Hour.

HOME ECONOMICS
(Perkinston Only)

HEC 100 – Food Study. This course involves the study of nutrition as related to the body; the appreciation of principles in planning and preparing and serving meals suitable for family needs. One lecture and four laboratory periods per week. Three Semester Hours.

HEC 200 – Meal Planning and Table Service. This is a continuation of Food Study 100 with emphasis on more advanced planning preparation and services. Planned occasions for serving food. One lecture and four laboratory periods per week. Three Semester Hours.

HEC 101 – Selection of Clothing and Textiles. This course offers opportunities for clothing construction based on individual needs and experience. One lecture period and four hours of laboratory per week. Three Semester Hours.

HEC 102 – Home Economics for Moderns. This course is designed to meet the needs of girls in terminal programs and non-homemaking majors. The content of the course deals with all areas of home life essential to successful living. Two hours of lecture per week and a four week period of practical experiences in family group living. Three Semester Hours.

HEC 202 – Design. The use of art elements, principles and harmonies in various media. Study of designers and artists and their contribution to dress. Three Semester Hours.

HEC 203 – Marriage and Family. A course designed to analyze current problems in courtship, engagement, and early years of marriage. Identifies the factors that contribute to success and happiness in marriage. Three Semester Hours.

INDUSTRIAL EDUCATION AND INDUSTRIAL TECHNOLOGY

IED 100 – Mechanical Drawing. Preliminary training is given in free-hand drawing, shades and shadows; the use of instruments, geometric construction, isometric, oblique and cabinet projection; the development of surfaces and intersections for sheet metal work. Preliminary and special lettering exercises are given. Six laboratory periods per week. Two Semester Hours.

IED 101 – Mechanical 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 representation. Neatness, accuracy and economy of time are stressed. Six laboratory periods per week. Two Semester Hours.

IED 102 – Fundamentals of Woodworking. 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. One lecture and four laboratory periods per week. Three Semester Hours.

IED 103 – Advanced Woodworking. This is a continuation of IED 102 Woodworking with an emphasis on the use of various power tools and the development of skill in planning, designing and finishing materials of wood. One lecture and four laboratory periods per week. Three Semester Hours.

IED 200 – General Metals. The purpose of this course is to acquaint the student with processes in different types of metal work which will include 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. Three Semester Hours.

MATHEMATICS

MAT 090 – Basic Mathematics. This is a course dealing with the fundamentals of mathematics, designed for those students who are weak in mathematics and wish to prepare themselves for the ordinary college mathematics courses. This course is for non-transferable credit only. Three Semester Hours.

MAT 100 – Foundations of Mathematics. This course is a survey of the fundamental principles underlying mathematics, with a brief introduction to the topics of set theory, elementary logic, geometry, numeration, the number concept and number systems, and equations and functions. This course will satisfy the mathematics requirement for elementary education majors. Three Semester Hours.

MAT 101 – College Algebra I. This is the first course in basic college algebra; it begins with the fundamental notions of mathematics, progresses through solutions of linear equations and introduces quadratic equations. Three Semester Hours.

MAT 102 – College Algebra II. This is a continuation of MAT 101 Mathematics; it reviews quadratic equations and advances through more complex algebraic topics. Prerequisite: MAT 101 College Algebra I or two years of high school algebra. Three Semester Hours.

MAT 103 – Trigonometry. This is 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 102 College Algebra II. Three Semester Hours.

MAT 105 – Slide Rule. This is the traditional course in the operation and use of the slide rule, stressing accuracy and speed in the use of the fundamental scales. One Semester Hour.

MAT 110 – College Arithmetic. Review of the four fundamental operations of arithmetic giving a systematic treatment of the topics which one might encounter in daily affairs. Three Semester Hours.

MAT 111 – Mathematics of Finance. This course emphasizes the mathematical practices used in business transactions. Prerequisite: Any one of the following: MAT 100, 101, or 102 Mathematics or two years of high school algebra. Three Semester Hours.

MAT 115 – Statistics. This course is an introduction to basic statistics. Topics covered include measures of central tendency and variability, confidence intervals, hypothesis testing, t-distribution, and regression and correlation analysis. Three Semester Hours.

MAT 200 – Calculus With Analytic Geometry. This course emphasizes some of the basic concepts in analytic geometry, differentation of algebraic and trigonometric functions, and the properties of antiderivatives. Prerequisite: Two units of algebra, one unit of trigonometry, or MAT 103 Trigonometry. Five Semester Hours.

MAT 201 – Calculus With Analytic Geometry. This course is a continuation of Mathematics 200 with emphasis on the techniques of integration, partial differentiation. Five Semester Hours.

MAT 202 – Calculus With Analytic Geometry. This course is a continuation of MAT 201 Mathematics covering applications of integration and infinite series. Three Semester Hours.

MAT 203 – Differential Equations. This course consists of the development and solutions of differential equations, some partial differential equations and solution in series. Three Semester Hours.

MUSIC

NOTE: In all applied music, one hour of practice will be required daily for each hour of credit given. The letter (a) or (b) following the number of the course will indicate the number of hours credit given in applied music as follows: (a) One Semester Hour, (b) Two Semester Hours. It is understood that when two courses are listed together and numbered consecutively, such as, 207-208 - Music for Children, the first is a prerequisite to the second.

MUS 100-101 – Music Theory. A study is made of elementary materials of music through part writings, aural dictation, sight-singing and keyboard work. Three lecture and two laboratory periods per week. Four Semester Hours Each.

MUS 102-103 – Survey of Music Literature. This is a cultural 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 a composer's musical message. Three Semester Hours Each.

MUS 104 – Music Appreciation. This one semester course is required of all education majors. It is primarily a music listening course designed to illustrate the functional aspects of music in education and every-day living. Three Semester Hours.

MUS 105-106 – Piano. Private lessons include the fundamentals of technique, reading and interpretation. Compositions are selected to suit the individual's background and ability.

MUS 107-108 – Class Piano. 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 accompaniments, 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.

MUS 109-110 – Voice. 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.

MUS 111-112 – Instrumental Music (Woodwinds and Brass). Private lessons are in the fundamentals of techniques, reading and interpretation. Materials from standard repertoire are selected to suit individual needs.

MUS 113-114 – Choir. 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. One Semester Hour Each.

MUS 115-116 – Band. 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 developing skills and an understanding of music literature. One Semester Hour Each.

MUS 117 – 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, intervals, triads and their inversions, and a familiarity with the keyboard. Three Semester Hours.

MUS 118 – Class Voice. This course is designed for the beginning student of voice and will give a general knowledge of the principles of good singing. It is open to all students. Two Semester Hours.

MUS 200-201 – Music Theory. This is a continuation of Music Theory 101 with emphasis on chromatic harmony and the analysis of standard works in varied styles. Three lecture and two laboratory periods per week. Four Semester Hours.

MUS 202-203 – Music History. 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, Romantic eras as well as trends in modern musical composition. Three Semester Hours Each.

MUS 205-206 – Piano. This is a continuation of Piano 105-106 with selections from the masterpieces of classical, romantic and modern composers as well as continued work on technical and interpretative skills.

MUS 207-208 – Music for Children. A study of the basic fundamentals of music is made, 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. Three Semester Hours Each.

MUS 209-210 – Voice. This is a continuation of Voice 109-110 with materials including arias from standard operas and oratorios.

MUS 211-212 – Instrumental Music (Woodwinds and Brass). This is a continuation of Instrumental Music 111-112 using materials of a more advanced nature.

MUS 213-214 – Choir. This is a continuation of Choir 113-114. One Semester Hour Each.

MUS 215-216 – Band. This is a continuation of Band 115-116. One Semester Hour Each.

SCIENCE (Biological)

BIO 100 – Zoology. This is a course in general zoology with emphasis on the study of biological concepts, protoplasm, chemistry of life and a survey of the invertebrate phyla. Two lecture and four laboratory periods per week. Four Semester Hours.

BIO 101 – Zoology. This is a continuation of BIO 100 including the study of the vertebrate classes, human biology, genetics, and embryology. Two lecture and four laboratory periods per week. Four Semester Hours.

BIO 102 – Anatomy and Physiology. A study is made of the anatomy and physiology of the human body as an integrated whole with more detailed studies of the skeletal, muscular, and nervous systems. This course is especially designed for Associate Degree Nursing students and students in other terminal programs and is not intended for other students. No prerequisites are required. Three Semester Hours.

BIO 103 – Anatomy and Physiology. This is a continuation of Anatomy and Physiology 102 in which the circulatory, respiratory, digestive, urinary, reproductive, and endocrine systems are studied. This course is especially designed for Associate Degree Nursing students and students in other terminal programs and is not intended for other students. No prerequisites are required. Three Semester Hours.

BIO 106 – Microbiology. A comprehensive study is made of bacteria and other micro-organisms including classification, morphology, cultural characteristics, and products of bacterial growth. Emphasis is placed on the study of disease-producing organisms and on general bacteriological technique. This course is especially designed for terminal students and is not intended for biology majors. Three lecture and two laboratory periods per week. Four Semester Hours.

BIO 107 – Botany. Class and laboratory study includes the structure, manner of life, and reproduction of familiar plants. Field trips will be used to familiarize the student with trees in his own community. Two lecture and two laboratory periods per week. Four Semester Hours.

FBS 110-111 – General Biology (For Non-Science Majors). Non-laboratory courses in general biology which include biological principles, processes, and systems of the plants and animals presented in a sequence in which 110 is a prerequisite to 111. These courses are designed to meet general education requirements of certain non-science majors. These courses will not give

credit toward a major or minor in the biological science and will not meet prerequisite requirements for higher level courses in biology. Three lecture periods per week. Three Semester Hours Each.

BIO 200 – General Bacteriology. A study of non-pathogenic and pathogenic bacteria, yeasts, and molds in relation to disease, foods, public health, and industry. Laboratory includes a study of techniques in staining, and culturing of micro-organisms. Prerequisite: Eight semester hours of chemistry. General zoology is also recommended. Three lecture and two laboratory periods per week. Four Semester Hours.

BIO 202 – Human Anatomy and Physiology. A study is made of the anatomy and physiology of the human body as an integrated whole with more detailed studies of the skeletal, muscular, and nervous systems. Prerequisites: BIO 100 and 101. General chemistry is recommended. Two lecture and two laboratory periods per week. Three Semester Hours.

BIO 203 – Human Anatomy and Physiology. This is a continuation of Anatomy and Physiology 202 in which the circulatory, respiratory, digestive, urinary, reproductive, and endocrine systems are studied. Prerequisite: BIO 202 Human Anatomy and Physiology. Two lecture and two laboratory periods per week. Three Semester Hours.

BIO 204 – 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 is concerned with 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. Two lecture and four laboratory hours per week. Prerequisites: BIO 100, 101 and CHE 104. Four Semester Hours.

SCIENCE (Physical)

CHE 104 – General College Chemistry. The emphasis is – to achieve more fundamental treatments of concepts such as structure, energy relationships, and reaction mechanisms. A fuller study of atomic theory, orbitals, and chemical bonding is stressed. A well established basis for the history of chemistry, and methods of scientific discovery is presented. The unfolding of theories of atomic structure, the determination of atomic weight, the discovery of nuclear fission, and the chemical evidence for isomers follow the case history approach. Two lecture and four laboratory periods per week. Four Semester Hours.

CHE 105 – General College Chemistry. A continuation of the above approach of Chemistry 104 with the emphasis here on metallurgy and a rather comprehensive study of carbon chemistry. Two lecture and four laboratory periods per week. Four Semester Hours.

FPS 110-111 – Physical Science. Non-laboratory courses in basic principles, methods, and theory of the physical sciences which include a general survey on chemistry, physics and earth sciences.

110 is a prerequisite of 111. These courses are designed to meet general education requirements of certain non-science majors and will not give credit toward a major or minor in physical science. Credit in these courses will not meet prerequisite requirements for higher level courses in the physical sciences. Three lecture periods per week. Three Semester Hours Each.

CHE 201 – Organic Chemistry. This is an introductory study of organic chemistry and aliphatic compounds and derivatives. Prerequisite: CHE 104 and 105 Chemistry. Two lecture and four laboratory periods per week. Four Semester Hours.

CHE 202 – Organic Chemistry. This course is a continuation of Chemistry 201. Further study is made of the aromatic compounds and their derivatives. Two lecture and four laboratory periods per week. Four Semester Hours.

PHY 203 – General Physics. This course presents the fundamental principles, definitions and terms of mechanics, heat and sound. Prerequisite: College Algebra and Trigonometry or special consent of instructor. Three lecture and two laboratory periods per week. Four Semester Hours.

PHY 204 – General Physics. This course is a continuation of Physics 203 and deals with the fundamental principles of light, electricity and magnetism. Three lecture and two laboratory periods per week. Four Semester Hours.

SOCIAL STUDIES

GOV 100 – American Government. This course is designed to familiarize the student with the development and organization of Federal Government. Three Semester Hours.

PHI 101 – Philosophy. This course is designed to expose the student 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. Three Semester Hours.

HIS 102 – Survey of World History to 1648. This is a general survey course in the development of western civilization. The course begins with the dawn of history and extends into the seventeenth century with emphasis placed on European development. Three Semester Hours.

HIS 103 – Survey of World History Since 1648. This is a general survey course in the development of western civilization from the seventeenth century to the present with emphasis placed on European development. Three Semester Hours.

HIS 200 – American History to 1865. This is a study of the political and social growth of the United States from 1492 to 1865. Particular emphasis is placed on the development of the Constitution with the Hamiltonian, Jeffersonian, and Jacksonian interpretations. Three Semester Hours.

HIS 201 – American History Since 1865. This is a continuation of American History beginning with the Reconstruction Era and traces the nation's development to the present. Three Semester Hours.

GHY 104 – Principles of Global Geography. This course deals with man's adjustment to those fundamental elements of geography such as climate, bodies of water, landforms, location and natural resources and how they, with man's adjustment to them, help to shape world history. Three Semester Hours.

SOC 202 – Introduction to Sociology. This course is designed to give the student an introduction to sociology and its development. Emphasis is placed on how man builds his culture and how customs and behavior patterns are developed and the functions and importance of social institutions. Three Semester Hours.

Group VII Technical

ASSOCIATE DEGREE NURSING PROGRAM

(Jefferson Davis and Jackson County Campuses)

The associate degree nursing program is designed to fulfill the educational needs of qualified high school graduates, both men and women, (1) who want to become registered nurses, and (2) who wish to study in a college setting where they can share the same responsibilities and privileges as other college students.

The program consists of two academic years and one summer session of five weeks. Each beginning class enters in September.

Students of nursing meet the requirements of the college and the nursing program for admission, promotion, and graduation. College credit is given for all courses.

Hospitals used for nursing practice and clinical experience are the Memorial Hospital at Gulfport, Howard Memorial at Biloxi by students attending Jefferson Davis Campus. The Singing River Hospital is used by students attending Jackson County Campus. The Veterans Administration Hospital Gulfport, is used by both campuses for the psychiatric nursing observation.

Clinical experiences in the hospitals are planned as part of the college courses in nursing. These experiences are under the direction of the college instructors of nursing and are selected to correlate nursing practice with current lectures in nursing. Graduates of the program are eligible to take the Mississippi State Board Examinations to become a registered nurse. (R.N.)

Admission Policies:

Students are admitted on a selective basis by the admission committee which is appointed by the Executive Dean.

Applicants will be notified to meet with the Admission Committee upon completion of the following:

1. A composite score of at least 15 on the A.C.T.
2. A percentile score of at least 35 on the nursing aptitude test. Applications for this test must be made a month in advance.
3. Completed an application form for the nursing program.
4. Completion of medical and dental record which will be furnished to you by the nursing department.
5. Completed application to the respective campus and the necessary fee paid.
6. High school transcripts or acceptable G.E.D. scores on file. If you have attended a college or nursing program, those transcripts must also be on file.
7. Each student must have an interview with the chairman of the nursing department and one of the college counselors.

8. Pre-registration is required. The above requirements must be completed by August 1.

PROMOTION POLICIES - All students enrolled in the associate degree nursing program must earn at least sixty-five (65) academic semester hours with a quality point average of 2.0 on all academic hours attempted. A 2.0 quality point average is expected in the major area – nursing. A quality point average below 2.0 (grade of D or less) in one course of Nursing Science carrying 6 or more semester hours places the student on nursing probation. A second D in a Nursing Science course carrying 6 or more credits requires the student to repeat that course in order to continue in the nursing program.

In addition, when a student's performance in the laboratory area is not consistant with safe nursing practice the student may be placed on nursing probation or asked to withdraw. These standards do not in any way substitute for the college policy on probation and suspension listed in the catalog.

The curriculum as given below is the present method of organization.

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
ENG 100, 101	English	3	3
BIO 102, 103	Biology	3	3
PSY 200	Psychology	3	
NR 120, 121	Nursing Science	6	6
BIO 106	Microbiology		4
PED	Physical Education	1	1
SUMMER			
NR 220	Nursing Science	3	
SOPHOMORE YEAR			
NR 221, 222, 223	Nursing	10	12
SPE 102	Speech	3	
PSY 201	Psychology	3	
SOC 202	Sociology		3

NR 120 – Nursing Science. This is a study of and practice in the basic nursing skills. Nursing is approached through the study of the basic needs of man. The nursing skills emphasized are those which assist man to meet his needs for safety, comfort, rest, nutrition and motility. Rehabilitation, community resources, mental health concepts and drug therapy are introduced and correlated throughout the program. Four hours lecture per week. Two (3 hour) laboratory periods a week. Prerequisites: BIO 102 must be taken prior to, or concurrently with NR 120. Six Semester Hours.

NR 121 – Nursing Science. This course is designed to correlate a study of and care for the medical and surgical needs of patients. Emphasis is placed on the development of skills in planning, administering and evaluating the nursing care of selected patients.

Systems studied include: cardiovascular, respiratory, gastro-intestinal and urological. Four hours lecture per week. Two (3 hour) laboratory periods per week. Prerequisites: NR 120, BIO 102 and 103 and 106 to be taken concurrently with or prior to NR 121. Six Semester Hours.

NR 220 – Nursing Science. Nursing is approached through the study of man unable to deal with his emotional needs. Emphasis is placed on understanding patterns of behavior in psychobiological and psychosocial disorders which deviate from the accepted pattern and on various methods of psychiatric treatment and nursing care. Learning experiences provide opportunities for the study of patients through individual and group relationships. The Veterans Administration Hospital, Gulfport Division, is the hospital used. Five hours lecture per week. Twenty hours laboratory per week. Prerequisite: NR 121 and PSY 200 and BIO 106. Three Semester Hours.

NR 221 – Nursing Science. Nursing is approached through the study of meeting individual needs during normal and abnormal phases of pregnancy, labor, delivery and puerperium. Study and care of the normal and abnormal child from the newborn period through twelve years. Visits to pre-natal and post-natal clinics, well-baby immunization clinics and nursery schools are made. Six hours lecture per week. Twelve hours laboratory per week. Prerequisites: NR 121, BIO 103 and BIO 106. Ten Semester Hours.

NR 222 – Nursing Science. This is a continuation of the study of medical and surgical needs of patients. Emphasis is on the adult patient and upon development of skills in the identification of the physiological response of the body to disease conditions of the musculo-skeletal, nervous and special senses, reproductive and endocrine systems. Continued supervised practice in intensive care unit, team nursing, and disaster nursing are included. Twelve hours laboratory per week. Prerequisites: NR 221. Ten Semester Hours.

NR 223 – Nursing Science. This is a study of the history and trends in nursing from the static period to the dynamic present. Emphasis is placed on the nurses' relationship to the nursing profession. Two hours lecture per week. Two Semester Hours.

BUSINESS DATA PROCESSING TECHNOLOGY

(Jefferson Davis Campus - Two-Year Terminal)

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
ENG 100, 101	English	3	3
ACC 207, 208	Accounting	4	4
MAT 101	Algebra	3	
IBM 119	Basic Data Processing	5	
MAT 111	Math of Finance		3
IBM 120	Computer Science Fundamentals		3
RT 208	Industrial Psychology		3
PED	Physical Education	1	1

SOPHOMORE YEAR			
ECO 209, 210	Economics	3	3
ACC 213	Cost Accounting	4	
COM 216	Business Writing	3	
IBM 213, 215	Programming	5	5
SPE 102	Speech		3
IBM 214	Systems Designs and Development		3
MAT 115	Statistics		3
PED	Physical Education	1	1

IBM 119 – Basic Data Processing. Designed to acquaint the student with operating the Keypunch, Sorter, Verifier, Accounting Machine, Collator, Reproducer, and Interpreter. Introduces functional wiring principles, job design, basic unit record machine operations, and basic forms design. Five hours credit.

IBM 120 – Computer Science Fundamentals. The first phase of the course teaches the student computer concepts, terminology, and theory of modern computers. The second phase teaches RPG (Report Program Generator) programming language, compilation techniques with problems utilizing the RPG language and the 1130 Computing System. Three Semester Hours.

IBM 213 – Programming I. Gives the student a basic understanding of the numerical solution of problems using the FORTRAN language. The emphasis is on carefully selected and highly practical methods for handling a variety of statistical and accounting problems. Five Semester Hours.

IBM 214 – Systems Design and Development. Designed to acquaint the student with data processing applications of Accounts Receivable, Accounts Payable, Payroll, and Inventory. In addition to practical and typical equipment utilization, the student will gain an understanding of how machines and systems are combined and advantages to be realized by a company through mechanization. Three Semester Hours.

IBM 215 – Advanced Programming. Course deals with two phases. Phase one is designed to give greater depth to the topics in Programming I. Also, to give a better understanding of machine programming and develop better efficiency in FORTRAN. Phase two will deal with the COBOL language. Five Semester Hours.

COMPUTER PROGRAMMING TECHNOLOGY

(Jackson County Campus - Three Year Terminal)

The computer programming technology curriculum prepares the student for a job in the field of Digital Computers. Upon successful completion of this course, the student should be prepared to accept a programming position in any type of industry requiring general programming concepts such as manufacturing, banking, insurance, textile and petroleum.

The computer programming technologist will have a broad background in mathematics, engineering and business principles. He

will have the background for problem understanding and communication in all areas in which he may be contacted for assistance in application of data processing or engineering technical systems.

This curriculum grants an Associate of Science degree but is not designed for transfer credit to a senior college.

			SEMESTER HOURS First Semester	Second Semester
FIRST YEAR				
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107	Technical Drawing	2	
CT	100	Computer Logic and Basic Programming	4	
RT	109	Electronic Drafting		2
CT	101	Programming		4
RT	204	Foundations of Business		3
		Elective*	3	
SECOND YEAR				
RT	202, 203	Technical Communications	2	1
RT	212	Technical Mathematics	3	
ACC	207	Accounting	4	
CT	201	Programming	4	
RT	115, 116	Technical Physics	3	3
PSY	200	General Psychology		3
CT	203	Principles of Cost Accounting		4
CT	202	Electronics of Computers		4
CT	204	System Analysis Concepts		3
THIRD YEAR				
ECO	209	Principles of Economics	3	
CT	302	Organization and Management of a Computer Center	3	
CT	303	Industrial Relations	3	
CT	304	Production and Inventory Control	3	
CT	305	Computer Applications	3	
BLA	211	Business Law	3	

Suggested Electives: *American Government; History, English Literature; American Literature.

CT 100 – Computer Logic and Basic Programming. The basic concepts of Analog and Digital Computer are thoroughly covered in this course. The introduction to Boolen Algebra, Computer Logic, Computer Programming, and Computer Hardware are given special attention. This is a survey course intended to assist the student with the phraseology of the new field he is entering. Four Semester Hours.

CT 101 - Programming. This is an introduction to Business Oriented Computer concepts. The students learn how to use the machine language and assembler techniques which will allow the establishment of a firm Programming foundation. Three lecture and two laboratory hours per week. Prerequisite: CT 100 Computer Logic and Basic Programming. Four Semester Hours.

CT 201 – Programming. The Compiler Oriented Computer Languages, COBOL, ALGOL and FORTRAN are given a thorough treatment. The student is introduced to Scientific Programming through the use of ALGOL and FORTRAN languages. He is assigned field work in carefully selected Computer Installations where he is allowed to program relatively complex problems which require the use of the three Compiler Languages. Three lecture and two laboratory hours per week. Prerequisite: CT 101 Programming. Four Semester Hours.

CT 202 – Electronics of Computers. This is a study of the electronics that are essential for all types of Analog and Digital Computers. It includes logical concepts, mechanization of logic equations, the control of Digital Systems, and the interface requirements of one system to another. The student is also given an introduction to Hybred Digital Analog Systems. Three lecture and two laboratory hours per week. Prerequisite: CT 100 Computer Logic and Basic Programming and RT 116 Technical Physics. Four Semester Hours.

CT 204 – System Analysis Concepts. The student is given a comprehensive study of the Analysis and Systems Design concepts of business problems that are applicable to the Digital Computer. Techniques are established that facilitate in the reduction of a business problem to an automated system. Prerequisite: CT 201 Programming. Three Semester Hours.

CT 203 – Principles of Cost Accounting. An understanding of the basic concept of the cost accounting function within a manufacturing organization is the objective of this course. Material costs, labor costs, manufacturing overhead and marketing costs that enter the cost accounting system are treated in detail. Three lecture and two laboratory periods per week. Prerequisite: ACC 207 Principles of Accounting. Four Semester Hours.

CT 302 – Organization and Management of a Computer Center. Concepts and techniques for the organization and management of a typical Computer Center are thoroughly covered. The student becomes familiar with backup equipment including Unit Record and Keypunch machines. In addition typical computer center problems and their solutions are given to the student as basic elements needed to operate a Computer Organization in a profitable manner. Prerequisite: CT 201 Programming. Three Semester Hours.

CT 303 – Industrial Relations. The student is introduced to personnel problems, union relations, and general public relations required in all businesses. Special attention is given to union structure and philosophy especially in those areas the Programmer, during his normal course of programming would encounter. Prerequisite: RT 204 Foundations of Business. Three Semester Hours.

CT 304 – Production and Inventory Control. The student will become familiar with the basic of planning and scheduling which include Gantt Charting and the applications of Critical Path Planning (PERT). Also included will be the basic concepts of Inventory

Control which involves economic order points, maximum minimum balances, and the general applications of Computers in stock control. Prerequisite: RT 204 Foundations of Business. Three Semester Hours.

CT 305 – Computer Applications. This is a seminar type course in which the student assisted by advisors, develops and studies different applications of the Digital Computer. He is given a relatively complex problem which simulates, as near as possible, problems he will be faced with in industry. The student will be given the opportunity to work a complex problem from its initiation to the completion and implementation at some selected local installation. Prerequisite: CT 302 Organization and Management of a Computer Center. Three Semester Hours.

DISTRIBUTION AND MARKETING TECHNOLOGY

(Jefferson Davis Campus - Two Year Terminal)

Distribution and Marketing Technology at the junior college level is primarily designed to develop the occupational competencies required for the advancement to junior executive positions in the field of distribution and marketing. This program is often referred to as mid-management training.

Distribution and Marketing Technology is concerned with the development of occupational competencies required for employment in semi-professional positions in marketing. This level of competency lies between the semi-skilled and entry jobs, for which a high school diploma would primarily be required, and the professional and top management positions which usually, but not always, require a four-year college degree.

There are two basic parts of the program: Classroom instruction and occupational experience. The classroom instruction includes studies in marketing areas, general education, and the technology to be found in the occupational field that is selected by the student for his career objective. Classroom instruction and occupational experiences are carefully coordinated to implement each other.

The curriculum grants an Associate of Science Degree and is not specifically designated for transfer to a senior college. Where a transfer is planned, senior college catalogues should be checked for validation.

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
BAD 107	Introduction to Business	3	
ENG 100, 101	English Composition	3	3
MAT 110	College Arithmetic	3	
DMT 100	Salesmanship	3	
COM 104	Elementary Typewriting*	3	
SPE 102	Oral Communications		3

DMT 101	Retailing		3
BAD 214	Principles of Management		3
DMT 103	Occupational Orientation**		3
PED	Physical Education	1	1

SOPHOMORE YEAR

ECO 209	Principles of Economics	3	
ACC 207	Principles of Accounting	4	
COM 216	Business Writing	3	
DMT 204	Marketing	3	
DMT 204	Marketing Research**	3	
RT 204	Foundations of Business***		3
BAD 216	Principles of Finance		3
DMT 207	Advertising		3
DMT 206	Marketing Research**		3
BLA 211	Business Law		3
PED	Physical Education	1	1

*Not required if completed high school typewriting. Substitution should be made with Dean's approval.

**One hour recitation and a minimum of 15 on-the-job laboratory hours per week.

***PSY 200 General Psychology may be substituted.

DMT 100 – 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 preparations. Three Semester Hours.

DMT 101 – Retailing. The role of retailing in the economy is emphasized. The development of the present retail structure and the functions of it are included. Managerial problems resulting from current economic and social trends are brought out. Three Semester Hours.

DMT 103 – Occupational Orientation. This is a control class for on-the-job training in mid-management. This is available for DMT students only. A study of company policies, rules, regulations and procedures is undertaken, and business etiquette, job application, business dress and employer-employee relations are included in the class work. One hour recitation a week and a minimum of 15 hours on-the-job laboratory work experience is required. Three Semester Hours.

DMT 204 – Marketing. This is 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. Three Semester Hours.

DMT 205 – Marketing Research. This is a control class of on-the-job training in mid-management. This is available to DMT students only. This involves interpretation of statistical charts, graphs and other data. Information will be brought out as to sources of information and data pertaining to business and industry. One hour recitation a week and a minimum of 15 hours of on-the-job laboratory work is required. Three Semester Hours.

DMT 206 – Marketing Research. This is a control class of on-the-job training in mid-management. This is available to DMT students only. This involves planning, conducting, reporting and interpreting an elementary market research project. This may be individual or group participation. One hour recitation a week and a minimum of 15 hours on-the-job training as a laboratory work experience is required. Three Semester Hours.

DMT 207 – Advertising. The role of advertising in our economy, advertising media, budgeting, planning, scheduling and evaluating are included. Retail advertising is given emphasis in this course. Three Semester Hours.

DRAFTING AND DESIGN TECHNOLOGY

(All Three Campuses - Two-Year Terminal)

The Drafting Technology Curriculum will develop students with the following:

- a well rounded educational experience whereby students may develop all of their capabilities and interests to a degree or maximum value to themselves and to our society.
- an orientation to an industrialized society.
- essential knowledge and skills required for efficient and productive performance in the Drafting and Design phase of the industrial world.

This curriculum is designed to qualify the student for job entry and an Associate of Science degree upon completion of the course.

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
RT 100, 101	Technical Communications	3	3
RT 110, 111	Technical Mathematics	3	3
GOV 100	Government	3	
DR 110	Fundamentals of Drafting	5	
RT 211	Metal Processing	3	
RT 113	Descriptive Geometry		3
DR 111	Machine Drafting		5
RT 204	Foundations of Business		3
PED	Physical Education	1	1
SOPHOMORE YEAR			
RT 202, 203	Technical Communications	2	1
RT 209, 210	Plane Surveying	3	3
RT 115, 116	Technical Physics	3	3
DR 205	Architectual Drafting and Design	5	
DR 207	Piping, Sheetmetal, Electrical Drafting	3	
DR 212	Structural Design and Strength of Materials		5
DR 206	Map and Topographical Drafting		3
DR 213	Introduction to Steel Shipbuilding and Blueprint		

	Reading		3
PED	Physical Education	1	1

DR 110 – 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. Two lecture and six laboratory periods per week. Five Semester Hours.

DR 111 – Machine Drafting and Design. An introduction is given in various mechanical parts as well as complete assemblies. Working drawings are made of various mechanical parts. Two lecture and six laboratory periods per week. Prerequisite: DR 110 Fundamentals of Drafting. Five Semester Hours.

DR 205 – Basic 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. Two lecture and six laboratory periods per week. Prerequisite: DR 111 Machine Drafting and Design. Five Semester Hours.

DR 206 – Map and Topographical Drawing. Selected drafting techniques are applied to problems of making maps, traverses, plot plans, plan and profile drawing using maps and field survey data. Two lecture and two laboratory periods per week. Prerequisite: DR 111 Machine Drafting and Design. Three Semester Hours.

DR 207 – Piping Sheet Metal-Electrical. An advanced course in drafting in which techniques and knowledge are employed in the planning of mechanical and electrical objectives. Efficient use of applicable handbooks, code books are an integral part of this course. Two lecture and two laboratory periods per week. Prerequisite: DR 111 Machine Drafting and Design. Three Semester Hours.

DR 212 – Structural Drafting 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, application to machine parts and structural parts. Problems in structural detailing and design involving the drawing of beams, columns, connections, trusses and braces. Two lecture and six laboratory periods per week. Prerequisite: DR 111 Machine Drafting and Design. Five Semester Hours.

DR 213 – Introduction to Steel Shipbuilding and Blueprint Reading. This course is designed to give the student an understanding of the ship as a whole and acquaint him with actual working drawings of a ship. Class work involves both research and drawing. Two lecture and two laboratory periods per week. Prerequisite: DR 111 Machine Drafting and Design. Three Semester Hours.

ELECTRICAL TECHNOLOGY

(Jackson County Campus - Two-Year Terminal)

The electrical technology curriculum will develop students with the following:

- technical knowledge sufficient to foster experimentation, investigation, comprehension and regular reading of trade journals and technical encyclopedia.
- an ability to use mathematics such as algebra, trigonometry, plane and solid geometry and also working knowledge of calculus.
- a thorough understanding of electrical functions, components, and systems, their application capabilities.
- a familiarity with basic electronic equipment, solid state devices and phase angle controlling devices such as SCR control units and ignitions.
- an understanding and use of symbols, wiring diagrams, blueprints, technical manuals and schematic diagrams.
- an ability to diagnose circuit and component malfunctions by analysis and substitution of circuit functions including the ability to repair or replace components.
- an understanding of the use of precision test equipment in evaluation of circuit and system performance, and the utilization of industrial instrumentation and automation control equipment in industrial applications.
- an understanding of the use of power and control rectifiers, transformers, magnetic amplifiers, control circuitry, distribution switchgear, and power plant operation, with calculation capability for single phase, poly phase, and DC systems.
- an understanding of computer theory sufficient for understanding basic modules; "and" gates, "or" gates, flip flop binaries, multibrators, and boolean algebra and particular emphasis should be placed on use and interplay of basic modules in programming of data.
- an understanding of shop processes, tools, materials and adeptness in their use.

Typical employment opportunities will include: Electric Power Systems technician, Industrial plant electrical technician, Electrical technician, Electrical Test technician.

This curriculum grants an Associate of Science Degree but is not designed for transfer to a senior college.

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
RT 100, 101	Technical Communications	3	3
RT 110, 111	Technical Mathematics	3	3
RT 107	Technical Drawing	2	
ET 100	Laboratory Processes	3	
ET 101	Basic Electricity DC & AC	4	
ET 109	Electronic Drafting		2
RT 115, 116	Technical Physics	3	3
	Elective		3
SOPHOMORE YEAR			
RT 202, 203	Technical Communications	2	1
RT 212	Technical Mathematics	3	
CHE 104, 105	Chemistry	4	4

EE	201, 203	Electrical Control Circuitry I and II	3	3
EE	202	Power Generation and Distribution	4	
EE	204	Power Instrumentation and Automation		3
EE	205	Solid State Theory and Application		3
EE	206	Transformer Applications		3
		Elective*	3	

Suggested Electives: *American Government; History; General Psychology; English Literature; American Literature.

EE 201 – Electrical Control Circuitry. This course treats analysis of existing designs utilizing control transformers, solenoids, timing devices, error signals, feedback loops, synchros, servos, relays, their functions, and how they operate. Two lecture and two laboratory hours per week. Three Semester Hours.

EE 202 – Power Generation and Distribution. Types and characteristics of DC generators, AC generators, regulators, switchgear, transformers and distribution centers are demonstrated. Generator and distribution load analysis, demonstration of generator droop, power factor measurements, and simple power factor corrections are calculated and understood. Three lecture and two laboratory hours per week. Prerequisite: RT 116 Technical Physics and RT 212 Technical Mathematics. Four Semester Hours.

EE 203 – Electrical Control Circuitry. A continuation of Electrical Control Circuitry I, this course utilizes the more basic math connected with the circuitry introduced in the previous semester, and leads to simple designs utilizing these types of circuits. Two lecture and two laboratory hours per week. Three Semester Hours.

EE 204 – Power Instrumentation and Automation. This course includes the function and uses of power instrumentation such as current transformers, shunts, ammeters, voltmeters, phasemeters; synchronizers, and recording instruments. Automatic control devices, such as reverse current relays, voltage regulators, balance coils, overload, over and under voltage trips; over and under frequency trips, and remote switching are treated in detail. Emphasis is placed on automatically programmed control equipment including complete theory. Two lecture and two laboratory hours per week. Prerequisite: ET 201 Transmitter and Receiver Theory and ET 202 Semiconductor and Applications. Three Semester Hours.

EE 205 – Solid State Theory and Application. This course covers the theory and use of solid state components in modern power generation equipment. It includes the study of selinium and silicon diodes, silicon controlled rectifiers, thyrite resistors and other transient suppressors, magnetic amplifiers, saturable reactors, transducers, zener diodes, and introduces transistorized control equipment. Two lecture and two laboratory hours per week. Prerequisite: Four Semester Standing. Three Semester Hours.

EE 206 – Transformer Applications. Single, poly phase, auto and control transformers are treated by design and use. The mathematics of the transformer, where and how they are used, and design vs. application differences for frequency, power loss, impedance, hystersis effects, and lamination specifications are

emphasized. Two lecture and two laboratory hours per week. Prerequisite: ET 201 Transmitter and Receiver Theory. Three Semester Hours.

ELECTRONICS TECHNOLOGY

(Jackson County Campus - Two-Year Terminal)

The electronics technology curriculum will develop students with the following:

- technical knowledge sufficient to foster experimental investigation, comprehension and regular reading of trade journals and technical encyclopedia.
- an ability to use mathematics such as algebra, trigonometry, plane and solid geometry and also a working knowledge of calculus.
- a thorough understanding of the basic electrical electronic building blocks, and their applications.
- an ability to equate basic circuit functions with an overall systems concept sufficient to provide for assimilation of rapidly expanding "State of the Art" configurations.
- an understanding and use of symbols, schematic diagrams, blueprints, and technical manuals.
- an ability to diagnose circuit malfunctions by analysis and substitution of circuit functions, including alignments and repairs to defective modules.
- an understanding of the use of precision test equipment in evaluation of circuit and system performance.
- an understanding of vacuum tubes, transistors, controlled rectifiers, regular diodes, their comparisons and limitations.
- an understanding of computer theory sufficient to understanding basic modules, "and" gates "or" gates, "nor" gates, flip flop binaries, multivibrators, and boolean algebra including particular emphasis on use and interplay of basic modules in programming of data.
- an understanding of shop processes, tools, materials, and adeptness in their use.

Typical employment opportunities will include: RADAR TECHNICIAN, SONAR TECHNICIAN: COMMUNICATIONS TECHNICIAN - Marine, Industrial, Radio, or TV Control Room Operator, Instrumentation Technician, Electronic Computer Technician; Radio Station Engineer, Assistant Engineer (with FCC license); Electronic Associate Engineer, or Assistant, Technical Writer, Instrument Calibration Technician, Technical Sales Representative, Electronic Lab Technician (Prototype and Test-Analysis) Electronic Installation Supervisor Radar-Sonar-Communications-etc.

This curriculum grants an Associate of Science Degree but is not designed for transfer credit to a senior college.

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
RT 100, 101	Technical Communications	3	3
RT 110, 111	Technical Mathematics	3	3
RT 107	Technical Drawing	2	

ET	100	Laboratory Processes	3	
ET	101	Basic Electricity DC & AC	4	
ET	102	Electrons Theory		3
ET	103	Special Circuit Design and Analysis		3
ET	109	Electronic Drafting		2
RT	204	Foundations of Business		3
		Elective*	3	

SOPHOMORE YEAR

RT	115, 116	Technical Physics	3	3
RT	202, 203	Technical Communications	2	1
RT	212	Technical Mathematics	3	
ET	201	Transmitter and Receiver Theory	3	
ET	202	Semiconductors and Applications	3	
ET	203	Industrial Electronics Instrumentation	3	
ET	204	Circuit Tracing		3
ET	205	Systems Concepts		4
ET	206	UHF and Microwaves		3
ET	207	Research Project		2
ET	208	Applications of Computer Logic		3

Suggested Electives: *American Government; History; General Psychology; English Literature; American Literature.

ET 100 – Laboratory Processes. A study of the materials of electricity/electronics, their properties and use. Component installation practices, soldering techniques, (Standard-NASA and Gold Welding) heat dissipation and cautionary measures. This course familiarizes the student with specialized tools and instruments, component characteristics, and safety. Two lecture and two laboratory hours per week. Three Semester Hours.

ET 101 – Basic Electricity AC and DC. A study of cells, generation, distribution, power, storage, capacity ohms and watts laws. Generation, transformation, inductance, capacitance, hystersis, and transmission of AC power. Three lecture and two laboratory hours. Four Semester Hours.

ET 102 – Electrons Theory. This course introduces rectification, amplification and elementary circuits involved in vacuum tube theory. Diodes, triodes, multi-element circuits involved in vacuum tube theory. Diodes, triodes, multi-element tubes, bias, classed of operation and power applications are treated in detail. Two lecture and two laboratory hours per week. Prerequisite: ET 101 Basic Electricity AC and DE. Three Semester Hours.

ET 103 – Special Circuit Design and Analysis. This course begins with wave shaping and forming networks, limiters, clampers, and time constants. Signal generation circuits, multivibrators, and other complex waveforms provide the student with electronic timing and sampling techniques and introduce him to telemetry, big sampling, television display and oscilliscope functions and use. Two lecture and two laboratory hours per week. Prerequisite: ET 100 Laboratory Processes. Three Semester Hours.

ET 109 – Electronic Drafting. This course provides a working knowledge of electronic symbols and connectors, circuit schematics, cabling, wire lay-outs, and checking, as well as block diagrams and module representation as used in the several current techniques. Prerequisite: RT 107 Technical Drawing. Four laboratory periods per week. Two Semester Hours.

ET 201 – Transmitter and Receiver Theory. Basic oscillators are evolved through frequency multiplication, amplification, transmission, and radiation via antennas. Antenna and transmission line theories are introduced, and wave length relationships are established. Modulation methods and types are shown. Basic receivers are evolved, and detailed through superheterdyne, with AM, FM, single sideband demodulation demonstrated. Television is introduced. Frequency synthesis is related to generation and multiplication. Two lecture and two laboratory hours per week. Prerequisite: ET 102 Electron Theory and ET 103 Special Circuit Design and Analysis. Three Semester Hours.

ET 202 – Semiconductors and Applications. This course is designed to provide fundamental knowledge of semiconductor principles, including the theory and operation of transistors, solid state rectificers, controlled rectifiers, available diodes, voltage regulator circuits, switching modes amplifiers, microminiaturization, thin film circuitry, and photoluminescent readout devices. Two lecture and two laboratory hours per week. Prerequisite: ET 102 Electron Theory and ET 103 Special Circuit Design and Analysis. Three Semester Hours.

ET 203 – Industrial Electronics and Instrumentation. This course demonstrates recording, measuring, controlling, and analyzing equipment used in automation and non-destructive testing. It details stain gages, PH meters, ultrasonics, and transducers used in industry, and provides a block diagram understanding of electrical/electronic quality control instruments. Two lecture and two laboratory hours per week. Prerequisite: ET 102 Electron Theory and ET 103 Special Circuit Design and Analysis. Three Semester Hours.

ET 204 – Circuit Tracing. Symbology, cable tracing, color coding and component numbering systems, both military and civilian are explained. Circuits are analyzed with appropriate theory and test equipment to demonstrate signal-in, signal-out values and waveforms. Course Goal: Circuit recognition, signal conditioning and evolution, and fault location through circuit and signal tracing. Two lecture and two laboratory hours per week. Prerequisite: ET 201 Transmitter and Receiver Theory, ET 202 Semiconductors and Applications and ET 203 Industrial Electronics and Instrumentation. Three Semester Hours.

ET 205 – System of Concepts. This course provides knowledge and familiarization with basic electronic building blocks by function, and molds the student's thinking to the broad concepts of useful applications. He learns to assemble individual functions into combinations that provide a useful result. Course Goal: Circuit recognition, familiarization, and application leading to system comprehension and creativity. Three lectures and two laboratory hours per week. Prerequisite: ET 201 Transmitter and Receiver Theory, ET 202 Semiconductors and Applications and ET 203 Industrial Electronics and Instrumentation. Four Semester Hours.

ET 206 – UHF and Microwaves. A summary of technique differences encountered in UHF and microwaves. This course teaches generation, coaxial transmission lines, klystrons, magnetrons measurements, receivers, directivity, and plumbing, as related to UHF and microwaves. Two lecture and two laboratory hours per week. Prerequisite: ET 201 Transmitter and Receiver Theory, ET 202 Semiconductors and Applications and ET 203 Industrial Electronics and Instrumentation. Three Semester Hours.

ET 207 – Research Project. An elementary thesis and research project demonstrating the construction and technical description of an original electronic device employing several (3 or more) principles learned in ET 102, 103, 201, 202 or 205. The student without assistance (except advice, by appointment) assembles a demonstration unit and written report, with analysis of results. Prerequisite: ET 201 Transmitter and Receiver Theory, ET 202 Semiconductors and Applications and ET 203 Industrial Electronics and Instrumentation. Two Semester Hours.

ET 208 – Applications of Computer Logic. This course emphasizes the application of Computer Logic to industrial process Control and Automation. Solid state gating circuitry, multivibrators, counters, boolean algebra and switching circuit are applied throughout the course. Three Semester Hours.

HOTEL, MOTEL & RESTAURANT OPERATION

(Jefferson Davis Campus - Two-Year Terminal)

The curriculum is purposefully designed so that students must meet high standards of achievement and acquire specialized knowledge needed for their careers. Through an accelerated, comprehensive course, such knowledge can be acquired by men and women of character and personality capable of progressive advancement to high level positions in the industry.

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 grants an Associate of Science Degree but is not designed for transfer to a senior college.

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
COM 107	Introduction to Business	3	
ENG 100, 101	English	3	3
HMR 100	Basic Food Preparation	4	
HMR 105	Hotel, Motel, Front Office Procedures	3	
HMR 110	Orientation for the Hospitality Industry I	2	
HMR 102	Food Service in		

	Institutions		3
HMR 101	Quality Foods		4
HMR 106	Hotel, Motel Restaurant Accounting		3
HMR 107	Hotel, Motel Restaurant Safety and Sanitation		2
PED	Physical Education	1	1
SOPHOMORE YEAR			
BLA 211	Business Law	3	
HMR 205	Profitable Food and Beverage Operation	3	
HMR 201	Profits through Promotion	3	
HMR 210	Orientation for the Hospitality Industry II	2	
COM 104	Typewriting	3	
COM 216	Business Writing		3
HMR 207	Front Office Psychology		2
HMR 200	Administrative Housekeeping		3
SPE 102	Speech		3
HMR 202	Convention Sales		
	Electives		6
PED	Physical Education	1	1

HMR 100 – Basic Food Preparation. Familiarization with tools and equipment, kitchen organization, study of receipts of basic foods, purchasing, storage, and preparation. Lab fee. Three lectures and one two-hour laboratory each week. Four Semester Hours.

HMR 101 – Quality Foods. Continuation of study in food preparation with emphasis on quality preparation. Special instruction in the arts of food preparation. Ice carving, special sauces, cake decoration, hors d'oeuvres trays, gum paste, display food pieces. Demonstrations by area chefs. Lab fee. Three lectures and one two-hour laboratory each week. Prerequisite: HMR 100 Basic Food Preparation. Four Semester Hours.

HMR 102 – 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 production schedule and order list. Attention to be given to use of equipment, personnel, operation reports, and portion control. Care and maintenance of equipment. Three lectures each week. Three Semester Hours.

HMR 105 – Hotel-Motel Front Office Procedures. A detailed study of the functions pertaining to Front Office operation. An interpretation of internal systems and an understanding of the duties of Room Clerk, Reservation Clerk, Mail Clerk, Cashier, Night Auditor, and Service. Student projects and field trips required. Three lectures each week. Three Semester Hours.

HMR 106 – 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. Three lectures each week. Three Semester Hours.

HMR 107 – Hotel-Motel-Restaurant Safety and Sanitation. Study of the various aspects of accident. Causes and prevention of accidents in the hospitality industry. Cause and prevention of food borne disease. Effective methods and sanitary controls for operation of food establishments. One two-hour lecture each week. Two Semester Hours.

HMR 110 – Orientation for the Hospitality Industry I. A seminar type course of lectures and discussions on opportunities, trends, problems and organizations in the hospitality field. Guest speakers from the industry to address the class on current problems and opportunities. One two-hour lecture each week. Two Semester Hours.

HMR 200 – Administrative Housekeeping. Familiarization with duties and responsibilities of housekeeping. Organization, comprehension, schedules, pars, laundry operation, maintenance, etc. Student projects. Three lectures each week. Three Semester Hours.

HMR 201 – Profits Through Promotion. A study of methods used to promote a facility. Creative Thinking and Brainstorming. Familiarization with trade journals, Hotel Red Book, etc. Student Projects. Three lectures each week. Three Semester Hours.

HMR 202 – Convention Sales. Tools used in Convention Sales. Importance of convention and group business to certain properties. Forms of promotion. Follow up. Student projects and field trips. Three lectures each week. Two Semester Hours.

HMR 205 – Profitable Food and Beverage Operation. Food and Beverage cost controls. Profitable menu planning. Selection of personnel and wage studies. Food and Beverage in all phases. Student projects. Three lectures each week. Three Semester Hours.

HMR 207 – Front Office Psychology. A study in human relations to better understand the guest. Case studies and class solutions. One two-hour lecture each week. Two Semester Hours.

HMR 210 – Orientation for the Hospitality Industry II. Continuation of Orientation for the Hospitality Industry I. One two-hour lecture each week. Prerequisite: HMR 110 Orientation for the Hospitality Industry. Two Semester Hours.

LAW ENFORCEMENT

(Jefferson Davis Campus - Two Years)

The two year Associate Degree program in Law Enforcement is balanced between basic general education courses, common to all college programs, and requirements in administrative and specialized law enforcement courses. The program is designed to meet the needs of various law enforcement agencies and to provide the student with the knowledge and attitudes he needs to be an effective professional law enforcement officer in modern society. 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 if desired.

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
ENG 100, 101	English	3	3
GOV 100	Government	3	
ECO 209	Economics	3	
PSY 200	General Psychology		3
SOC 202	Introduction to Sociology		3
LEN 100	Introduction to Law Enforcement and Criminal Justice	3	
LEN 101, 102	Police Organization and Administration	3	3
LEN 103	Police and Community Relations		3
PED	Physical Education*	1	1
SOPHOMORE YEAR			
HIS 201	American History		3
SPE 102	Fundamentals of Speech	3	
MAT 100	College Arithmetic	3	
BAD 214	Principles of Management		3
LEN 200	Criminal Investigation I	3	
LEN 201	Administration of Criminal Justice	3	
LEN 202	Criminal Investigation II		3
LEN 203	Criminal Law		3
	Electives**	3	3
PED	Physical Education*	1	1

*Physical Education requirements may be met by specialized courses in Defensive Tactics, Swimming and Life Saving, and First Aid.

**Electives can be taken from the following areas: COM 104 Typing, HTH 104 Health, BAD 107 Introduction to Business, BLA 211 Business Law, BLA 212 Business Law, PSY 205 Adolescent Psychology.

LEN 100 – 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. Three Semester Hours.

LEN 101 – Police Organization and Administration. Introduction to principles of organization and management as applied to law enforcement agencies; introduction to concepts of organizational behavior, administration of staff units, personnel recruitment, training, and discipline with relationship of agencies and the public. Three Semester Hours.

LEN 102 – Police Organization and Administration II. Study of 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. Three Semester Hours.

LEN 103 – Police and Community Relations. Current issues on relations between police and the community; emphasis upon the police officers role and influence in community relations, tensions and conflict and the problem areas of racial minority

groups and juveniles. Three Semester Hours.

LEN 200 – 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. Three Semester Hours.

LEN 201 – Administration of Criminal Justice. A study of the legal concepts and procedures, including laws of arrest and search warrant procedure, beginning with the issuance of legal process to ultimate dispositions, including informations, indictments, arraignments, preliminary hearings, bail, juries and the trial. Three Semester Hours.

LEN 202 – Criminal Investigation II. Use of scientific techniques in investigation; investigative problems in major crimes; arrests, apprehensions, and raids; fingerprinting, rules of evidence and testifying in court. Three Semester Hours.

LEN 203 – Criminal Law. Survey of substantive criminal law as a means of attaining public and social order and the preservation and protection of life, and property; historical and philosophical concepts; development, applications and enforcement. Three Semester Hours.

MECHANICAL TECHNOLOGY

(Jackson County Campus - Three-Year Terminal)

The mechanical technology curriculum will develop students with the following:

- an ability to use mathematics such as algebra, trigonometry, plane and solid geometry, differential and integral calculus and statistical data analysis as tools in the development of ideas that make use of scientific and engineering principles.
- a proficiency in the application of scientific principles including the basic concepts and laws of physics and chemistry that are pertinent in this field of technology.
- communications skills that include ability to interpret, analyze and transmit ideas graphically, orally and in writing including a high degree of reading comprehension ability.
- an understanding of the properties of materials commonly used in this field.
- an understanding of the principles of operation, function, and application of the present tools in industry and a fair degree of skill in the operation of each.
- an ability to interpret drawing requirements from fabrication to the completed state including the ability to write or specify all work operations from raw materials to finished products.
- an understanding of the principles, concepts, and applications of inspection and quality control instruments, and testing equipment. (Destructive and Non-destructive.)
- a knowledge of law and business and an appreciation of the integrity and legal relationships of craftmanship ethics.
- a demonstrated ability to design tools, jigs, and fixtures to meet difficult drawing requirements.

Typical employment opportunities will include: ENGINEER-

ING - Tool Designer, Research Assistant, Engineering Assistant, Technical Writer; QUALITY CONTROL - Quality Control Technician, Test Technician (operational), Inspector, Statistical Data Analysist, Technical Writer (Test Procedures); PRODUCTION - Production Planner, Methods Analysis, and Job Estimator.

This curriculum grants an Associate of Science Degree but is not designed for transfer credit to a senior college.

			SEMESTER HOURS First Semester	Second Semester
FIRST YEAR				
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107, 108	Technical Drawing	2	2
CHE	104, 105	Chemistry	4	4
MT	129	Engineering Materials	3	
ML	101	Metallurgy		3
MT	126	Manufacturing Processes		4
SECOND YEAR				
RT	202, 203	Technical Communications	2	1
RT	212	Technical Mathematics	3	
RT	115, 116	Technical Physics	3	
ML	201	Metallurgy	4	
MT	227	Manufacturing Processes	4	
RT	204	Foundations of Business		3
QC	102	Statistics and Quality Control		3
MT	222	Industrial Inspection Methods		3
MT	217	Structural Design and Strength of Materials		3
THIRD YEAR				
CT	100	Computer Lofic and Basic Programming	4	
ET	203	Industrial Electronics and Instrumentation	3	
MT	324	Hydraulic and Pneumatics	3	
ML	202	Materials Testing	3	
MT	323	Methods and Manufacturing Engineering I	4	
MT	325	Welding Processes		3
MT	322	Industrial Inspection Methods		3
MT	326	Process Planning and Production Problems		4
MT	327	Methods and Manufacturing Engineering		8

MT 129 – Engineering Materials. This course covers common construction materials of industry and includes the following: manufacture of iron and alloy steel, non-ferrous material such as copper, nickel, zinc, aluminum, magnesium, lead; corresion of metals, concrete, ceramics; paints and other protective coatings; plastics. Three Semester Hours.

MT 126 – Manufacturing Processes. This course covers introduction to production processes; simple measuring tools; metal and plastic forming operations; machining and cutting tools; turning

lathes; drilling machines; planing, shaping, and slotting machines, milling machines, foundry practices; foundry equipment; patterns; sands; molds and cores; post casting processes. Two lecture and four laboratory periods per week. Four Semester Hours.

MT 227 – Manufacturing Processes. This course covers broaching and sawing; grinding and finishing machines; turret and automatic lathes; automation and numerical control of machine tools; pipe fabrication; screw threads; gears and gearing; sheet metal manufacture by die stamping; and special process machines. Two lecture and four laboratory periods per week. Prerequisite: MT 126 Manufacturing Processes. Four Semester Hours.

MT 217 – Structural Design and Strength of Materials. Simple stresses, strains, physical characteristics of materials, reactions, moments of inertia, deflections, application to machine parts and structural parts. Prerequisite: RT 111 Technical Math. Three Semester Hours.

MT 222 – Industrial Inspection Methods. This course covers a study of the need and function of inspection in industry, the use of specifications, tolerances and allowances, and standard as an aid to the inspector, basic principles and techniques of measurement, fixed gages, surface plate methods and equipment, and Mechanical Indicating Equipment. Two lecture and two laboratory periods per week. Prerequisite: MT 126 and MT 127 Manufacturing Processes. Three Semester Hours.

MT 322 – Industrial Inspection Methods. This course is a continuation of Industrial Inspection Methods 222 and covers Electrical Indicating Equipment, Air Gauging Equipment, Optical Measuring and Inspection equipment, gaging and inspection of screw threads, special measuring and inspection problems, gage checking and calibration, and types of inspection (i.e., 100 percent inspections, quality control and sampling, and process inspections). Two lecture and two laboratory periods per week. Prerequisite: MT 222 Industrial Inspection Methods. Three Semester Hours.

MT 323 – Methods and Manufacturing Engineering. This course covers the History of Methods and/or manufacturing engineering and its recent impact in industrial economics with emphasis on total use of all facilities. Also a light review of plant installation, segregation of operations; flow of materials, lighting, heating, ventilating, sanitary, dust collecting facilities; handling arrangements and fire prevention equipment. Four Semester Hours.

MT 324 – Hydraulic and Pneumatics. This course covers introduction to hydraulics, principles of hydraulics in physics; fluids and piping; hydraulic pumps; hydraulic motors; control values and gageing; accessory equipment; hydraulic circuit system designs; pneumatic power unit, pneumatic controls; pneumatic circuit system designs, air and hydraulic cylinders; combination systems application and advantages. Two lecture and two laboratory periods per week. Three Semester Hours.

MT 325 – Welding Processes. Detailed study of individual welding processes such as manual metal arc, gas tungsten arc, gas metal arc, submerged arc, electro slag, plasma arc, electron bean, laser, resistance, ultrasonic. Practical experience in welding

offered in the Welding Laboratory. Two lecture and two laboratory periods per week. Prerequisite: ML 201 Metallurgy. Three Semester Hours.

MT 326 – Process Planning and Production Problems. This course covers cost estimating methods; introduction; estimating requirements; cost estimating elements; production activities; and production control. Two lecture and four laboratory periods per week. Four Semester Hours.

MT 327 – Methods and Manufacturing Engineering. This course covers an applied study of mechanics in the area of induced vibration; an analysis of rotating machinery; balancing methods; structural members; methods of power transmission; the application of all foregoing technical studies to the design of process or manufacturing machinery, jigs of fixtures, a comprehensive project type assignment pertinent to the potential graduate field of interest; manpower rating of analysis should review operations analysis, motion study, micomotion, basis of time study; rating, standard allowances, work sampling, wage payment of incentive program. Five lecture and six laboratory periods per week. Prerequisite: MT 323 Methods and Manufacturing Engineering. Eight Semester Hours.

METALLURGICAL AND WELDING TECHNOLOGY

(Jackson County Campus - Two and One Half Year Terminal)

The metallurgical technology curriculum will develop students with the following:

- an ability to use mathematics such as algebra, trigonometry, plane and solid geometry and also a working knowledge of calculus.
- a proficiency in the application of scientific principles including the basic concepts and laws of physics, metallurgy, and chemistry that are pertinent in this field of technology.
- communications skills that include ability to interpret, analyze and transmit ideas graphically, orally and in writing including a high degree of reading comprehension ability.
- an understanding of the properties of materials commonly used–in this field.
- an understanding of the principles of operation, function, and application of the present tools of industry including a fair degree of skill in the operation of each.
- an understanding of engineering drawing and be able to follow fabrication from the drawing to the complete state including the ability to write or specify all work operations from raw materials to the finished product within his realm of technology.
- an understanding of the principles, concepts, and application of inspection and quality control including the ability to apply these principles through actual tests and interpretations of the tests.
- a knowledge of law and business and an appreciation of the integrity and legal relationships of craftsmanship ethics.
- a demonstrated ability to design tools, jigs, and fixtures to meet drawing requirements.
- an understanding of the principles of testing (load, dynamics, vibration, hydrostatic, operational).
- an understanding of welding metallurgy and welding processes including the design and testing of welded structures and materials.

Typical employment opportunities will include: METALLURGICAL - Metallurgical Laboratory Technician, Failure Analysis Test Work, Corrosion Control, Heat Treating, Metallurgical Process Development, Inspection, Assistant to Metallurgical Engineer, Specification Writer, Laboratory Supervisor (with adequate experience); WELDING - Welding Laboratory Technician, Evaluation of Welding Material, Welding Process Development, Specification Writer, Procedure Development, Inspection, Liasion between Production and Welding Engineering, Instructor in Training, Electrode Control, Report Writing, Welding Supervision (with adequate experience), Failure Analysis, Weld Tooling Design; NON-DESTRUCTIVE TESTING - NDT Laboratory Technician, Material Failure Analysis, Liasion between Laboratory and Production, Development of Testing Methods, Procedure Writing, Specification Writing, Statistical Quality Control, Inspection, Laboratory Supervision (with adequate experience).

This curriculum grants an Associate of Science Degree but is not designed for transfer credit to a senior college.

		SEMESTER HOURS First Semester	Second Semester
FIRST YEAR			
RT 100, 101	Technical Communications	3	3
RT 110, 111	Technical Mathematics	3	3
RT 107, 108	Technical Drawing	2	2
CHE 104, 105	Chemistry	4	4
MT 129	Engineering Materials	3	
ML 101	Metallurgy		3
SECOND YEAR			
RT 202, 203	Technical Communications	2	1
RT 212	Technical Mathematics	3	
RT 115, 116	Technical Physics	3	3
ML 202	Materials Testing	3	
ML 201	Metallurgy	4	
RT 204	Foundations of Business		3
ML 203	Welding Metallurgy		5
MT 217	Structural Design and Strength of Materials		3
	Elective		3
THIRD YEAR			
ML 301	Welding Design	3	
ET 203	Industrial Electronics and Instrumentation	3	
ML 300	Metallurgical Processes	2	
ML 302	Metallurgical Field Project	1	
	Electives*	6	

Suggested Electives: *American Government; History; General Psychology; English Literature; American Literature.

ML 101 – Metallurgy. Basic Metallurgy. This course includes the study of equilibrium diagrams of common metals and alloys, metallurgy of ferrous metals, light metals, physical properties, microstructures, grain size, and heat treatment. Three Semester Hours.

ML 201 – Metallurgy. Continuation of Metallurgy 101; metallurgy of stainless steels, advanced study of aluminum alloys, modern materials such as ultrahigh strength steels, cryogenic alloys, titanium, magnesium. Prerequisite: ML 101 Metallurgy. Four Semester Hours.

ML 202 – Materials Testing. Destructive and nondestructive testing of common engineering materials, tensile and hardness tests, radiography, ultrasonics, dye penetrant, thermal, eddy current, practical uses in testing methods, metallorgraphy and statistical quality control. Two lecture and two laboratory periods per week. Three Semester Hours.

ML 203 – Welding Metallurgy. Welding methods and processes, temperature changes, weld metal structures, weld properties, fluxes, slage, shielding gases, techniques. Three lecture and four laboratory periods per week. Prerequisite: ML 201 Metallurgy. Five Semester Hours.

ML 300 – Metallurgical Processes. Basic methods of metals processing such as ferrous and nonferrous foundry casting, forging, rolling, welding, riveting, heat treating and machining. One lecture and two laboratory periods per week. Prerequisite: ML 203 Welding Metallurgy. Two Semester Hours.

ML 301 – Welding Design. Elements of design for welding, calculation of stresses, welding techniques, processes, specifications. Prerequisite: ML 203 Welding Metallurgy. Three Semester Hours.

ML 302 – Metallurgical Field Project. Investigation of a welding or metallurgical problem, selected either by the student or instructor. The student investigates the problem, makes necessary metallurgical studies, finds solutions, and makes recommendations. Project may include such things as welding, fabrication, heat treating, testing problems. Prerequisite: ML 203 Welding Metallurgy. One Semester Hour.

ORNAMENTAL HORTICULTURE

(Perkinston Campus - Two-Year Terminal)

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 greenhouses and nurseries, turfgrass management with golf courses, parks and landscape concerns. Modern garden centers require trained persons for sales and services, as do landscape contractors.

This curriculum is designed to qualify the student for job entry and an Associate of Science degree upon completion of the course.

			SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR				
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
OH	110	Survey of Ornamental Horticulture	3	
OH	111	Fundamentals of Plant Growth	3	
OH	112	Plant Materials #1	4	
OH	113	Plant Materials #2		4
IED	100	Mechanical Drawing		2
OH	114	Soil Management		4
PED		Physical Education	1	1
SOPHOMORE YEAR				
RT	209	Plane Surveying	3	
BIO	107	Botany	4	
OH	210	Plant Propagation	3	
OH	214	Greenhouse and Nursery Management I	3	
OH	212	Landscape Development #1	3	
SOC	202	Introduction to Sociology		3
RT	204	Foundations of Business		3
OH	213	Landscape Development II		3
OH	211	Turfgrass Management		4
OH	215	Greenhouse and Nursery Management II		3
PED		Physical Education	1	1

OH 110 – Survey of Ornamental Horticulture. This course is designed to acquaint the student with the field of Ornamental Horticulture. A review is made of the industry in proximity of the Gulf Coast, the Southeast, and the nation. The segments of the industry include nurseries, greenhouses, turfgrass, landscaping, and sales and services. The scope and location of the industry is covered and related to employment opportunities and income potentials. A study is also made of the structures and equipment used in modern ornamental horticulture. One hour lecture and four hours laboratory. Three Semester Hours.

OH 111 – Fundamentals of Plant Growth. A fundamental course involving the chemical and physical activities of the plant such as photosyntheses, respiration, transpiration, anatomy, the cel and its function, photoperiodism, etc. Two hours lecture and two hours laboratory. Three Semester Hours.

OH 112 – Plant Materials I. This course is designed to provide the student with a practical knowledge of plant identification, landscape use and care of the important ornamental shrubs, trees, vines, flowers, and grasses adapted to southern conditions. One hour lecture and six hours laboratory. Four Semester Hours.

OH 113 – Plant Materials II. A continuation of Plant Materials I. One hour lecture and six hours laboratory. Four Semester Hours.

OH 210 – Plant Propagation. The scientific principles as a basis for practices in the propagation of ornamental plants. Propagation by seeds, cuttings, grafting, and budding are considered from a practical commercial production viewpoint. One hour lecture and four hours laboratory. Three Semester Hours.

OH 114 – Soil Management. This is a study of the physical, chemical and biological nature of soils, and the relationship between soils and growing plants. Soil mixtures specific to certain ornamental crops are emphasized. Three hours lecture and two hours laboratory. Four Semester Hours.

OH 211 – Turfgrass Management. The identification, establishment, maintenance, management, and sod production of turfgrass used for home lawns, golf courses, sports grounds, highways, and parks is included in this course. One hour lecture and six hours laboratory. Four Semester Hours.

OH 212 – Landscape Development I. Application of the principles of design to create a functional landscape using plant materials. The organization of outdoor space around the home and public places. Pest control and general maintenance of plants. One hour lecture and four hours laboratory. Three Semester Hours.

OH 213 – Landscape Development II. The execution of Landscape Architecture plans including plan lay-out, soil preparation, plant selection, and setting and cost analysis. Pest control and general landscape maintenance. One hour lecture and four hours laboratory. Three Semester Hours.

OH 214 – Greenhouse and Nursery Management I. A study of management practices involved in the commercial production of Ornamental Horticulture crops which covers crop programming and soil syntheses for specialized crops. One hour lecture and four hours laboratory. Three Semester Hours.

OH 215 – Greenhouse and Nursery Management II. Continuation of Greenhouse and Nursery Management I. One hour lecture and four hours laboratory. Three Semester Hours.

QUALITY CONTROL TECHNOLOGY FABRICATION INDUSTRIES

(Jackson County Campus - Two and One Half Year Terminal)

The quality control technology curriculum for the fabrication industries will develop students with the following:

- ability to use concepts of algebra, trigonometry and calculus in problem solving - familiarity with methods and applications of numerical analysis and laws of probability.
- a proficiency in the application of scientific principles including the basic concepts and laws of physics and chemistry that are pertinent in this field of technology.
- communications skills that include ability to interpret, analyze and transmit ideas graphically, orally and in writing and a high degree of reading comprehension ability.
- an understanding of the properties of materials commonly used in industry.
- an understanding of the principles of industrial manufacturing methods and processes.
- an appreciation of the integrity and legal relationships of industrial personnel and an insight into the psychology of quality control.
- an understanding of the principles and concepts of inspec-

tion and quality control instruments (destructive and NDT) as applied to industry. A high degree of skill in operation of testing equipment (including calibration) is necessary.

– an understanding of the statistical approach to quality and cost control - processing of statistical data, factor analysis and design of surveys.

Typical employment opportunities will include: Quality Control Technician, Inspector, Inspection Supervisor, Non-Destructive Test Technician, Operational Test Technician, Technical Writer (Test Procedures), Statistical Data Analysist, Quality Auditors.

This curriculum grants an Associate of Science Degree but is not designed for transfer credit to a senior college.

			SEMESTER HOURS First Semester	SEMESTER HOURS Second Semester
FIRST YEAR				
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107, 108	Technical Drawing	2	2
CHE	104, 105	Chemistry	4	4
MT	129	Engineering Materials	3	
ML	101	Metallurgy		3
MT	126	Manufacturing Processes		4
SECOND YEAR				
RT	202, 203	Technical Communication	2	1
RT	212	Technical Mathematics	3	
RT	115, 116	Technical Physics	3	3
ML	201	Metallurgy	4	
MT	227	Manufacturing Processes	4	
RT	204	Foundations of Business		3
QC	102	Statistics and Quality Control		3
MT	222	Industrial Inspection Methods		3
MT	217	Structural Design and Strength of Materials		3
MT	325	Welding Processes		3
THIRD YEAR				
ET	203	Industrial Electronics and Instrumentation	3	
ML	202	Materials Testing	3	
QC	202	Statistics and Quality Control	3	
CT	100	Computer Logic and Basic Programming	4	
MT	322	Industrial Inspection Methods	3	

QC 101 – Manufacturing Operations in the Process Industry. Introduction to manufacturing principles, such as heat transfer, evaporation, absorption, filtration, sedimentation, distillation, drying, flow of fluids; industrial instrumentation, and others. Three Semester Hours.

QC 102 – Statistics and Quality Control. A study of statistical concepts; analysis and evaluation of industrial and engineering data; and theory and application of Inspection Sampling Plans and Control Charts for the design, specification and control of quality. Three Semester Hours.

QC 201 – Quantitative and Instrumental Analysis. Fundamental techniques and principles of quantitative methods in inorganic chemistry; titrimetic, colorimetric, and gravimetric. Second half devoted to a study of capabilities and principles of instrumentation used in industrial quality control laboratories. Three lecture and six laboratory periods per week. Six Semester Hours.

QC 202 – Statistics and Quality Control. Special control chart methods for attributes and for variables, double and multiple sampling inspection; capability analysis, cover aspects of life testing and reliability, economic consideration of quality decisions. Prerequisite: QC 102 Statistics and Quality Control. Three Semester Hours.

QUALITY CONTROL TECHNOLOGY PROCESS INDUSTRIES

(Jackson County Campus - Two-Year Terminal)

The quality control technology curriculum for the process industries will develop students with the following:

- an ability to use mathematics such as algebra, trigonometry, plane and solid geometry and calculus.
- an understanding of the laws of physics.
- a thorough understanding of inorganic and organic chemistry.
- a good foundation in the Quality Control Functions, such as production planning, scheduling, inventory control, inspection and sampling and statistical control is necessary.
- an understanding of industrial instrumentation, both process control and lab testing.
- a basic understanding of computers and their uses in the process industry is needed.
- ability to understand, get along with, and work with people.
- the desire and ambition to eventually become a part of "top management"

Typical employment opportunities will include: Process Operator, Laboratory Assistant, Quality Control Inspector, Production Planner, Production Tester, Inventory Control Supervisor, and Quality Control Supervisor.

This curriculum grants an Associate of Science Degree but is not designed for transfer credit to a senior college.

	SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR		
RT 100, 101 Technical Communications	3	3
RT 110, 111 Technical Mathematics	3	3
CHE 104, 105 Chemistry	4	4

RT	115, 116	Technical Physics	3	3
CT	100	Computer Logic and Basic Programming	4	
QC	102	Statistics and Quality Control		3
QC	101	Manufacturing Operations in the Process Industry		3
SOPHOMORE YEAR				
RT	202, 203	Technical Communications	2	1
RT	212	Technical Mathematics	3	
CHE	201, 202	Chemistry	4	4
CHE	205	Chemistry	4	
ET	203	Industrial Electronics and Instrumentation	3	
QC	202	Statistics and Quality Control	3	
RT	204	Foundations of Business		3
QC	201	Quantitative and Instrumental Analysis		6
		Elective*		3

Suggested Electives: *American Government; History; General Psychology; English Literature; American Literature.

RADIO BROADCASTING TECHNOLOGY

(Jefferson Davis Campus - Two-Year Terminal)

A goal of this curriculum is to develop young men and women who are not only well trained technically, but who are equipped with a general education so they can perform effectively in the Broadcasting industry.

The program is designed to include the support and assistance of broadcasting stations located in the area served by the college. The Broadcasting curriculum at Jefferson Davis has the full support of the National Association of Broadcasters and the Mississippi Broadcasters Association.

The curriculum will provide a program of sufficient depth and scope so that in the event a student who has completed the two year program desires to continue his education, an extension of his training at a four year college can be accomplished with a maximum transfer of credits.

All students will qualify for the third class FCC license and will receive an Associate of Arts Degree.

			SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR				
RS	100	Introduction to Broadcasting	3	
RS	101, 200	Announcing I, II	4	4
ENG	100	English	3	
SPE	102	Speech	3	
COM	104	Typewriting	3	

RS 102	Radio Programming		3
RS 104	Radio Writing		2
DMT 100	Salesmanship		3
GOV 100	Government		3
PED	Physical Education	1	1

SOPHOMORE YEAR

RS 203	Announcing III	3	
RS 201	Radio Production	2	
RS 202	Radio News	3	
COM 107	Business	3	
DMT 107	Advertising	3	
RS 204	Radio Sales		3
RS 205	Radio Station Management		3
MAT 110	College Arithmetic		3
MUS 104	Music Appreciation		3
PSY 200	Psychology		3
PED	Physical Education	1	1

If a student has taken high school typewriting a three hour elective will be required.

Announcing I is a prerequisite for Radio Production, Radio News and Announcing II and III. DMT 100 and 107 are prerequisites for RS 204.

RS 100 – Introduction to Broadcasting. To provide an understanding of American broadcasting both as a form of business enterprise, organization and operations of stations and networks, and the ways in which economic considerations affect those operations and the selection programs to be put on the air. A wide background of information about broadcasting and the broadcasting industry that will enable each individual to make his own appraisal of this form of mass communication. Three Semester Hours.

RS 101 – Announcing I. To provide the student with the basic skills now required of the radio announcer. Dictiction, pronunciation and reading. To familiarize the student completely with the equipment at a radio station. Lab hours at students convenience will be required. Three Semester Hours.

RS 102 – Programming. To provide the student with a working knowledge of the Programming and Traffic Department at a radio station. Station format, traffic and logging procedures. Three Semester Hours.

RS 104 – Radio Writing. To explain the mechanics and techniques of writing radio commercial copy and to provide the beginner with the means for practical application of information about copy writing and thus lessen the need for on-the-job training. Two Semester Hours.

RS 200 – Announcing II. To prepare the student for the FCC test for Radio Telephone Third Class Operator Permit. To simulate actual broadcast situations so that the student will progress more rapidly without on the job training. To increase the student's reading, voice and style ability with emphasis on newscasting and commercials. Lab hours at students convenience will be required. Four Semester Hours.

RS 201 – Radio Production. To stimulate the students imagination in the writing and production of commercials, designed to add color and showmanship to a stations programming, and offer variety that lends identification to a particular sponsor, product or event. Two Semester Hours.

RS 202 – Radio News. The gathering, writing and presentation of news. To provide the student with the basic fundamentals of radio news and the operation of a radio news room. Three Semester Hours.

RS 203 – Announcing III. To give the student a general review of materials offered in Announcing I and II so that a smoothing of style, voice, diction and pronuncing may take place. Concentration will be given to the communication of ideas and improvement of voice and body control, pronunciation and development of mike technique. For the slower student, individual instruction will take place at this time. Three Semester Hours.

RS 204 – Radio Sales. Sales as applied to radio broadcasting. To train the student in the business, economics and marketing of radio sales promotion. Three Semester Hours.

RS 205 – Radio Station Management. To acquaint the student with the know how of radio station operations. A close scrutiny of all phases of station operation. The organizational set up, programming, engineering, personnel, accounting, sales and promotion of a radio station. Three Semester Hours.

X-RAY TECHNOLOGY

(Jackson County Campus - 30 Months Terminal)

This program of thirty months duration is offered jointly by Jackson County Campus and Singing River Hospital and it includes courses leading to the Associate of Science Degree. Students who successfully complete this program are prepared for employment in hospitals, clinics and medical offices as X-Ray Technicians.

The Department of Radiology at Singing River Hospital, in which students gain their laboratory and practical work experience, is recognized as an extended campus. The X-Ray Technology instructor is assisted and advised by the hospital radiologists.

In addition to their lectures and laboratory periods, X-Ray Technology students are scheduled for approximately 15 hours per week of supervised practical work experience during the first 24 months of their program. This includes formal instruction in: Professional Ethics; Orientation and Elementary Radiation Protection; Equipment Maintenance. At the end of their first 24 months of study and work, X-Ray Technology students will continue on for an additional 6 months of practical work. The practical work requirement is necessary so that the students can qualify to take the registered

registered technicians test with the American Society of X-Ray Technicians.

The details of this program are subject to revision. Applicants will be screened on the basis of performance and potential for the number of clinical openings available.

		SEMESTER HOURS First Semester	Second Semester
FRESHMAN YEAR			
ENG 100, 101	English	3	3
BIO 102, 103	Anatomy and Physiology	3	3
MAT 101	Mathematics	3	
PSY 200	General Psychology	3	
XT 100	Formulating X-Ray Techniques	4	
COM 104	Typewriting*		3
XT 101	Radiation Therapy		3
XT 220	Fundamental of X-Ray and Radium Physics		4
SUMMER			
SOC 202	Introduction to Sociology	3	
PSY 201	Child Growth and Development	3	
XT 200	Nuclear Medicine	3	
XT 202	Nursing Procedure Pertaining to Radiology	3	
SOPHOMORE YEAR			
XT 210	Introduction to the Study of Diseases	4	
XT 211	Radiology of the Osseous System	6	
XT 213	Intra-Oral Radiography	3	
XT 221	Common Radiographic Procedures with Contrast Media		6
XT 222	Special Radiographic Procedures		6
RT 115, 116	Technical Physics	3	3
SUMMER			
XT 230	Pediatric Radiography	6	
XT 231	Film Critique	6	

*Students who have had high school typewriting will take either COM 205 Secretarial Procedures or ECO 209 Principles of Economics.

XT 100 (101) – Formulating X-Ray Techniques. General course which deals with the X-Ray film, chemicals, X-Ray machines to the finished product. Four Semester Hours.

XT 101 (200) – Radiation Therapy. Introduction, physical principles, types of radiation and machine, tissue reaction record keeping, professional relationship. One lecture and four laboratory hours per week. Three Semester Hours.

XT 200 (201) – Nuclear Machine. Terminology and units, instrumentation, radiation protection, records and administration procedures. One lecture and four laboratory hours per week. Three Semester Hours.

XT 202 – Nursing Procedure Pertaining to Radiology. Handling of patients, aseptic techniques, tray set-up, artificial respiration, anesthesia, operating room and bedside radiography. Two lecture and two laboratory hours per week. Three Semester Hours.

XT 210 (100) – Introduction to the Study of Diseases. This course will familiarize the student with causes of diseases, precautions that should be taken in the handling of sick patients. The students will also become familiar with the functions of different systems of the body. Four Semester Hours.

XT 211 – Radiology of the Osseous System. Evaluation of patients as the habitus, topographical anatomy, projections and X-Ray techniques for the entire skeleton. One and one half hour lecture and nine laboratory hours per week. Six Semester Hours.

XT 213 (230) – Intra-Oral Radiography. Anatomy, landmarks, radiographic examinations and their purpose, protection. One half hour lecture and five laboratory hours per week. Three Semester Hours.

XT 220 (200) – Fundamentals of X-Ray and Radium Physics. This course deals with simplified mathematics, electric current, magnetism, electric generators and motors. The majority of the time will be spent studying the principles of X-Ray equipment and the production of X-Rays. Gamma Rays as emitted by radium, X-Ray protection and measurements will be taught. Four Semester Hours.

XT 221 (210 – Common Radiographic Procedures with Contract Media. Using contrast material, characteristics, and chemistry of different contrast materials, reaction to media, preparation and administration, proper radiographic projections, anatomy and physiology or organs studied. One and one half hour lecture and nine laboratory hours per week. Six Semester Hours.

XT 222 (231) – Special Radiographic Procedure. Special radiographic equipment, different procedures and contrast material used, anatomy of parts involved. One and one half hour lecture and nine laboratory hours per week. Six Semester Hours.

XT 230 (221) – Pediatric Radiography. Equipment and accessories, handling of children, systematic studies about the same as adults, techniques. One and one half hour lecture and nine laboratory hours per week. Six Semester Hours.

XT 231 (222) – Film Critique. This course deals with the evaluation of the student's finished product, the exposed film. The student will be taught what is expected and then will be criticized by film evaluation. Contrast density, gamma and other qualities will be taught. Six Semester Hours.

RELATED TECHNICAL COURSES

RT 100 – Technical Communication. Stresses fundamentals of general and written communications. A course to improve the use of the English Language as a means of communication. The student studies the language starting with words, and progresses through their use in sentences, to the use of sentences in paragraphs, to the forms and uses of paragraphs. The scientific method and

approach to writing is studied, as the means of starting the writing process. Three Semester Hours.

RT 101 – Technical Communication. Stresses fundamentals of oral and written communications. The broad subject matter of this course covers speech and technical correspondence. The student will be instructed in the preparation and delivery of various types of speeches including parliamentary procedures. Technical correspondence will cover such matters as business letters, memoranda, reports, work instructions and procedures. Prerequisite: RT 100 Technical Communication. Three Semester Hours.

RT 202 – Technical Communication. Projects in Technical Communications. This course will stress the preparation of oral and written communications as assigned by technical instructors. Close coordination and supervision will be exercised by both the technical, and communications instructors throughout the assigned projects. Prerequisite: RT 101 Technical Communication. Two Semester Hours.

RT 203 – Technical Communications Seminar. Students will meet with the technical communications instructor by appointment to consult regarding the report of an original investigation in their specific technologies. Prerequisite: RT 202 Technical Communication. One Semester Hour.

RT 204 – Foundations of Business. This course is designed to acquaint students with the general aspects of the business and industrial world, and primary consideration will be given to the area of human relations, legal responsibilities, and economic considerations. Three Semester Hours.

RT 106 – 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. Three Semester Hours.

RT 107 – Technical Drawing. Preliminary training is given in free-hand drawing, shades and shadows, the use of instruments, geometric construction, isometric oblique and cabinet projection; the development of surfaces and intersections for sheet metal work. Preliminary and special lettering exercises are given. Four laboratory periods per week. Two Semester Hours.

RT 108 – Technical 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 representation. Neatness, accuracy and economy of time are stressed. Four laboratory periods per week. Prerequisite: RT 107 Technical Drawing. Two Semester Hours.

RT 110 – Technical Mathematics. This course covers the slide rule; tables and interpolation, applications in geometry; introduction to algebra; linear equations in one unknown; functions and graphs; systems of linear equations; exponents and radicals; the Binomial Theorm; logarithms exponential functions rate of growth; quadratic equations in one unknown; simultanious quadratic equations and curve sketching; nonlinear empirical equations; ratio, proportion, variation, progressions. Three Semester Hours.

RT 111 – Technical Mathematics. This course covers the right triangle; vectors and trigonometry; oblique triangles, trigonometric applications and review; vectors, trigonometric formulas, identities, and equations; graphs of the trigonometric functions, complex numbers and positions vectors. Prerequisite: RT 110 Technical Mathematics. Three Semester Hours.

RT 113 – 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. Three Semester Hours.

RT 115 – Technical Physics. This course presents the fundamental principles, definitions, and terms of mechanics. Two lecture and two laboratory periods per week. Three Semester Hours.

RT 116 – Technical Physics. This course deals with the fundamental principles of magnetism and electricity. Two lecture and two laboratory periods per week. Three Semester Hours.

RT 208 – 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. Three Semester Hours.

RT 209 and RT 210 – Plane Surveying. A study is made of the theory and practice of plane surveying, including the use and care of instruments, land descriptions, and calculations, and the use of aerial photographs. Two lecture and two laboratory periods per week. Three Semester Hours.

RT 211 – Metal Processing. A study is made of the various methods by metal which 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. One lecture and four laboratory periods per week. Three Semester Hours.

Group VIII Vocational

AUTOMOTIVE MECHANICS

(Jackson County and Perkinston Campuses)

This program of two semesters duration is designed for beginning students who have had little or no experience in the automotive field. Students successfully completing this program will have acquired the basic knowledge and skills which will enable them to successfully enter the automotive trade.

LEARNING UNITS	CLOCK HOURS
A. Automotive Engine	278
B. Fuel System	80
C. Electrical System	100
D. Cooling System	20
E. Power Train	130
F. Suspension System	120
G. Steering System	50
H. Braking System	50
I. Heating and Air Conditioning	30
J. Welding, Cutting and Brazing	78
K. Trade Mathematics	90
L. Applied Science	54
Total Clock Hours	1080

CARPENTRY

(Jefferson Davis Campus - Nine Months Course)

The general objective of the Carpentry course is to develop knowledge and skills that prepare the trainee for entry into the carpentry trade on an advanced trainee level. Students are in class six hours per day five days a week for nine months.

Related instruction by lecture, demonstration, the use of audio-visuals, etc. immediately precedes application by the trainee in shop practice; instruction and its application are correlated as closely as possible at all times, and the major allotment of time is given to the development of manipulative skills.

	CLOCK HOURS
I. Course of Study	945
A. Lumber	80
B. Tools	80
C. Foundation	180
D. Framing	300
E. Exterior Finish	120
F. Interior Finish	185

	CLOCK HOURS
II Related Information	135
A. Sketching and Layout	45
B. Print Reading	45
C. Trade Mathematics	45
Total Hours	1080

INDUSTRIAL ELECTRICITY/ELECTRONICS

(Jefferson Davis Campus - Nine Months Course)

This course is designed to prepare an individual to gain employment in various electrical trades. Major emphasis is placed upon basic electricity the first semester to provide the foundation that is needed for further education in electricity and the expanding field of electronics in industry.

A student pursuing this type of course is given instruction and manual training in many related areas of electrical work. thus enabling him to choose the area that his natural abilities will allow him to excel in.

Industrial Electricity has grown to the point where electronic control systems are replacing manual and mechanical systems. With this fact in mind. the course includes studies in electronic devices and circuitry with training in schematic and wiring diagram interpretation. trouble shooting. maintenance and repair techniques and the care and use of electronic test equipment.

Upon graduation. the student receives a Certificate of Completion from the Mississippi State Department of Vocational-Technical Education. He can be an asset to any employer and the community by virtue of having had a headstart in learning and utilizing the skills that the average electrical tradesman needs to perform his duties.

MAJOR UNITS OF INSTRUCTION

FIRST SEMESTER	
I. Basic Industrial Electricity	270 Hours
II. Advanced Industrial Electricity	270 Hours
SECOND SEMESTER	
III. Basic Industrial Electronics	270 Hours
IV. Advanced Industrial Electronics	270 Hours
Total Clock Hours	1080

MACHINE SHOP

(Jackson County Campus)

This program of two semesters duration is designed for beginning students who have had little or no experience as a machinist. Students successfully completing this program will have acquired the

knowledge and skills necessary to enter the Machine Shop field as an advanced learner. Individuals completing this program will be capable in such areas as: production of shop sketches, interpretation of machinery drawings, know the operation and perform operations on lathes, shapers, milling machines, drill presses, grinders, and planers.

LEARNING UNITS	CLOCK HOURS
A. Bench Work	50
B. Power Saws	40
C. Engine Lathe	389
D. Drilling Machine	10
E. Shaper	24
F. Milling Machine	180
G. Grinding Machines	100
H. Welding	100
I. Drawing Interpretation, Sketching and Layout	43
J. Trade Mathematics	90
K. Applied Science	54
Total Clock Hours	1080

MAINTENANCE MECHANIC COURSE

(Jefferson Davis Campus)

This course is a two-year program which is diversified in contents. It is segmented into twelve-week sections consisting of theory and practical training in each of the following areas: 1. Industrial Electricity/Electronics, 2. Metal Trades, 3. Air Conditioning and Refrigeration, 4. Plumbing, 5. Carpentry, 6. Mortar Trades.

In addition, a student of this course is required to take one clock hour per day of related instruction.

Total instructional time is six hours per day five days per week and 18 months for 2 years.

The course is approved by the Veterans Administration for G.I. Bill benefits.

The goal of this course is to provide a well rounded education in maintance practices in each of the above mentioned areas so that a graduate is capable of successful employment by hotels, motels, plants, factories, and building contractors, as well as self-employment.

A certificate is granted upon successful completion of all areas.

METAL TRADES

(Jefferson Davis Campus - Nine Months Course)

One of the objectives of the Vocational Metal Trade Program is to develop entry-level knowledge and skills in those trainees having an identifiable occupational goal in machine shop, or about metal, or combination welder.

The alternative objective of the program is defined as one that will develop knowledge and skills to the metal trades occupational cluster, namely machinist, sheetmetal worker, and combination welder.

The duration of the training is normally six hours per day, five days per week, thirty-six weeks per year for one year.

Related instruction by lecture, demonstration, the use of audio-visuals, and others immediately precedes application by the trainee in shop practice; instruction and its application are correlated as closely as possible at all times; and the major allotment of time is given to the development of manipulative.

I.	Oxy-acetylene welding, brazing and cutting	200
	A. Oxy-acetylene Theory	15
	B. Fundamental Techniques	90
	C. Oxy-acetylene brazing and soldering	50
	D. Oxy-acetylene burning	45
II.	Electric Arc Welding	250
	A. Arc Welding Theory	20
	B. Fundamental Techniques	35
	C. Plate Welding (Flat, Vertical, and Overhead)	90
	D. Pipe Welding (Flat, Vertical, and Overhead)	90
	E. Testing Welds	15
III.	Inert Gas Welding	50
IV.	Sheet Metal	200
	A. Scale and Precision Measurements	20
	B. Geometric Construction and Layout	50
	C. Benchwork	50
	D. Setup and Operation of Forming Equipment	80
V.	Machine Shop	200
	A. Measuring and Layout Tools and Techniques	15
	B. Engine Lathe	40
	C. Drill Press	10
	D. Shaper	40
	E. Milling Machine	50
	1. Manual (30)	
	2. Programmed (20)	
	F. Grinding	10
	G. Power Saws	5
	H. Hand Tools	30
VI.	Related Instruction	180
	Total Clock Hours	1080

PIPEFITTING

(Jackson County Campus)

The Pipefitting program of two semesters duration is designed for beginners who have had little or no experience in the pipefitting field. Students successfully completing this program will have acquired the knowledge and skills which will enable them to successfully enter the Pipefitting trade on the advanced learner's level.

LEARNING UNITS		CLOCK HOURS
A	Pipe Fabrication	289
B	Pipe Metal Joining	150
C	Piping System Metallurgy	100
D	Non-Destructive Testing	92
E	Pipe Drawing and Blueprint Reading	200
F	Pipefitting Chemistry and Physics	21
G	Pipe Fabrication, Applied Mathematics, and Precision Measurements	90
H	Factors in Selecting Piping Materials	21
I	Ship Construction	76
J	Production and Quality Control Systems	21
K	Industrial Safety	20
	Total Clock Hours	1080

PLUMBER

(Jefferson Davis Campus - Nine Month Vocational)

The primary objective of the plumbing program is to help the trainee develop knowledge and skills which will prepare him to enter the plumbing trade on the advanced learner's level.

The duration of training is six hours per day, five days per week, thirty-six weeks per year for one year.

Students are given related instruction by lecture, demonstration, the use of audio-visuals, etc. immediately precedes application by the trainees in shop practice, instruction and its application are correlated as closely as possible at all times; and the major allotment of time is given to the development of manipulative skills.

LETTERPRESS PRINTING

(Perkinston - Nine Month Vocational)

This program incorporates two regular college semesters. In order for a student to complete the entire program both semesters must be completed.

This course is a basic course for printing trades. Training given in elements of composition, operating power machines, printers mathematics, design, layout, proofreading, principles of presswork, type recognition.

Advanced training is given in typesetting, job and book printing, composition, lockup, newspaper make-up, complex rule forms, fine job work and related subjects.

OFFSET PRINTING

(Perkinston - Nine Month Vocational)

This program incorporates two regular college semesters. In order for a student to complete the entire program both semesters

must be completed.

This course prepares the student to enter the offset printing trade with a thorough understanding of the trade s fundamentals. Emphasis is placed on good work habits and an appreciation of good printing.

MAJOR UNITS OF INSTRUCTION

I. Orientation
II. Varityper and Headline Composition
III. Camera and Darkroom Technique
IV. Layout and Stripping
V. Platemaking
VI. Operation of Duplicators and Presses
VII. Inks, Mixing, and Adjusting
VIII. Care of Offset Blankets, Dampening, and Ink Systems
IX. Paper Handling, Sizes, Weights, Kinds, etc.
X. Bindery
XI. Class Problems

PRACTICAL NURSING

(Jefferson Davis and Jackson County Campuses - Twelve Months)

This program is designed to train students to become Licensed Practical Nurses. Students are enrolled four months in fundamentals which is primarily classroom and laboratory work. Students then spend eight months in a hospital under the supervision of qualified instructor nurses. Upon successful completion of this course, students are eligible to write the State Board Examination to become Licensed Practical Nurses. Application for this program should be made directly to your local employment office. Jackson County applicants make applications for admittance directly to campus.

TOPICAL OUTLINE OF MAJOR UNITS

AREA I:
FOUNDATION - Four (4) Months
Orientation
Health: Individual, Family, Community
Normal Nutrition
Normal Body Structure and Function
Human Development
Introduction to Nursing the Patient
Introduction to Illness

AREA II:
CLINICAL - Eight (8) Months
Vocational Relationships
Medical-Surgical Nursing - Meeting Nursing Needs
Children
Adults
Aged and Chronically Ill
Mothers and Newborns - Meeting Nursing Needs

SPECIAL AREAS:
Central Supply Room
Emergency Room
Other

REFRIGERATION & AIR CONDITIONING

(Jefferson Davis Campus - Nine Months)

This curriculum is designed to give the fundamentals of air conditioning and refrigeration with a working knowledge of all phases of this field. It is designed to enable students to successfully enter and progress in the field of air conditioning and refrigeration installation, service, and repair. The study of related basic theory and scientific principles is coupled with practical application and experience in varied laboratory experience. This program is nine months in length, students attend class five hours per day, five days per week.

MAJOR UNITS OF INSTRUCTION

FIRST SEMESTER

I. Introduction to Refrigeration
   A. Refrigeration Systems, Cycles, and Classification
   B. Heat Flow
II. Tools and Equipment
III. Heat and Temperature
   A. The effect of heat energy in refrigeration
   B. Temperature measurement, indicators, controls, and recorders
IV. Refrigeration Control Valves and Cap Tubes
V. Motor Controls
VI. Basic Electricity and Motors

SECOND SEMESTER

I. Servicing Refrigeration Equipment
II. Trouble Shooting Refrigeration Equipment
III. Commercial Refrigeration

SAW TECHNICIAN

(Perkinston Campus)

The purpose of the Saw Technician Program is to enable the trainee to develop knowledge and skills which will prepare him to enter the Saw Filing trade.

The course consists of six hours per day, five days per week for nine months.

The student is given classroom instruction and actual experience with modern saw filing equipment.

SECRETARIAL TRAINING

(Offered on all three campuses - One Semester)

This course is designed to train an individual in the basic office skills necessary for employment in the business world. Intensive instruction will be given in modern classrooms with the latest equipment. Class enrollment is limited to twenty persons.

MAJOR UNITS OF INSTRUCTION	HOURS
I. Orientation and Introduction	
II. Typewriting This unit includes keyboard, technique, work habits, letters, tabulations, outlines, and manuscript typing.	126
III. Shorthand This unit includes Gregg Shorthand, DJS, theory, phrasing, brief forms, dictation, transcription, and letter placement.	108
VI. Business English This unit includes a study of the basic parts of speech, sentence structure, and punctuation.	63
V. Business Writing This unit includes the principles of letter writing and their application to inquiry, order, credit, collection, sales, and application letters.	27
VI. Office Machines This unit includes the ten-key adding machine, full-key adding machine, printing calculator, key punch,* fully automatic rotary calculator, semi-automatic rotary calculator, manual and electric mimeo duplication, manual and electric spirit duplication.	72
VII. Secretarial Procedures This unit includes skills such as handling mail, telephone technique, filing, transcription equipment, and preparation for employment.	72
VIII. Business Mathematics This unit includes the four basic mathematical operations, including fractions and the use of decimals, and applications such as reconciling bank balances.	27
IX. Secretarial Accounting This unit will enable students to have a basic understanding of the accounting cycle including the special journals and the periodic summary.	45

*Key punch is offered only at Jefferson Davis Campus.

SHEETMETAL WORK

(Jackson County Campus)

The Sheetmetal program of two semesters duration is designed for students beginning in the sheetmetal field. Students successfully completing the program will be equipped with the knowledge and skills necessary to enter this field as an advanced learner. Individuals completing this program will be capable in such areas as: Use of measuring instruments, layouts, hand processes, machine processes, welding, cutting and brazing.

LEARNING UNITS	CLOCK HOURS
A. Measurements	23
B. Layout	440
C. Hand Processes	230
D. Machine Processes	140
E. Welding, Cutting and Brazing	57
F. Blueprint Reading	39
G. Drawing	43
H. Safety	20

I	Metals and Materials	34
J	Trade Mathematics	54
	Total Clock Hours	1080

TELEVISION PRODUCTION

(Jackson County Campus - One Semester)

Students in the Television Production class will participate in the audio-visual work associated with all classes on Campus and in particular the production of closed-circuit television tapes for the College. Students will learn the basic skills of television camera operation, lighting, set building and will gain a broad understanding of the operation of a television broadcast station. Successful completion of the course should enable the student to be employed as an advanced learner in the television production field.

LEARNING UNITS		CLOCK HOURS
A	Camera Operation	210
B	Lighting	90
C	Set Design	60
D	Audio Control	60
E	Production Planning	30
F	Directing	30
G	Field Trips and Work at Broadcast Stations	60
	Total Clock Hours	540

TROWEL TRADES

(Jefferson Davis Campus - Nine Months Course)

This curriculum is designed to prepare an individual for gainful employment in the masonry trades. The trainee will have the opportunity to acquire knowledge and develop skills to the limits of his capabilities.

Major emphasis is placed on the use and care of tools and equipment in the trowel trades and the development of skills in laying brick, concrete, block, trade mathematics, and blue-print reading.

Minor emphasis on concrete finishing, dry-wall finishing, tile work and glass block construction.

This course will assist those students interested in bricklaying as a career to explore skills necessary to master this craft. The student completing this curriculum can be an asset to any employer and the community by virtue of having had a head start in related information and technical skills that will enable him to enter the world of work as an advanced trainee.

The study of related basic theory and modern techniques in coupled with practical application and experience in varied laboratory projects. This course is nine months or two semesters in length.

COURSE OF STUDY	HOURS
A. Fundamentals of Bricklaying	30
B. Mortar types, properties and uses	20
C. Corner leads in various bonds	60
D. Residential construction	230
E. Bonds, Pattern and Texture	50
F. Mortar joints and Tooling	15
G. Flues, fireplace construction and corbelling	75
H. Arches, Lintels, layout, construction	90
I. Concrete Block	120
J. Concrete	80
K. Gypsum and dry-wall construction	40
L. Scaffolding construction and dismantling	10
M. Miscellaneous Masonry Construction	60
N. Tile Setting and glass block construction	20
O. Related Information	180
Total Clock Hours	1080

WELDING

(Jackson County Campus)

This program of two semesters duration is designed for beginners who have had little or no experience in the welding field. Students successfully completing this program will have acquired the knowledge and skills which will enable them to successfully enter the welding trade.

LEARNING UNITS	CLOCK HOURS
A. Tack Welding	200
B. Plate Welding	160
C. Burning	45
D. Pipe Welding	262
E. Metal Inert Gas Welding (Mig)	125
F. Tungsten Inert Gas Welding (Tig)	100
G. Welding Theory	30
H. Welding Technique, Procedures, Speed and Cost	18
I. Weldability of Metals	30
J. Basic Design and Production Data for Low Cost Welding	25
K. Blueprint Reading	40
L. Trade Mathematics	45
Total Clock Hours	1080

APPRENTICE SCHOOL

(Jackson County Campus)

The Jackson County Campus conducts an Apprentice School of Related Instruction in cooperation with the Ingalls Shipbuilding Corporation of Pascagoula, Mississippi.

At present related information classes are being conducted on a systematic basis for the following crafts:

Boilermaker	Carpentry
Electrician	Machinist
Pipefitter	Sheetmetal Worker

Any individual desiring to serve an apprenticeship should contact the Employment and Training Department of the Ingalls Shipbuilding Corporation of Pascagoula, Mississippi.

OCCUPATIONAL EXTENSION CLASSES

The Mississippi Gulf Coast Junior College is continually striving to meet the training needs of this area. One phase of vocational and technical education is occupational extension classes which are designed to assist employed persons in keeping abreast of new developments in their vocation and to provide an opportunity for advancement. This college, has therefore, attempted to offer short-term specialized classes as a need for them is identified. Courses of this nature are non-credit and may be developed upon request of interested persons providing sufficient enrollment makes such a class feasible. Contact the Dean of any of the three campuses for further details.

INDEX