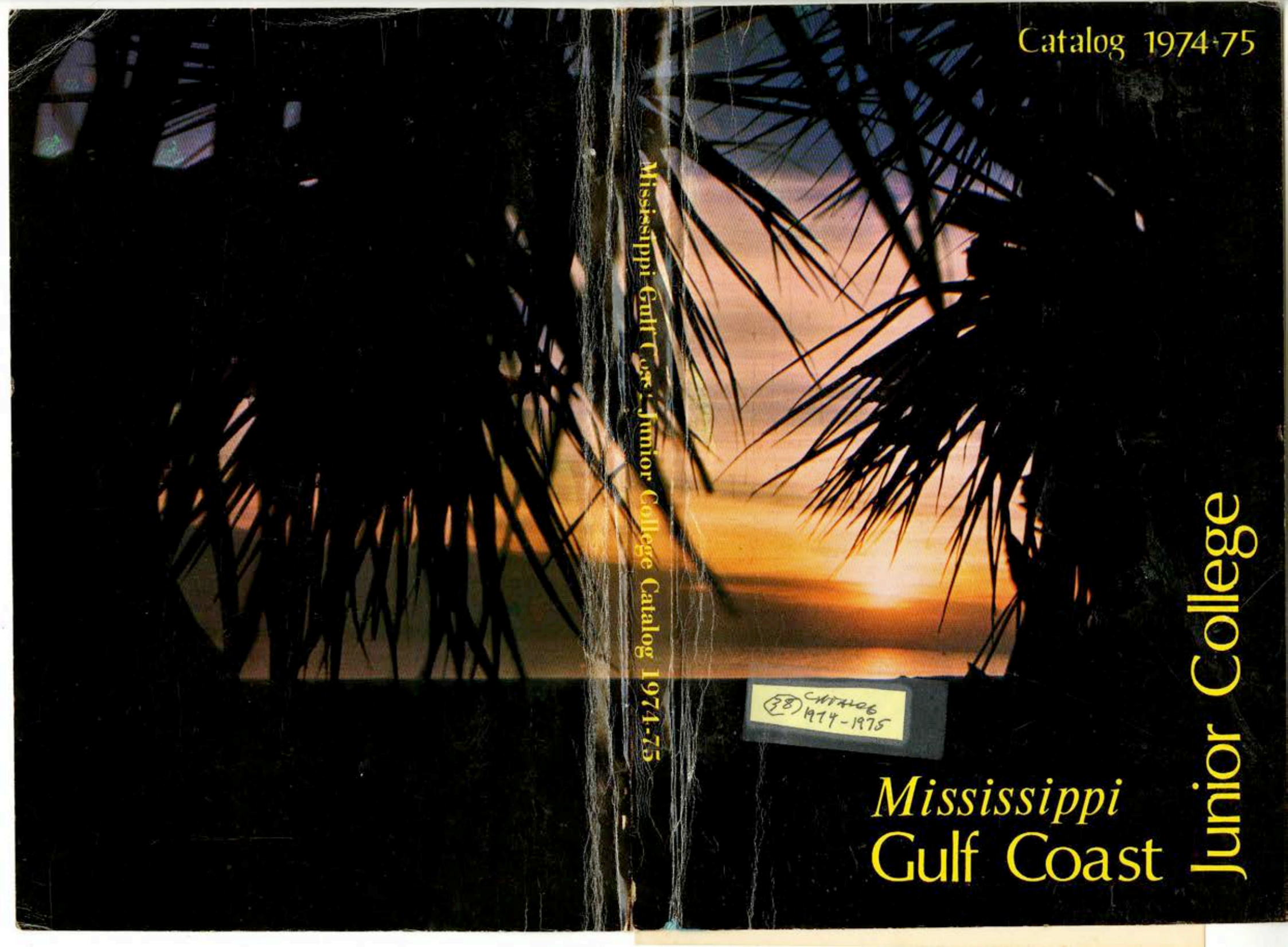
Catalog 1974-75
Mississippi Gulf Coast Junior College Catalog 1974-75
(38) CATALOG 1974-1975
Mississippi
Gulf Coast
Junior College

Mississippi
Gulf Coast Junior College

Mississippi's First Tri Campus College

District Administration Offices
Perkinston, Mississippi 39573

JACKSON COUNTY CAMPUS

(Established 1965)
Gautier, Mississippi 39553

JEFFERSON DAVIS CAMPUS

(Established 1965)
Handsboro Station Gulfport, Mississippi 39501

PERKINSTON CAMPUS

(College division established 1925)
Perkinston, Mississippi 39573

George County Occupational Training Center

(Established 1972)
Lucedale, Mississippi 39452

Harrison, Stone, Jackson and George Counties Cooperating

Accredited By
Southern Association of Colleges and Schools

CATALOG 1974-75

TABLE OF CONTENTS

FOREWORD

This publication is intended to be a helpful source of information about the opportunities for education advancement offered by Mississippi Gulf Coast Junior College. The college offers two years of senior college parallel programs covering a broad scope of subjects, plus more than 40 technical and vocational programs.

This Bulletin covers general academic requirements and procedures, student activities, curriculum and course descriptions. Also included are descriptions of the physical facilities on Jackson County Campus at Gautier, Jefferson Davis Campus at Handsboro, both non-resident, and Perkinston Campus at Perkinston, which has dormitory facilities for men and women. Material is also included on the George County Occupational Training Center.

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

ACCREDITATION

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

CALENDAR

1974

AUGUST

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1975

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DECEMBER

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28	29	30	31			

COLLEGE CALENDAR 1974-75

August 21, 22, 23 – Faculty Workshops.

First Semester

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

Monday, August 26 – Dormitories open; Perkinston boarding students report. Registration – all campuses. First semester fees due. Semester room rent and first month's board due at Perkinston.
Tuesday, August 27 – Registration continues.
Wednesday, August 28 – Classes begin.
Friday, September 6 – Last day to drop a course without a grade.
Monday, September 2 – Holiday.
Tuesday, September 9 – Last day to enter a first semester course.
Monday, September 23 – Second month's board due at Perkinston.
Monday, October 21 – Third month's board due at Perkinston.
Friday, October 25 – First term ends. Grade reports due.
Monday, November 18 – Board due at Perkinston for the remaining five weeks of first semester.
Wednesday, November 27 – Thanksgiving holidays begin after fourth period class.
Monday, December 2 – Classes resume.
Friday, December 20 – Semester ends. Christmas holidays begin after classes.

Second Semester

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

Monday, January 6 – All administrative offices open.
Thursday, Friday, January 9 and 10 – Registration. Second semester fees due. Semester room rent and first month's board due at Perkinston.
Monday, January 13 – Classes begin.
Monday, January 27 – Last day to enter a second semester course.
Thursday, February 6 – Second month's board due at Perkinston.
Thursday, March 6 – Third month's board due at Perkinston.
Friday, March 14 – First term ends. Grades due.

Friday, March 21 – Spring holidays begin after classes. Administrative offices open Monday, March 24 through Thursday, March 27.
Monday, March 31 – End of spring holidays.
Thursday, April 10 – Board due at Perkinston for the remaining five weeks of second semester.
Wednesday, May 14 – Second semester ends.
Wednesday, Thursday, Friday, May 14, 15, 16 – Graduation exercises for the three campuses.

Summer Session 1975

Monday, June 2 – Registration.
Friday, July 3 – First five-week term ends.
Monday, July 7 – Second five-week term begins.
Friday, August 8 – Session ends.

College Calendar for Jefferson Davis Campus Keesler Center

Fall Term (Sept. 2 – Nov. 15)

August 19	Begin registration
August 30	End registration
September 2	Labor day holiday
September 3-9	Late registration
November 11, 12, 13, 14	Final examinations

Winter Term (Nov. 25, 1974 – Feb. 21, 1975)

November 11	Begin registration
November 20	End registration
November 25-29	Late registration
December 19	Begin Christmas holidays after classes
January 6	Classes resume
February 17, 18, 19, 20	Final examinations

Spring Term (March 3 – May 16)

February 17	Begin registration
February 28	End registration
March 3-7	Late registration
March 21	Spring holiday
March 28	Easter holiday
May 12, 13, 14, 15	Final examinations

Summer Term (June 2 – August 8)

May 19	Begin registration
May 30	End registration
June 2-6	Late registration

July 4	Independence Day holiday
August 4, 5, 6, 7	Final examinations

Semester Testing Schedule

FIRST SEMESTER

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

SECOND SEMESTER

Thursday, 8-10, 1st Period MWF classes
10-12, 3rd Period MWF classes
1-3, 5th Period MWF classes

Friday, 8-10, 1st, 2nd Period TT classes
10-12, 3rd, 4th Period TT classes
1-3, 7th MWF classes

Monday, 8-10, 2nd Period MWF classes
10-12, 4th Period MWF classes
1-3, 6th Period MWF classes

Tuesday, 8-10, 5th, 6th or 6th, 7th classes

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

Jefferson Davis Campus at Handsboro

BOARDS OF SUPERVISORS

HARRISON COUNTY

Earnest C. Melvin	Beat 1	Biloxi
Rimmer Simpson	Beat 2	Route 2, Gulfport
Robert L. Reed, Jr.	Beat 3	Pass Christian
Hue B. Snowden	Beat 4	Gulfport
Arlan Robinson	Beat 5	Gulfport
Nicky Creel	Chancery Clerk	Gulfport

STONE COUNTY

John Dees	Beat 1	Wiggins
O. B. Brown	Beat 2	Route 2, Perkinston
Lee Overstreet, Sr.	Beat 3	McHenry
Orbin Mallet	Beat 4	Wiggins
Glennis Hunt	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

Vernon Howell	Beat 1	Lucedale
K. M. Brannon	Beat 2	Lucedale
Woodrow Cochran	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	December 1977	1	Biloxi
Russell A. Quave	June 1978	1	Biloxi
James E. Reese	December 1973	2	Gulfport
W. H. Starr	June 1976	2	Gulfport
Donald Demetz	December 1974	3	Pass Christian
Earl Sellier	June 1974	3	De Lisle
T. W. Milner, Jr.	December 1975	4	Gulfport
Harold Levron	June 1975	4 & 5	Saucier
J. E. Wentzell	December 1976	5	Gulfport
Robert D. Ladner	December 1975 Supt. of Ed.		Gulfport

STONE COUNTY

W. W. Taylor	December 1977	1	Wiggins
Hiram J. Davis	December 1973	2	Perkinston
William S. Mauldin, Jr.	December 1974	3	McHenry
Parnell Anderson	December 1975	4	Wiggins
Gordon G. Bond	December 1976	5	Perkinston
James V. Gordon	December 1975 Supt. of Ed.		Wiggins

JACKSON COUNTY

Franklin Hamilton	December 1977	1	Hurley
R. A. Roberts	December 1973	2	Moss Point
Warner Peterson	December 1974	3	Pascagoula
J. K. Lemon	December 1975	4	Ocean Springs
Norman V. Flurry	December 1976	5	Perkinston
R. H. Slaughter, Jr.	June 1977 County at Large		Pascagoula
M. H. Mallette	December 1975 Supt. of Ed.		Pascagoula

GEORGE COUNTY

Wilbur G. Ward	December 1977	1	Lucedale
Luther Jones	December 1973	2	Lucedale
M. L. Pope	December 1974	3	Lucedale
Arlie Howell	December 1975	4	Lucedale
M. C. Murrah	December 1976	5	Lucedale
R. E. Bryan	December 1975 Supt. of Ed.		Lucedale

ADMINISTRATIVE OFFICERS

Central Administration

President	Dr. J. J. Hayden, Jr.
Executive Assistant for Administration	W. Harold Wesson
Executive Assistant for Education	Robert L. Johnson
Administrative Assistant for Vocational-Technical	Boyce L. Breland
Administrative Assistant for Institutional Research	H. G. Carnathan
Administrative Assistant for Business	Everett Compston
Administrative Assistant for Manpower Training Programs and Special Services	Edward A. Evans
Director of Instructional Media	William H. Byrd
Director of Publicity	Winfred Moncrief
Director of Data Processing	Robert T. Smith
Assistant Director, Community Services	Miss Lorie Kay Gollotte
Supervisor of Health Occupations	Mrs. Louise Jones
Coordinator of Transportation and Special Projects	W. B. Rogers
Executive Secretary, Alumni Association	Mrs. Wyvona Scarbrough

Jackson County Campus

Executive Dean	Curtis L. Davis
Director of Instruction	Dr. Bobby Garvin
Director of Student Services	Billie J. Lofton
Director of Finance	Gus Puhle
Director of Vocational-Technical Programs	R. Travis Ferguson
Assistant Director of Vocational-Technical Programs	William Martin
Counselor	Bruce W. Fisher
Vocational Counselor	Bert Phelps, Jr.
Librarian	Mrs. Mary Palmer
Assistant Librarian	Mrs. Carolyn Latimer
Evening College Coordinator	Ronald Ainsworth

Jefferson Davis Campus

Executive Dean	Dr. William P. Lipscomb, Jr.
Director of Student Services	William L. Vierling
Director of Finance	Glen W. Cadle
Director of Instruction	G. L. Douglas
Director of Vocational-Technical Programs	Carlie Scofield
Assistant Director of Vocational-Technical Programs	Wendell Thornton
Counselor Vocational-Technical	Herschel Smith
Admissions Counselor	Clifton D. Taylor
Counselor	Mrs. Mildred Tate
Librarian	James R. Burford
Assistant Librarian	Miss Louise Ward
M.D.T.A. Supervisor	Gerald Gartman
Evening Coordinator	Paul McKay
Evening Coordinator	Laurie Drago

Perkinston Campus

Executive Dean . . . . . Charles G. Odom
Director of Instruction . . . . . Dr. Clyde E. Strickland
Director of Student Services . . . . . Thomas E. Hilbun
Director of Finance . . . . . L. D. Stringfellow
Supervisor, Student Discipline and Housing . . . . . Ed Scarborough
Librarian . . . . . Charles M. Clark
Counselor . . . . . Mrs. Margie Rabby
Director of Vocational-Technical Programs . . . . . Billy J. Scarbrough

STAFF
Central

Secretary to the President . . . . . Mrs. Ethel Bond
Secretary, President's Office . . . . . Miss Gloria Rogers
Office Manager, Business Office . . . . . Mrs. Florence Rainwater
Accounts Payable Clerk, Business Office . . . . . Mrs. Helen Vernon
Secretary, Business Office . . . . . Mrs. Kay Taylor
Instructional Media Specialist . . . . . Mrs. Toni V. Bowman
Operator Programmer . . . . . Patrick T. Buckley
Key Punch Operator . . . . . Mrs. Patricia M. Logan
Key Punch Operator . . . . . Mrs. Elaine McDermott
Repair Technician . . . . . Admiral Ladner
Bookkeeper/Clerk, MDTA Programs . . . . . Mrs. Suzanne Day
Central Office Personnel Monitor . . . . . Mrs. Millie Taft
Secretary, Publicity . . . . . Mrs. Betty Cobb
Graphic Arts, Publicity . . . . . Miss Cynthia Fore
Secretary, Data Processing . . . . . Mrs. Gertie Brown
Secretary, Vocational-Technical Programs . . . . . Mrs. Sistie Farris
Secretary, MDTA Programs . . . . . Mrs. Elaine Stephens
Switchboard Operator . . . . . Mrs. Joyce Williams
Switchboard Operator . . . . . Mrs. Thelma Rogers
Switchboard Operator, Relief . . . . . Mrs. Irene D'Olive
Courier . . . . . Mrs. Nettie M. Alexander

Jackson County Campus

Secretary to Executive Dean . . . . . Miss Kathleen Lott
Receptionist . . . . . Miss Brenda Carter
Admissions Secretary . . . . . Mrs. Joan Wilson
G.E.D. Testing, Secretary, Veteran Benefits . . . . . Mrs. Helen Davis
Finance Officer . . . . . Mrs. Sue Fisher
Finance Officer . . . . . Mrs. Janie Ward
Secretary, Vocational-Technical . . . . . Miss Dorothy Gautier
Secretary, Librarian . . . . . Mrs. Erma Grant
Secretary, Instruction . . . . . Miss Martha Faulk
Secretary, Instruction . . . . . Mrs. Annie Harris

Secretary	Miss Catherine Moore
Secretary	Miss Shirley A. Packer

Jefferson Davis Campus

Secretary to Executive Dean	Mrs. Tenny Appleton
Secretary to Student Services	Mrs. Pat Boutwell
Records Clerk	Mrs. Katherine Smith
Business Secretary	Mrs. Loyce Williams
Secretary, Instruction	Mrs. Caroline Welz
Receptionist	Mrs. JoAnn Pool
Supervisor of Buildings and Grounds	R. L. Stafford
Assistant Building Superintendent	Bob Acuff
Student Center Manager	Mrs. Inez Carlisle
Data Processing Supervisor	Howard Malone
Library Assistant	Miss Barbara Landry
Vocational Secretary	Mrs. Rachel Blanchard
Secretary, Veterans Affairs	Miss Deborah A. Lewis
Records Clerk, Finance	Miss Nancy Lee
Secretary, Keesler Center	Miss Elizabeth Locke

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	Troy Bunch
Nurse	Mrs. Marie Taylor
Secretary to Executive Dean	Mrs. Joyce Rogers
Receptionist	Mrs. Louise Cruthird
Secretary to Librarian	Mrs. Clarice Coker
Library Assistant	Mrs. Doris Strickland
Housemother	Mrs. Helen Edwards
Housemother	Mrs. Vivian Richards
Housemother	Mrs. Aline Kennedy
Housemother	Mrs. Lydean Davis
Secretary, Student Services	Mrs. Shirley Harris
Secretary, Director of Instruction	Mrs. Gloria Reid
Bookkeeper	Mrs. Glennie White
Faculty Secretary	Mrs. Deborah Cooley
Secretary, Veterans Affairs	Mrs. Tommie Weathers

George County Occupational Training Center

Director	Paul Brauchle
Counselor	Ronnie C. Mizell
Secretary	Mrs. Peggy Wallace
Maintenance, Security	Means B. Turner

COLLEGE EXECUTIVE COUNCIL

Dr. Hayden, Mr. Wesson, Mr. Johnson, Dean Davis, Dean Lipscomb, Dean Odom.

College Administrative Council

The president of the college and the executive dean of each campus will be ex-officio members of all committees.

College Administrative Council: Dr. J. J. Hayden, Jr., Robert Johnson, W. Harold Wesson, H. G. Carnathan, Boyce Breland, Curtis Davis, Dr. William P. Lipscomb, Jr., Charles G. Odom, Edward Evans, and Everett Compston.

JACKSON COUNTY CAMPUS

Admissions Committee: Lofton, Garvin, Phelps, Fisher, Ferguson, Mulkana, and Martin.

Audio-Visual and ITV Committee: Robinson, Mansfield, Ormon, Turney, and all department chairmen.

Christian Council: Turney, Taylor, president of Christian organization, student council president.

Discipline Committee: Malone, MacInnis, Shepherd, students - Janet Betts and Bill Prassenos.

Instructional Affairs Council: Jones, Herrington, Tremmel, E. Shaw.

Guidance Committee: Fisher, Phelps, Lofton, Ferguson, Hicks.

Graduation Committee: Fisher, Irwin, C. Whitmore, Lofton, Newton.

Library Committee: Palmer, Robinson, S. Whitmore, Stephens, Pringle, E. Shaw, Ello, Rogers, VanCourt, Usher, Bennett, Howard, and Easley.

Physical Education, Health and Athletic Committee: Keith, Young, Garvin, Miller, Ainsworth, and Robinson.

Department Chairmen

Associate Degree Nursing . . . . . Lois Hicks
Business and Office Administration . . . . . Dr. Royce Luke
Fine Arts . . . . . .Joseph Ello
HPR . . . . . .Dr. Charles Keith
Language Arts . . . . . . Walter Mullen
Mathematics . . . . . T. Ralph Smith
Social Studies . . . . . . H. Dean Shaw
Science . . . . . Robert Herrington

Scholarship Committee: Lofton, Ferguson, Luke, Phelps, Johnson, and Stewart.
Student Activities Committee: Lofton, D. Shaw, Stroud, Crane, Young, president of student council.
Student Publications Committee: Mullen, Stroud, Lofton, Byrd, Dougherty, student editors.

Faculty Advisory Committee

Ralph Jones	Appointed	1971-72
Robert Herrington	Appointed	1972-73
Amaryllis Stroud	Appointed	1973-74
Louis Tremmel	Elected	1971-72
Edna Shaw	Elected	1972-73
Charles Ormon	Elected	1973-74

JEFFERSON DAVIS CAMPUS

Administrative Council: Vierling, Cadle, Scofield, Douglas.
Admissions: Vierling, Cadle, Scofield, Taylor, Tate, Callahan, Douglas.
Curriculum:

Department Chairmen

Associate Degree Nursing . . . . . Eileen Callahan
Business and Office Administration . . . . . Elaine Graves
Fine Arts . . . . . James Mathis
Health and Physical Education . . . . . Winston Beacham
Language Arts . . . . . Betty Malone
Mathematics . . . . . Paul McKay
Science . . . . . Quincy Long
Social Studies . . . . . Harry Stamps
Vocational-Technical Programs . . . . . C. D. Scofield

Assembly and Lyceum: Vierling, Alford, Moore, Shows, Ortiz, student executive council.
Audio-Visual, P.A.: Goforth, Parkes, Hendon, Ortiz, Languirand, two students.
Discipline: Vierling, Cadle, Shows, Bailey, two students.
Faculty Reception and Courtesy: Carlisle, Mathis, Ward, Porter, two students.
Graduation: Shull, Ortiz, Moore, Dunn, Therrell, Vierling, two students.
Guidance: Vierling, Taylor, Mathis, Tate, Smith, two students.
Library: Burford, Ward, Long, White, Cadle, Drago, two students.
Physical Education and Health Service: Beacham, Anastasio, Usey, two students.
Publications: Duncan, Webb, Cadle, Ward, Vierling, editors of annual and *Mississippi Sound*.
Social Life: Vierling, Beacham, Taylor, J. Fitch, Languirand, student executive council.
Scholarship: Vierling, B. Malone, Graves, McKay, Stamps, two students.

PERKINSTON CAMPUS

Admissions: Rabby, Hilbun, Strickland.

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

Discipline Committee: K. Lewis, R. Miller, C. Ratcliffe, student council president student representative.

Christian Council: Warren, J. Davis, Father Fillipich, N. Henderson, 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 . . . . . Dr. Woodley Lott
Mathematics . . . . . Larry O'Neal
Science . . . . . Richard Miller
Social Studies . . . . . Samuel Lewis
Vocational-Technical. . . . . Billy J. Scarbrough

Faculty Advisory: R. Miller, B. Warren, C. Sullivan, C. Batson, A. Kelley, B. Scarbrough.

Faculty Housing: Odom, Dr. Hayden, Wesson.

Graduation: McInnis, Scarborough, W. Moffett, J. Wittman, Jones, M. K. Adams, K. Lewis.

Library: L. Hayden, McInnis, Clark, O'Neal, G. Moffett, A. Kelley, student representative.

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

Publications: Warren, Moncrief, ***Perkinston Bulldog*** and annual editors.

Scholarship: Hilbun, Stringfellow, Strickland.

Student Activities: Hilbun, Clement, Warren, Jones, K. Lewis, two students.

Student Housing: Scarborough, Dees, dormitory supervisors.

FACULTY

J. J. Hayden, Jr., President (1950). B.S. and M.S., Mississippi State University. Ed.D., University of Southern Mississippi.

W. Harold Wesson, Executive Assistant for Administration (1962). B.S. and M.A. University of Southern Mississippi. Additional study, George Peabody College.

Robert L. Johnson, Executive Assistant for Education (1972). B.S. and M.A., University of Southern Mississippi. Additional study, University of Southern 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.

H. G. Carnathan, Administrative Assistant for Institutional Research (1970). B.A. and M.S., University of Alabama.

Everett Compston, Administrative Assistant for Business (1965). B.S., Northeastern State College. Tahlequah, Oklahoma. M.Ed., University of Southern Mississippi. Additional study, University of Kentucky.

Edward Evans, Administrative Assistant for Manpower Training Programs and Special Services (1956). B.S., Mississippi State University. Additional study, University of Southern Mississippi.

William H. Byrd, Director of Instructional Media (1965). B.A. George Washington University.

Winfred H. Moncrief, Director of Publicity (1971). B.S., University of Southern Mississippi.

Robert T. Smith, Director of Data Processing (1965). A.S., Perkinston Campus. Additional study, University of Southern Mississippi.

Louise Jones, Supervisor of Health Occupations (1961). R.N., Charity Hospital. Additional study, University of Southern Mississippi.

Wyvona B. Scarbrough, Executive Secretary, Alumni Association (1968). A.S., Perkinston Campus. Additional study, University of Southern Mississippi.

Jackson County Campus

Ronald B. Ainsworth, Mathematics (1970). B.S., McNeese State University. M.E., University of Southwestern Louisiana. Additional study, McNeese State, University of Southwestern Louisiana, University of Southern Mississippi.

Faye Anderson, Nursing (1968). B.S., McNeese State University.

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

Toni J. Bowman, Instructional Media (1970). B.F.A., University of South Alabama.

Lorena Conn, Practical Nursing (1970). A.S., Pearl River Junior College.

Larry Crane, Welding (1970). Graduate, Ingalls In-Plant Welding School. Undergraduate work, Mississippi Gulf Coast Junior College, Jackson County Campus.

Curtis L. Davis, Executive Dean (1950). B.S., Mississippi State University. M.S., University of Southern Mississippi. Completed course work for doctoral program.

Ralph Dougherty, Technical Communications (1965). A.B., Boston College. M.Ed., St. Louis University. Additional study, University of Maryland and University of Mississippi.

Diane Easley, Nursing (1973). B.S.N., University of South Carolina.

Joseph G. Ello, Jr., Music and Psychology (1966). B.M.E., Loyola University. M.M.E., Louisiana 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, Director of Vocational-Technical (1965). A.A., East Central Junior College. B.S. and M.Ed., Mississippi State University.

Bobby Garvin, Director of Instruction (1970). B.S., Mississippi State University. M.E.D., Mississippi State University. Ed.D., University of Southern Mississippi.

Betty Heimburger, Nursing (1971). B.S., Millikin University. Additional study, Loyola University, New Orleans, Louisiana.

Robert Herrington, Science (1968). B.A. and M.S., University of Southern Mississippi. Completed course work for doctoral program.

Lois E. Hicks, Nursing (1967). R.N., Touro Infirmary. B.S., Southwestern Louisiana Institute. M.A., Columbia University.

Floye Howard, Mathematics (1970). B.S., University of Southern Mississippi. M.A., Louisiana State University.

Jane E. Irwin, Business (1965). B.S. and M.S., University of Southern Mississippi.

Roberta Johnson, Secretarial Training (1970). Graduate, Henderson Business College. B.S., Rust College.

Ralph L. Jones, Mathematics (1966). B.S., University of Southern Mississippi. M.S., Mississippi State University.

Charles Keith, Physical Education (1965). B.S., M.A., and Ed.D., University of Southern Mississippi.

Charlie Kelly, Pipefitting (1969). Twenty years work experience.

Billy J. Lofton, Director of Student Services (1964). B.S., University of Southern Mississippi. M.S., University of Mississippi. Additional work, University of Southern Mississippi.

Royce B. Luke, Business (1965). B.S. and M.A., University of Southern Mississippi. Ed.D., Mississippi State University.

Robert F. MacInnis, Science (1967). B.S., University of Southern Mississippi and Texas College of Arts and Industries. M.S., Middle Tennessee State University.

Kathleen Malone, Language (1965). B.A., Agnes Scott College. Graduate study, University of Gaudalajara, Mexico, University of Southern Mississippi. M.A., Louisiana State University.

William F. Martin, Assistant Director for Vocational-Technical, Adult Program (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 study, University of Southern Mississippi.

Billy Moore, Shipfitting (1972). Diploma.

Martha G. Moore, Piano (1969). B.A., Vasser College. M.A., University of South Alabama.

Mohammed Mulkana, Science (1970). B.S., D.J. Government. M.S., University of Rhode Island. M.Sc., University of Karchi Pakistan. Ph.D., Mississippi State University.

Walter E. Mullen, English (1967). B.A.E., University of Mississippi. M.E., Auburn University. Additional study, Mississippi State University.

Charles L. Munroe, Jr., Drafting and Design Technology (1959). B.S., Carnegie Institute of Technology; Air Corps Engineering School Air War College; Industrial College of the Armed Forces.

Charles W. Newell, X-Ray Technology (1964). R.T., Providence Hospital, Mobile, Alabama. B.S., William Carey College.

Robert Newton, English (1970). B.S. and M.A., University of Southern Mississippi.

Charles E. Ormon, Electronics (1967). B.S. and M.Ed., Mississippi State University.

Mary Ann Palmer, Librarian (1968). M.L.S., George Peabody College.

Jesse H. Pettus, Machinist (1973). Study at Mississippi Gulf Coast Junior College and University of Southern Mississippi.

Bert Phelps, Jr., Counselor Vocational-Technical (1969). B.S., University of Southern Mississippi. M.Ed., Mississippi State University.

Lynne Pringle, Social Studies (1971). Diploma, Gulf Park Junior College B.A., Newcomb College. SS, Vanderbilt University. SS, George Peabody College, M.S.S., University of Mississippi.

Gus H. Puhle, Director of Finance (1973). Study at University of Wisconsin.

Harold L. Rogers, Jr., Auto Mechanics (1972). B.S., University of Southern Mississippi.

Donald B. Robinson, Assistant Librarian (1972). B.S., Florida State. M.S.L.S., Florida State. Additional study, University of South Alabama and University of Southern Mississippi.

Edna Ruth Shaw, English (1969). B.S., Blue Mountain College. M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

Harmon Dean Shaw, Social Studies (1965). B.A., Millsaps College. M.A., Mississippi State University.

Jerold Shepherd, Drafting and Design Technology (1968). B.S., Mississippi State University. Graduate study, University of Southern Mississippi.

James A. Smith, Industrial Electricity (1973). Diploma, Industrial Electricity, Mississippi Gulf Coast Junior College. Additional study, University of Southern Mississippi.

Thomas Ralph Smith, Mathematics (1965). B.S., Louisiana College. M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

Cecile H. Stephens, Art (1968). B.F.A., Auburn University. M.A., University of South Alabama. Additional study, University of Mississippi.

Nancy Stewart, Nursing (1973). B.S.N., University of 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 Tennessee State University. Additional study, University of Southern Mississippi, Mississippi State University, University of Kansas, Trinity University, University of Missouri-Rolla and University of Mississippi.

Amaryllis Stroud, Developmental Reading (1965). B.S. and M.Ed., University of Southern Mississippi. Additional study, University of Southern Mississippi.

Arthur Sunday, Industrial Electricity (1970). B.S., V.P.I.

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

Jeanette B. Thomas, Business Education (1961). B.S. and M.S., University of Southern Mississippi.

Nancy G. Thomas, Practical Nursing (1973). R.N., South Mississippi Charity Hospital School of Nursing. Course work taken at Jones County Junior College and University of Southern Mississippi.

Kenneth Torgerson, Shipfitting (1971). Ingalls Training Division, Blueprint School.

Louis Tremmell, 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. Post doctoral work, Northwestern University, University of Oklahoma, and Mississippi State University.

Shira R. Usher, Practical Nursing (1970). A.S., Perkinston Campus.

Bennie Vancourt, Drafting and Design Technology (1971). A.S., Perkinston Campus. B.S., University of Southern Mississippi.

William E. Vaughan, Industrial Electricity (1971). High school diploma.

Kathryn L. Webb, Nursing (1968). B.S., Northwestern State College. Diploma, Nursing, North Louisiana.

Charles Whitmore, Electronics (1971). A.S., Mississippi Gulf Coast Junior College, Jackson County Campus. B.S., Mississippi State University.

Sherry Ann Whitmore, MT-Medical Laboratory Technology (1971). A.S., Perkinston Campus. B.S., University of Southern Mississippi.

Opal Young, Health and Physical Education (1971). B.S. and M.Ed., University of Southern Mississippi.

Don Zellner, Industrial Electronics (1971). High school diploma.

Jefferson Davis Campus

Robert L. Abbenante, Industrial Electricity (1970). A.A.S., Jefferson Davis Campus. Electronics education and working experience via 20 years of military electronics.

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, also, University of Southern Mississippi.

Randall J. Anastasio, Physical Education (1973). B.S. and M.S., Special Education, University of Southern Mississippi. Additional certification Rehabilitation Therapy.

Margaret Andresen, Foreign Languages (1967). B.A. and M.A., University of Southern Mississippi. Additional study, University of Florida and University of Pennsylvania.

Frederick G. H. Archer, Nursing (1967). Diploma, Nursing, Pennsylvania Hospital School of Nursing for Men. B.S., N.Ed., University of Pennsylvania.

Frank A. Bachman, Plumbing (1971). Keesler A & M Tech School. Ford's Willow Run Tech School. Additional study, Temple University and Jefferson Davis Campus.

June Bailey, English (1969). A.A., East Central Junior College. B.S. and M.S., University of Southern Mississippi. Additional study, 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.

Henry W. Black, Social Studies (1969). B.G.E., The Municipal University of Omaha. M.A. and Ph.D., University of Southern Mississippi.

William M. Brewer, Law Enforcement (1969). M.S., University of Southern Mississippi. B.S., University of Mississippi. Graduate study, Tulane University. Graduate Air Force Institute of Technology. Graduate School of Logistics. Former Special Agent, Federal Bureau of Investigation. Additional graduate study, University of Southern Mississippi.

Wanda Brignac, Nursing (1972). B.S.N., University of Southwest Louisiana. Additional study, University of Southern Mississippi.

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 graduate study, University of Southern Mississippi and Mississippi State University.

Eileen Callahan, Nursing (1969). Diploma, Nursing, Jennie Edmundson Memorial Hospital. B.S.N., University of Nebraska. M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

Leon Christodoulou, Drafting (1972). A.S., Perkinston Campus. Eight years experience.

Jerry B. Clark, Social Studies (1968). B.A., Delta State College. M.A., Mississippi State University. Additional study, University of Southern Mississippi.

Sylvester J. D'Aquilla, Jr., Director of Keesler Center (1973). B.S. and M.S., University of Southern Mississippi. Additional graduate study, University of Southern Mississippi.

Bonnie S. Davis, Nursing (1973). B.S.N., Lillie Jolly School of Nursing. B.S.N., Texas Christian University. Graduate study, Southwestern Theological Seminary.

Susan S. Denham, Mathematics (1972). B.S. and M.S., University of Mississippi.

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

Laurie A. Drago, Social Studies (1970). B.A., Northwestern Louisiana College. M.A., Louisiana State University. Course work completed for doctorate, University of Southern Mississippi.

Elaine W. Duncan, Developmental Reading (1967). B.S. and M.S., University of Southern Mississippi. Additional study, Mississippi State University and 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. and M.S., University of Southern Mississippi.

David C. Fitch, Mathematics (1970). B.S. and M.S., Mississippi State University. M.E., Rice University. Course work completed for doctorate.

Joan E. Fitch, English and German (1972). B.A., University of Southern Mississippi. M.A., University of Arkansas. Additional study, University of Arkansas.

Colyar Frierson, Trowel Trades (1971). B.S., Alcorn A & M College. M.S., Bradley University. Additional study, Jackson State College, Mississippi Valley State College, University of Mississippi, Clemson University, University of Missouri and University of Southern Mississippi.

Howard W. Forman, Business Administration (1972). B.A., Syracuse University. M.S., University of Colorado.

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.S., University of Southern Mississippi. Additional study, University of Southern Mississippi and Wisconsin State University-Eau Calire.

Guy W. Hawkins, Psychology (1965). B.S. and M.S., University of Southern Mississippi.

A. D. Hendon, Jr., Radio Broadcasting (1967). B.S., University of Southern Mississippi.

Patricia A. Howorth, Nursing (1972). Diploma, Womens College Hospital. B.S.N., University of Mississippi. Additional study, Texas Womens University.

Billy W. Johnson, Welding and Metal Trades (1968). Jones County Junior College. B.S., Mississippi State University. Three years experience as millwright and welder.

Samuel H. Kirsch, Air Conditioning (1973). Mechanical education and working experience via 26 years of military service.

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.

Geraldine Kornegay, Dental Assisting (1973). Six years work experience. Studies at University of Southern Mississippi, University of Alabama, University of North Carolina, extension.

Lula C. Krohn, Practical Nursing (1967). R.N., Diploma, Touro Infirmary School of Nursing. B.A., University of Southwestern Louisiana. Additional study, University of Southern Mississippi.

Verne B. Lamas, Practical Nursing (1971). Diploma, Nursing, Hotel Dieu School of Nursing. Additional study, Jefferson Davis Campus and University of Southern Mississippi.

Janie Languirand, Biology, 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. Course work completed for doctorate, University of Southern Mississippi.

Lawrence W. Mahalak, Hotel, Motel, Restaurant (1972). B.A., Louisiana College. Graduate work, Louisiana State University. Additional study, Memphis State University and 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.A. and M.Ed., Mississippi College.

Paul G. McKay, Mathematics (1967). A.A., East Central Junior College. B.S. and M.Ed., Mississippi 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 and Theatre (1969). B.S. and M.E., University of Southern Mississippi. Additional study, University of Southern Mississippi.

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.

Otis Parkes, Industrial Electricity (1970). A.A.S., Jefferson Davis Campus. Electronics education and working experience via 20 years of military electronics.

Thomas D. Peterman, Data Processing (1969). B.S., University of Southern Mississippi.

Jessica T. Phillips, Nursing (1972). B.S.N., Northwestern State College. M.S., Texas Women's University.

H. Walton Pigott, Biology (1966). B.S., University of Southern Mississippi. M.N.S., Louisiana State University. Additional study, University of Mississippi.

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, University of Southern Mississippi and Jefferson Davis Campus.

Gene M. Rester, Counselor (1972). B.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

Norma Jane Richards, Nursing (1972). B.S.N., Louisiana State University. Additional study, Louisiana State University.

Howard Rogers, Social Studies (1973). B.S., Franklin College, Franklin, Ind. M.A., Indiana University. Additional study, L.S.U., Baton Rouge and Indiana

University; also additional study, Whitlur College, Cambridge University and Oxford University, England.

James Sanders, Refrigeration (1970). Eleven years work experience.

Carlie Scofield, Director of Vocational-Technical Programs (1965). Air Conditioning and Refrigeration, Perkinston Campus. B.S., Mississippi State University. M.S., University of Southern Mississippi.

Margaret M. Shaw, Piano (1970). B.Mus., Stetson University. M.A., Columbia University. Graduate pupil in piano of Edwin Huges, New York. Master classes with Dr. Hughes at Winthrop College and University of South Carolina.

Clinton C. Sherman, Nursing (1972). B.S.N., Boston 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, Vocational-Technical Counselor (1968). B.S., Alcorn A & M College. M.A., University of Minnesota. M.S., University of Southern Mississippi. Additional study, Jackson State College, University of Southern Mississippi and Ohio State University.

Betty Stafford, Nursing (1972). Diploma, Crawford W. Long Hospital School of Nursing. B.S.N., University of Mississippi. Additional study, University of Southern Mississippi.

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

Russell C. Swansburg, Nursing (1972). B.S., Carl Western Reserve University. M.A., Teachers College, Columbia University.

Mildred Tate, Counselor (1971). B.S., Xavier University. M.A., Southern University. Additional study, University of Southern Mississippi.

Clifton D. Taylor, Counselor (1965). B.M.E. and M.M.E., University of Southern Mississippi. Additional study, University of Southern Mississippi.

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

Max W. Thornton, Assistant Director of Vocational-Technical Programs (1969). B.S. and M.Ed., Mississippi State University. Additional study, University of Southern Mississippi.

Billy Towles, Drafting (1972). A.S., Perkinston Campus. Additional study, University of Southern Mississippi.

Robert Usey, Health and Physical Education (1968). B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

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.

Desmond R. Walker, Carpentry (1972). Diploma, 15 years work experience.

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

Evelyn E. Webb, Developmental English (1972). B.A., Jackson State College. Additional study, University of Southern Mississippi.

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

Perkinston Campus

Mary Adams, Home Economics (1970). B.S. and M.S., Mississippi State College for Women.

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

Cassie Batson, Mathematics (1968). B.A. and M.S., University of Southern Mississippi.

Charles M. Clark, Librarian (1972). B.S., University of Miami. M.S., Florida State University.

Eugene Clement, Music (1949). B.M. and M.M., University of Southern Mississippi. Additional study, University of Southern Mississippi.

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. Additional study, University of Southern Mississippi.

Addie Mae Faust, Science (1957). B.S., Mississippi State College for Women.

K. P. Faust, Science (1943). 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. Study at Mississippi State College for Women, Sophie Newcomb, University of Southern Mississippi. Foreign study, France, Spain, Mexico and South America. M.A. and Ph.D., University of Southern Mississippi.

Dorothy Sheehan 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, Loyola University, New Orleans, 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.

Hugh S. Hu, Business (1972). B.S., Singnam University China. M.S., University of Toronto. Ph.D., George Peabody College.

Sam P. Jones, Band (1952). B.M., 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.

Kathryn Ann Lewis, Speech (1969). B.S. and M.S., University of Southern Mississippi.

William Lewis, Health and Physical Education (1971). B.S., Mississippi College. M.A., 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., M.A., and Ph.D., 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 of Southern Mississippi.

George L. Mathis, Drafting and Design (1973). B.S. and M.S., University of Southern Mississippi.

Richard Miller, Science (1970). B.S., Southeastern Louisiana College. M.Ed., Auburn University. M.S., Oklahoma State. Additional study, University of Southern Mississippi and University of Albama. Ph.D., University of Alabama.

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). Eight years experience.

Carlton Peters, Bible (1971). T.H.M., Master of Theology, Baptist Theological Seminary, New Orleans.

Marjorie Pitalo, Art (1970). Rudolph Schaffers School of Design, San Francisco, California. California School of Fine Arts; Art Center School, Los Angeles, California.

Chester Pratt, Printing (Letterpress) (1969). Forty-four years experience.

Margie Rabby, Guidance Counselor (1969). B.A., Louisiana College. M.Ed., University of Southern Mississippi.

Charles E. Ratcliffe, Ornamental Horticulture (1972). B.S., Mississippi State University.

Robert Rominger, Social Studies (1970). B.A. and M.A., University of West Florida.

Barbara Ross, Health and Physical Education (1960). B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

Edward Scarborough, Student Discipline and Housing (1970). B.S. and M.Ed., University of Southern Mississippi.

Billy J. Scarbrough, Vocational (1961). B.S. and M.Ed., Mississippi State University. Additional study, Mississippi State University.

Russell E. Schneider, Art (1973). B.F.A. and M.A.E., University of Southern Mississippi.

Charles David Schwab, Biology (1973). B.S. and M.S., Southeastern Louisiana University. Ph.D., University of Southern Mississippi.

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

Doris E. Smith, Health and Physical Education (1972). B.S. and M.A., University of Southern Mississippi. Additional study, University of Southern Mississippi.

Frank E. Spring, Printing (Offset) (1968). Twenty-three years experience.

Clyde E. Strickland, Director of Instruction (1960). B.S., M.S., M.E., and Ph.D., University of Southern Mississippi.

L. D. Stringfellow, Director of Finance (1965). B.S. and M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

Charles L. Sullivan, Social Studies (1967). B.S. and M.S., University of Southern Mississippi.

Robert T. Walden, Mathematics (1973). B.S. and M.S., Murray State College. Ph.D., 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.

George County Occupational Training Center

Paul Brauchle, Director (1969). B.S. and M.S., University of Southern Mississippi.

John Ward Cooley, Building Trades (1972). A.S., Perkinston Campus. Additional study, Mississippi State University and University of Southern Mississippi.

Frieda Davis, RN, Practical Nursing (1972). Diploma, Methodist Hospital School of Nursing, Hattiesburg, Mississippi. Additional study, University of Southern Mississippi.

Jerry T. Havard, Pipefitting (1973). A.S., Perkinston Campus. Four years experience.

Johnnette Heidelberg, Secretarial Science (1972). B.S., Mississippi College. M.S., University of Southern Mississippi.

Dennis Klene, Air Conditioning and Refrigeration (1973). A.S., Jackson County Campus. Additional study.

Junius H. Martin, Welding (1972). Thirty-one years experience.

Ronnie C. Mizell, Counselor (1972). A.S., Perkinston Campus. B.S., University of Southern Mississippi. M.A., University of South Alabama.

Georgia Rouse, RN, Health Occupations Assistant (1972). A.S., Degree in Nursing, Jackson County Campus. Additional study, University of Southern Mississippi and Peabody Teachers College, Nashville, Tennessee.

A parting of the ways.

PART I PURPOSE AND OBJECTIVES

HISTORY

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

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

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

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

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

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

In May, 1962, the Governor of the State of Mississippi signed into law House Bill 597 which created the Gulf Coast Junior College District. This bill wiped out county lines as far as the college was concerned. The area became a District, a single unit in which each taxpayer shares equally to support junior college education for the area. In order to bring higher education to the people so that they could train and/or retrain to meet the needs of business and industry; to enable young people to live at home, hold jobs, and go to school, too; to bring

cultural as well as academic enrichment to people of all ages, Perkinston Junior College and the District became a pilot program for the state (and one of the first in the nation) when two branches of the college were built on the Gulf Coast. Extensive surveys and population studies, made by committees of business and civic leaders and education specialists determined locations and offerings for the two campuses. In September of 1965, the Jefferson Davis and Jackson County branches opened. Total enrollment for the three campuses was 5,787 for the 1965-66 session. To show the continued growth of the college, enrollment for the three campuses for the 1972-73 session was 18,360.

PURPOSE

The community college is an integral part of the area it serves and genuinely feels its inherent responsibility to bridge the gap between high school and maturity for the youth and to provide opportunity for educational advancement for adults of the community. Mississippi Gulf Coast Junior College exists to serve the individual and community needs of education for the area. It is designed to serve and to develop responsible citizenship and leadership for life in a constantly changing and highly complex society.

OBJECTIVES

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

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.

THE MULTIPLE CAMPUS COLLEGE

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

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

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

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

A combination of the three campus choirs sing at Homecoming activities.

PART II BUILDINGS, GROUNDS & EQUIPMENT

Mississippi Gulf Coast Junior College has developed master site plans for the campuses, which are essential to carry 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 administration building was dedicated at Perkinston. The opening of the 1969 fall session saw the beginning of a new food facility and student center operation on the Jackson County Campus.

The most recent additions have been the Malone Fine Arts Building on the Perkinston Campus and new health and physical education buildings on the Jackson County and Jefferson Davis Campuses. In addition, two new dormitories and a business building (Denson Hall) have been constructed within the past three years.

In the next decade, the college is expected to invest an estimated $12 million in new construction. In doing so, it hopes to provide the most modern classroom and laboratory facilities -- academic, vocational and technical -- and to furnish them with the most up-to-date equipment available.

Jackson County Campus at Gautier

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 the traffic artery.

The air conditioned building complex of modern design is situated 300 yards from the highway on 138 acres.

The five principal buildings on the campus are of concrete construction and connected 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 the 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 for 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, the campus bookstore, faculty dining room, student grill, dining area, lounge, and art gallery.

Building D, the main vocational-technical building, is largest on the campus. 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.

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

Jefferson Davis Campus

This campus is comprised of 120 acres of land located about one and three quarter miles north of U.S. Highway 90, midway between Gulfport and Biloxi. The award-winning architectural design of the building complex features 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:

Building A - Technical: Houses data processing laboratories, a general classroom, and adequate storage rooms and office spaces for three instructors. This building also has a drafting room and a drafting and mechanical drawing laboratory which includes two offices and storage rooms.

Building B - Business: Houses six offices for instructors, an accounting room, typing and secretarial procedures rooms, an office machines room, a general classroom and a duplicating laboratory.

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. The studio can be used for art and ceramics and opens onto a large patio for outdoor instruction.

Building D - 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 listening 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, dining area, food preparation and service area, office for manager, workrooms and storage, and 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 - Health and Physical Education: Contains two classrooms, first aid room, faculty conference room, four offices, storage and supply rooms, two boys' and two girls' dressing rooms, an exercise room, restrooms, a gymnasium playing area which could be used for a full basketball court and/or used for two smaller cross courts, and a stage area which doubles as a girls physical activities area. The building is bound on the east end by the covered recreation shelter and an Olympic sized, heated, swimming pool on the west.

Building M - Refrigeration and Air Conditioning and Plumbing: Contains two large laboratories, one for refrigeration and air conditioning and the other for plumbing. There are planning rooms, instructor offices, storage and supply rooms and dressing rooms for students for both programs.

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

Building O - Industrial Electricity and Metal Trades: Contains two large laboratories, one for industrial electricity and the other for metal trades. There are planning rooms, instructor offices, storage and supply rooms and dressing rooms for students for both programs.

Building P - Administration: This building houses the offices of the directors 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, hotel, motel, restaurant technology, and general classrooms, storage facilities and four other offices.

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

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

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 student recreational facilities.

Hinton Hall is a modern fireproof structure specially 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 student center. The main floor of this building houses the cafeteria, grill, and private dining room. The lower level houses a merchandise and bookstore, lounge, student offices, and student post office.

Megehee Building, 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 main gymnasium with a seating capacity of 1800, as well as dressing rooms.

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

The **Colmer Vocational-Technical Building,** constructed in 1950, houses faculty offices, classrooms, laboratories, tool rooms, and work areas for vocational-technical training.

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

Harrison Hall, a dormitory for women students, was constructed in 1928 and was renovated and refurnished in 1957.

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

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

Stone Hall is a three-story brick dormitory constructed for male students 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.

Moran Hall is a two-story brick dormitory constructed for women students in 1970. This building houses 100 students.

Owen Hall is a two-story brick dormitory constructed for male students in 1970. This building houses 100 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 student apartments.

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

Denson Hall is a new modern two-story classroom building located on the quadrangle. It was built in 1971 and houses the business department, foreign languages, speech, journalism, and the Guided Studies laboratory.

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

George County Occupational Training Center

Students heading into vocational education at the Mississippi Gulf Coast Junior College George County Occupational Training Center will have a salable skill when they leave.

The new half-million dollar facility on the outskirts of Lucedale offers post-secondary courses and secondary programs made available at the request of area high schools.

High school seniors and juniors are bussed to and from the center five days a week. They are permitted to take courses and earn credit in building trades (carpentry, electricity, masonry and plumbing), health occupations, welding, pipefitting and domestic appliance repair.

Offered on the post-secondary level only are courses in vocational secretarial training (clerk-typist and secretary), practical nursing and air conditioning and refrigeration.

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

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

With the near-100 per cent placement record established nationally in vocational education, the center renders a valuable service to the area.

George County Occupational Training Center at Lucedale

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 students agrees to abide by the regulations as established.

Admission Policies

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

Should the campus admissions committee become aware of information that would lead the committee to believe the applicants admission would not be for the best interest of the student or the college community, admission to the college may be denied.

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

A. Felonious conviction.

B. Involvement in drug and/or narcotic traffic.

C. Military discharge under conditions other than honorable.

D. Involvement in campus disorders at other institutions.

E. Disciplinary dismissal from other institutions.

F. Falsifying any information or records required for admission.

C. A minor living outside the home of his legal parents or guardian without the parent or guardian providing the college with advance written permission.

H. Any information relative to the applicant's character, conduct and/or institutional relationships that would be inconsistent with the philosophy, objectives, and attitudes of the constituency of the college community.

I. Any other reason or information considered to be of such nature that it would be detrimental to the academic society.

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 and out-of-country residents who apply to become freshmen at Mississippi Gulf Coast Junior College 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.**

University Parallel Courses

From many years' experience, colleges have found that students 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 (GED) Test.**
3. **All students displaying overall weakness in high school grades and a low composite ACT score, will be required to enroll in Basic Studies at the request of the counseling department.**
4. **Under certain conditions, students who have not graduated from an accredited high school may be admitted after having met minimum State requirements for a high school diploma and upon mutual agreement between college and high school officials.**

Technical Programs

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

Vocational Programs

Vocational program requirements are:

1. An applicant under 18 years of age should be a high school graduate. A student must be 18 years of age 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.
3. Applicants for vocational health occupations and practical nursing must be high school graduates or pass the GED Test.

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 to the college:

1. The prospective student should submit an application for admission along with the following:
   A. A recent photograph of the applicant.
   B. A medical check list. Boarding students must have a current serology.
   C. A $10.00 application fee each semester.
2. The campus director of admissions should receive official transcripts showing all high school and/or college work completed.
3. Results of the American College Test should be sent to the admissions office. Students 21 or older are not required to take the American College Test.
4. The applicant must have a personal interview with the campus dean *or his* representative. A new student also must participate in one day of preregistration orientation on the campus of his choice. 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 this work.

Auditing A Course

To audit a course means to enroll as an irregular student in a course and attend in the usual manner, but without credit or grade. A student may, in special cases, be permitted to audit courses for review purposes. However, regular tuition will be charged for such a service. The auditing of a course should not be confused with repeating a course to raise a grade.

Regular and Special Students

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

When a regular student drops below 12 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 the student has to leave the dormitory, but is allowed to continue studies as a day student.

Occasionally conditions may make it advisable to permit an entering student to take less than 12 hours of work. An applicant admitted as a special student does not have to take the ACT until he has accumulated 15 hours credit.

Academic Load

A normal class load is 16 semester hours. A student may not take more than 19 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 Junior College as a regular student (taking 12 or more semester hours of work) until eligible to re-enter the previous school. If the former school has no established policy for re-admission, the rules of Mississippi Gulf Coast Junior College will apply.

Policy of Probation and Suspension

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.

Class Attendance

Students are expected to be prompt and regular in class attendance. Fundamentally, class attendance is the direct concern of the faculty member and his students. The faculty member has responsibility for judging the relationship between absences and the quality of performance of the student. Each student has the obligation to accept full responsibility for compliance with the spirit as well as the letter of attendance regulations.

Withdrawal Procedure

Withdrawal from a class. Obtain a withdrawal slip from admissions office. Proceed to director of instruction for approval. If withdrawing from a class which is on book service, have slip signed by bookstore manager, then return withdrawal slip to admissions office.

Withdrawal from all classes. Obtain a withdrawal slip from admissions office. Proceed to director of instruction for approval and then secure all other necessary signatures and return slip to admissions office.

If above procedures are not followed, the student's 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 done 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 a guidance counselor. Using ACT scores as a guide, they assist students in preparing schedules for fall classes.**
2. **At the opening of each semester, brief orientation programs are given for new students. They are presented the Student Handbook outlining specific college and campus regulations and policies. In subsequent sessions, students may be instructed in college community living by the director of student services and others.**
3. **A faculty member is assigned to 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 gives 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 again at the end of the semester, the academic standing of each student in his courses is reported by the instructors. Copies of the progress reports are mailed to parents or guardians at mid-semester and at the end of the semester. The student's advisor gives a copy to the student. 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.
I – Incomplete, meaning the prescribed work was not finished at the end of the semester. If the work is completed within the following semester, the "I" may be changed to A, B, C, D or N. If the work is not completed within the following semester, the "I" will be changed to an N, which means "no credit."
N – Means no credit given. Hours not used to compute quality point average.

Quality Points

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

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

If a student fails to earn sufficient quality points in a course, 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 earned.

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.

Dean's List

At the close of every semester, a President's List and at the end of each nine week term, a Dean's List will be published. A certificate from the president of the college will be given to parents of students named to the President's List and a commendatory form letter from the dean of each campus will be sent to students named to the Dean's List.

To be eligible for the President's List, a student must maintain an "A" average on 15 semester hours of academic work.

To be eligible for the Dean's List, a student must maintain a "B" average on 15 semester hours of academic work (with no grade less than "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 fulltime sophomore who has the highest academic achievement in an area which he has designated as his major.

Compliance Policy

In compliance with Title VI of the Civil Rights Act of 1962 and Title IX, Educational Amendments of 1972 of the Higher Education Act, the Board of Trustees of the Mississippi Gulf Coast Junior College hereby adopts a policy assuring that no one shall, on the grounds of race, color, national origin, or sex, be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination in any program or activity of the college. The Mississippi Gulf Coast Junior College is an Equal Opportunity Employer and welcomes students and employees or other participants from any race, color, national origin, or sex.

Students relax in the grill at Perkinston Campus

PART IV FINANCIAL INFORMATION

A. Expenses

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

Expenses will vary according to the legal residence of the parents or guardian of the applying student. For the purpose of determining expenses, students may be placed in one of eight categories and their principal costs summarized as follows:

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

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

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

Breakdown of Expenses

		Dormitory Student	Day Student
Expenses each semester (George, Harrison, Jackson, Stone Counties)			
Application fee (payable in advance)		$ 10.00	$ 10.00
Matriculation fee		115.00	115.00
Activity fee		2.00	2.00
Book Service		22.00	22.00
Total fees		$149.00	$149.00
Room:			
Stone, Jackson Halls	$ 58.50		
Harrison, George Halls	81.00		
Huff Hall	67.50		
Owen, Moran Halls	99.00		
Board:			
5-Day Plan	$182.75		
7-Day Plan	225.25		

Total Cost for Semester	5-Day Plan Meals	7-Day Plan Meals	Day Student
Stone, Jackson Halls	$390.25	$432.75	
Harrison, George Halls	412.75	455.25	
Huff Hall	399.25	441.75	
Owen, Moran Halls	430.75	473.25	
			$149.00

Amount due at registration (includes application fee and first month board)

	DORM		
	5-day Plan Meals	7-Day Plan Meals	Day Student
Stone, Jackson Halls	$250.50	$260.50	$149.00
Harrison, George Halls	273.00	283.00	

Huff Hall	**259.50**	**269.50**	
Owen, Moran Halls	**291.00**	**301.00**	
Due each 4-week period after registration	**$ 43.00**	**$ 53.00**	**0**

Residents of Mississippi outside the district, with the exception of Wilkinson county must add an additional $45 per semester to amount payable at registration. Residents of Wilkinson county must add $90 each semester to the amount payable at registration

Out-of-state residents must pay an additional fee of $200.00 for tuition at registration.

Dormitory students should plan on bringing or securing soon after arrival the following items: 1 mattress cover, 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 and 2 blankets. Students should bring table lamps from home.

Special students: Any day 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. (See registration and parking fees below.)

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.

Evening college students. The cost of courses offered in the Evening College Division of the college is $14.00 per semester hour. (See registration and parking fees below.) This fee also applies to military servicemen and/or their dependents.

Adult Vocational Courses.

Tuition	Hours per Course	Lab fee (if applicable)	Total fees paid by student
$10.00	36	$ 6.00	$16.00
10.00	54	10.00	20.00
10.00	72	14.00	24.00
20.00	90	16.00	36.00
20.00	108	19.00	39.00
20.00	126	23.00	43.00
20.00	136	24.00	44.00
20.00	144	26.00	46.00
20.00	162	29.00	49.00
20.00	180	32.00	52.00

This schedule applies to adult vocational courses where trade laboratories are used for instructional purposes. Classes involving extraordinary expenditures will be assessed on a cost basis with approval of executive dean and director of finance. (See registration and parking fees below.)

Vocational courses cost $127.00 per semester.

Registration and Parking Fees: Should be added to the above costs as applicable:

Fall day students: Pay $5.00 parking fee per one motor vehicle for the whole year.

Spring and summer day students: Pay $3.00 parking fee per one motor vehicle for the remainder of the year, if new registrants.

All students: Pay $2.00 registration fee each semester.

Night students: Pay $2.00 registration fee which includes parking privileges for one motor vehicle for one semester.

After paying the initial parking fee for one motor vehicle additional stickers cost $1.00 each.

Add additional $5.00 to these totals if bringing vehicle on campus.

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 MGCJC athletic events 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.
7. To participate in other student activities supported by these fees.

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

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

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

Book Service - a book fee of $22.00 per semester will be charged. This will entitle the student to receive his or her books from the bookstore without further charge. Books will be returned to the bookstore at the end of the

semester. Workbooks and dated material that cannot be reused will be purchased separately by the student.

Each student will receive a book card in his IBM package. There will also be a computer card with full instructions for the book service.

This will result in considerable savings over the past policy in which students purchased their own textbooks.

Miscellaneous Fees

Medical Insurance - It is recommended that students enroll in a medical and hospitalization insurance plan. 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 without charge 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 the test for a fee of $8.00.

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 available) 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
Late Application Fee	Not Refundable
Late Registration Fee	Not Refundable
Laboratory Fees	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 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. Calculation will be based on the date of official withdrawal.

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, are 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 Harrison, Stone, Jackson and George counties are given priority to work, but an effort is made to provide assistance to all students who need help to meet 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.
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.

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-Zellerbach Corporation; Gulfport Civitan Club, and Mississippi Gulf Coast Junior College Alumni Association.

Other work scholarships are offered through Singing River Hospital, Pascagoula. Also, the Becky Bacot Nursing Education Scholarship is 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 39533).

The campus directors of student services can supply the latest information available for the 1974-75 session.

Servicemen's Opportunity College

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

POLICY FOR AWARDING COLLEGE CREDIT FOR CLEP

1. Up to 30 semester hours of credit for the general examination will be awarded if a composite percentile score of 33 is attained. No credit can be awarded on a test area on which an examinee scores below the 25th percentile. Designated courses are to be listed.

   You may know more than your academic record reveals. Each day you, like most people, have an opportunity to learn. In private industry and business, as well as at all levels of government, learning opportunities continually occur. If you read widely or intensively in a particular field, think about what you read, discuss it with your family and friends, you are learning. Or you may be learning on a more formal basis by taking a correspondence course, a television or radio course, a course recorded on tape or cassettes, a course assembled into programmed tests, or a course taught in your community adult school or high school.

   No matter how, where, or when you gained your knowledge, you now have the opportunity to receive academic credit for your achievement that can be counted toward an undergraduate degree. The College-Level Examination Program (CLEP) enables colleges to evaluate your achievement and give you credit. A wide range of college-level examinations are offered by CLEP to anyone who wishes to take them. Scores on the tests are reported to you, and, if you wish, to a college, employer, or individual.

CLEP General Examination	Semester Hours Credit	MGCJC Course Equivalency
English Composition	6	English 1113 and 1123
Social Sciences-History	6	May select any 2 courses of following: PSC 1113 (3 hours) HIS 1113 (3 hours) HIS 2213 (3 hours)
Natural Science	6	BIO 1113 and PHY 2213
Humanities	6	May select 1 of following: ART 1113 (3 hours) MUS 1113 (3 hours) AND May select 1 of following: ENG 2213 (3 hours) ENG 2233 (3 hours)
Mathematics	6	* 2 courses will be selected by Director of Student Services from the following:

BAD 1313 MAT 1213
MAT 1223 MAT 1323
MAT 1233 MAT 1313

TOTAL **30 Sem. Hours**

*Student will be counseled, using high school grades, test scores and proposed program to determine appropriate mathematics courses for which credit will be granted.

2. On credit to be awarded for **subject examinations** a minimum percentile rank of 33 will be strictly applied. All subjects listed in the Mississippi Gulf Coast Junior College catalog will be eligible for credit for subject if **CLEP has such an established examination.**
3. The total amount of CLEP credit awarded for the **general examination** and for **subject examinations** still should not exceed 33 semester hours.
4. To receive credit through CLEP a person must enroll in Mississippi Gulf Coast Junior College to take additional college credit courses.
5. Designated courses, the appropriate course numbers and the appropriate semester hour credit awarded through the use of CLEP will be placed on the student's transcript under the heading **"credit awarded by CLEP"**. No letter grades will be assigned.

Letterpress printing is one of vocational courses offered at Perkinston Campus.

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 activities that will develop their own potentialities and help them become well-rounded individuals.

Student Councils

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

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

Four faculty members on each campus serve on 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.

The College Student Council Association

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

Membership: The membership of the College Student Council Association is composed of six representatives of each campus. Each member is guaranteed all rights of membership and shall be subject to all procedures in accordance with this constitution. (The six representatives will be the four general officers, the freshman class president and the sophomore class president.) The campus council president has the power to appoint representatives, if one of these officers cannot attend meetings.

Publications

Student Newspapers. The students at Perkinston Campus publish ***The Perkinston Bulldog*** on a bi-weekly basis.

News Magazines. The ***J. C. Star*** on the Jackson County Campus and ***The Mississippi Sound*** on the Jefferson Davis Campus are published by the students twice each semester.

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

College Yearbook. ***The Gulf Trident*** combines a section on the college central administration with sections for each of the campuses. Material is compiled and edited by students under a faculty advisor from each campus.

Beauty Pageant

An annual beauty pageant is conducted and each campus selects one female student to represent the campus in the ***Miss Mississippi Pageant.*** Contestants are judged on the basis of beauty, poise and talent.

Hall of Fame

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

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

Organizations and Clubs

The following organizations exist on each campus:

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

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

Student 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.

The following organizations and clubs are active on two campuses:

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 organizations.

Beam and Balance (pre-law club). A club wherein pre-law students can get an appreciation of what it means to be a lawyer.

Dramatics Club. The purposes of this club are to give an insight into the make-up and origin of the stage and to cultivate an appreciation of drama as a whole.

The **Black Culture Society** is active on the Perkinston and Jefferson Davis Campuses.

The following are active on only one campus: **Music Club, Home Economics,** and **Agriculture Club** (on the Perkinston Campus); and the **Bridge and Chess Club, Art Guild,** and **Samothrace Club** (on the Jackson County Campus).

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

Music

At Perkinston Campus, there are a 75-member marching band and stage band and the girls parade unit, the Perkettes; the college choir with its smaller vocal ensembles. Both Jefferson Davis and Jackson County have choral groups and smaller vocal ensembles with accompaniment.

THE MISSISSIPPI GULF COAST JUNIOR COLLEGE ALUMNI ASSOCIATION

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

Membership and Organization: Former students and faculty and staff members are eligible for membership in the Association. Annual dues are $2.50 per person or $3.00 per couple. Five year dues are $8.00 per person and $10.00 per couple. Life membership is $25.00 per couple.

Objectives: Alumni organizations exist in each of the four counties. The primary objective is that of relating to the community the college program. The organized meetings provide an opportunity for reunion and fellowship of the alumni.

Athletics

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

Intra-mural athletic contests are held on each campus 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 swimming pool and the Attic, located on the second floor of the Smith Building, where pool, snooker, table tennis, card games, etc., are available. Also on campus are tennis courts.

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 on the campus of enrollment for appropriate action. This committee is made up of faculty members and students.

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 be in the following order: (a) discipline committee (b) executive dean (3) college president and (d) board of trustees.

Consultants of the Creative Writing Workshop at Jefferson Davis Campus confer with Mrs. Nell Henderson, Perkinston Campus instructor.

PART VI INSTRUCTIONAL PROGRAM

Advantages of Graduation

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

A survey of senior institutions of higher learning in the state shows the following advantages may be enjoyed by the 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 understand requirements better, are more stable and adjust to the new environment.

Requirements for Graduation

Two degrees may be awarded students of the Mississippi Gulf Coast Junior College who successfully complete all requirements for graduation as they apply to either of these:

1. **Associate in Arts**
   A. Completion of a minimum of 64 semester hours with a "C" average or better from any of the programs offered and listed in the catalog which are not designated as technical or an applied science.
   B. The 64 semester hours must include the following:
      English, 9 semester hours (any English or literature or speech)
      Social Science, 12 semester hours (world history, American history, government, sociology, geography, economics, philosophy, psychology)
      Mathematics, 3 semester hours
      Science, 6 semester hours
      Physical education, 4 semester hours (substitutes for those unable to take)
      Total, 34 semester hours

   In instances where the curriculum does not require all of the above, substitutions may be approved by the dean or director of instruction.
2. **Associate in Applied Science Degree**
   Completion of all courses specified for a particular technical or applied science program with an overall average of "C" or better. Each program

must have a minimum of 64 semester hours. (All secretarial or business curriculums two years in length fall in this category.)

*Substitutions for any courses to satisfy either degree must have the approval of the director of instruction or the dean. In no case can a substitution be made for an applied course in a technical program. (An applied course means one listed for a particular technical program which constitutes training directly relating to the major - example: fundamentals of drafting.)

General Graduation Requirements

General graduation requirements apply to both 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.) When a course is repeated the higher grade is used in computing quality point average.

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 1113 to 1999 are considered freshman courses and those from 2113 to 2999, sophomore courses. A student who has earned less than 24 semester hours is designated a freshman; one having 24 hours or more and 48 quality points is considered a sophomore. As a general rule, a student should choose courses in accordance with his class designation.

The Mississippi Gulf Coast Junior College is affiliated with the American International Academy. Through this affiliation, we are able to offer credit for study abroad during the summer. Any student interested in this program should contact the director of instruction on the local campus.

Basic 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 Basic Studies program.

The team teaching approach is used in the Basic Studies Program and individual attention is given each student by instructors and tutors. All courses carry college transfer credit and self-paced learning is emphasized.

In most cases students will remain in the Basic Studies program one year although it is possible for those making exceptional progress to transfer to the traditional program at the end of the first semester.

Instructors for this program are chosen because of special abilities, interest in students and experience. The teaching team is interested in social and psychological adjustment as well as academic attainment.

Developmental Courses

ENG 0113 – Basic 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 students whose background is not sufficient to enroll in English Composition 1113.

EPY 0113 – Reading Improvement – 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.

Choosing a Curriculum

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

1. University parallel curricula 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 curricula 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.

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.

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, transfer prerequisites.

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.

Courses of study are approved by the Veterans Administration.

Built in 1972, this new building sits across campus from the site of the old Denson, which has been demolished.

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 may be undecided on a future career.

The student in this group should consult his faculty advisor to plan a course of study to meet his special curriculum needs.

Foreign language should be taken two semesters in order for a student to obtain credit.

			SEMESTER HOURS		
FRESHMAN YEAR			1 Sem.		2 Sem.
ENG	1113, 1123	English	3		3
MFL	1113, 1123	French			
		or	3		3
MFL	1213, 1223	Spanish			
MAT	1233 or 1313-1323	Mathematics	3		3
HIS	1113, 1123	History	3		3
PSC	1113	Government	3	or	3
SPT	1113	Speech	3	or	3
HPR		Physical Education	1		1
SOPHOMORE YEAR					
ENG	2233, 2243	English	3		3
MFL	2114, 2124	French			
		or	4		4
MFL	2214, 2224	Spanish			
BIO	1113, 1123	Biology	3		3
ECO	2113	Economics	3	or	3
EPY	1513	Psychology	3	or	3
		Electives	3		3
HPR		Physical Education	1		1

GROUP I B.S. PREPARATORY CURRICULUM

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

			SEMESTER HOURS		
FRESHMAN YEAR			1 Sem.		2 Sem.
ENG	1113, 1123	English	3		3
BIO	1113, 1123	Biology	3		3
HIS	1113, 1123	History	3		3
PSC	1113	Government	3	or	3
MAT	1213	Mathematics	3	or	3

ART	1113	Art Appreciation			
		or			
MUS	1113	Music Appreciation	3	or	3
		or			
SPT	1213	Theatre			
HPR		Physical Education	1		1
		Elective	3	or	3
SOPHOMORE YEAR					
ENG	2233, 2243	English	3		3
ECO	2113	Economics	3	or	3
PHI	2113	Philosophy			
		or	3	or	3
GEO	1123	Geography			
EPY	1513	Psychology	3	or	3
SOC	2113	Sociology	3	or	3
SPT	1113	Speech	3	or	3
		Electives	9	or	9
HPR		Physical Education	1		1

GROUP II BUSINESS & OFFICE ADMINISTRATION

The business and office administration curriculum group is designed to give nine-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 in Science Degree preparatory curriculum will prepare business majors in such fields as: 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.

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

Secretarial Science
(Nine-Month Terminal)

			SEMESTER HOURS	
			1 Sem.	2 Sem.
FRESHMAN YEAR				
ENG	1113, 1123	English	3	3
SEC	1213, 1223	Shorthand	3	3
SEC	1113 or 1123, 1123 or 2113	Typewriting	3	3
BAD	1313	Business Mathematics	3	

SEC	2523	Office Machines	3	
SEC	1312	Filing	2	
SEC	2413	Secretarial Procedures		3
SEC	2512	Office Appliances		2
SEC	2613	Business Communications		3
HPR		Physical Education	1	1

Secretarial Science
(Two-Year Terminal)

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
SEC	1213, 1223	Shorthand	3	3
SEC	1113 or 1123, 1123 or 2113	Typewriting	3	3
BAD	1313	Business Mathematics	3	
PSC	1113	Government	3	
SEC	2523	Office Machines		3
BAD	1113	Introduction to Business		3
EDP	1111	Keypunch	1 or	1
HPR		Physical Education	1	1
SOPHOMORE YEAR				
ACC	1213, 1223	Accounting	3	3
SEC	2113	Typewriting		
		or	3	
ECO	2113	Economics		
SEC	2213, 2223	Shorthand	3	3
BAD	2413	Business Law	3	
SEC	2613	Business Communications	3	
SEC	2123	Typewriting		3
SEC	2413	Secretarial Procedures		3
SEC	1312	Filing	2	
SEC	2512	Office Appliances		2
HPR		Physical Education	1	1

Medical Secretarial Training
(Two-Year Terminal)

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
SEC	1213, 1223	Shorthand	3	3
BIO	1113, 1123	Biology	3	3
HPR	1213	Hygiene	3	
SEC	1113 or 1123, 1123 or 2113	Typewriting	3	3
SEC	2613	Business Communications		3
HPR		Physical Education	1	1

SOPHOMORE YEAR					
ACC	1213, 1223	Accounting	3		3
SEC	2113	Typewriting			
		or	3		
ECO	2113	Economics			
SEC	2512	Office Appliances			2
SEC	2213, 2223	Shorthand	3		3
BIO	2924 or 2914	Biology	4	or	4
SEC	2523	Office Machines	3		
SEC	2123	Typewriting			3
SEC	2413	Secretarial Procedures			3
SEC	1312	Filing			2
HPR		Physical Education	1		1

General Business and Accounting
(Two-Year Terminal)

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
BAD	1313	Business Mathematics	3	
ACC	1213, 1223	Accounting	3	3
SEC	1113 or 1123	Typewriting	3	
BAD	2213*	Marketing	3	
PSC	1113	Government		3
SEC	2613	Business Communications		3
BAD	2513*	Principles of Management		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
SPT	1113	Speech		3
BAD	1113	Introduction to Business	3	
BAD	2413, 2423*	Business Law	3	3
ECO	2113, 2123	Economics	3	3
ACC	2313	Cost Accounting	3	
EPY	1513	Psychology		
		or	3	
SOC	2113	Sociology		
BAD	2613*	Principles of Finance	3	
SEC	2523	Office Machines		3
HPR		Physical Education	1	1

*These courses are scheduled on alternate years and should be taken by both freshmen and sophomores when offered.

Business B.S. Preparatory

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3

HIS	1113, 1123	History	3		3
BIO	1113, 1123	Biology			
		or	3		3
PHY	2213, 2223	Physical Science			
MAT	1233 or 1313, MAT 1313				
		or	3		3
MAT	1423	Mathematics			
PSC	1113	Government	3	or	3
BAD	2413	Business Law	3	or	3
HPR		Physical Education	1		1
	SOPHOMORE YEAR				
ACC	1214, 1224	Accounting	4		4
ECO	2113, 2123	Economics	3		3
ENG	2233, 2243	Literature	3		3
EPY	1513	Psychology	3	or	3
SOC	2113	Sociology	3	or	3
HPR	1213	Hygiene	3	or	3
SPT	1113	Speech	3	or	3
HPR		Physical Education	1		1

Students should closely follow the catalog of the senior institution of their choice for the specific major being pursued.

Business Education

			SEMESTER HOURS	
	FRESHMAN YEAR		1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
MAT	1233 or BAD 1313	Mathematics	3	
HIS	1113, 1123	History	3	3
BIO	1113, 1123	Biology	3	3
SEC	1113 or 1123	Typewriting	3	
EPY	1513	Psychology		3
SPT	1113	Speech		3
HPR		Physical Education	1	1
	SOPHOMORE YEAR			
ENG	2233, 2243	Literature	3	3
ACC	1213, 1223	Accounting	3	3
SEC	1213,* 1223	Shorthand	3	3
PHY	2213, 2223	Physical Science	3	3
ECO	2113, 2123	Economics	3	3
HPR		Physical Education	1	1

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

Aerial view of Perkinston Campus

Aerial view of Jefferson Davis Campus

Air Traffic Control

			SEMESTER HOURS		
			1 Sem.		2 Sem.
FRESHMAN YEAR					
ENG	1113, 1123	English	3		3
MAT	1233 or 1313 and 1321	Mathematics	3		3
HIS	1113, 1123 or 2213, 2223	History	3		3
PSC	1113	Government			
		or			
SOC	2113	Sociology			
		or	3		3
EPY	1513	Psychology			
		or			
ECO	2113	Economics			
BAD	1113	Introduction to Business	3	or	3
EDP		Computer Programming	3 or 4		3 or 4
SPT	1113	Speech	3	or	3
HPT		Physical Education	1		1
SOPHOMORE YEAR					
BAD	2513	Principles of Management	3	or	3
AVI	1113, 1123	Aviation Fundamentals I and II	3		3
AVI	1213	Aviation Law	3	or	3
*AVI	1315 1325	Aviation Internship I and II	5		5
PHY	2213, 2223	Physical Science	3		3
HPR		Physical Education	1		1

*Two three-month periods of OJT with FAA or completion of a formal Air Traffic Control course and possess F.A.A. Certificate.

Aerial view of Jackson County Campus

GROUP III FINE ARTS

Music
(Perkinston Only)

			SEMESTER HOURS		
FRESHMAN YEAR			1 Sem.		2 Sem.
ENG	1113, 1123	English	3		3
SPT	1113	Speech	3	or	3
MAT	1233	Mathematics			
		or	3	or	3
BAD	1313	Mathematics			
MUS	1214, 1224	Theory	4		4
MUS	2133, 2143	Music Literature	3		3
HPR		Physical Education	1		1
		PIANO EMPHASIS			
MUS	1352, 1362	Private Piano	2		2
MUS	1112	Class Voice	2		
		or			
MUS	1451, 1461	Private Voice	1		1
MUS	1811, 1821	Choir	1		1
		VOICE EMPHASIS			
MUS	1452, 1462	Private Voice	2		2
MUS	1311, 1321	Class Piano			
		or	1		1
MUS	1351, 1361	Private Piano			
MUS	1811, 1821	Choir	1		1
		INSTRUMENTAL EMPHASIS			
MUS	1531, 1541	Private Instrumental	1		1
MUS	1311, 1321	Class Piano			
		or	1		1
MUS	1351, 1361	Private Piano			
MUS	1711, 1721	Band	1		1
SOPHOMORE YEAR					
ENG	2233, 2243	English	3		3
HIS	1113, 1123	History	3		3
EPY	1513	Psychology	3	or	3
MUS	2214, 2224	Theory	4		4
MUS	2113, 2123	Music History	3		3
HPR		Physical Education	1		1
		PIANO EMPHASIS			
MUS	2352, 2362	Private Piano	2		2
MUS	2451, 2461	Private Voice	1		1
MUS	2811, 2821	Choir	1		1
		VOICE EMPHASIS			
MUS	2452, 2462	Private Voice	2		2
MUS	2351, 2362	Private Piano	1		1
MUS	2811, 2821	Choir	1		1

		INSTRUMENTAL EMPHASIS		
MUS	**2531, 2541**	**Private Instrumental**	**1**	**1**
MUS	**2351, 2361**	**Private Piano**	**1**	**1**
MUS	**2711, 2721**	**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		
			1 Sem.		2 Sem.
FRESHMAN YEAR					
ENG	1113, 1123	English	3		3
HIS	1113, 1123	History	3		3
PHY	2213, 2223	Physical Science	3		3
MAT	100	Mathematics	3	or	3
ART	1913	Introductory Art	3	or	3
ART	1313	Drawing I	3	or	3
ART	1323	Drawing II	3	or	3
ART	1413	Design I	3	or	3
ART	1113	Art Appreciation (elective)	3	or	3
HPR		Physical Education	1		1
*SOPHOMORE YEAR					
ENG	2233, 2243	English	3		3
EPY	1513	Psychology	3	or	3
SPT	1113	Speech	3	or	3
ART	2313	Drawing III	3	or	3
ART	2323	Drawing IV	3	or	3
ART	1423	Design II	3	or	3
ART	2613	Ceramics (elective)	3	or	3
ART	2633	Ceramics (elective)	3	or	3
ART	2713	Art History I	3	or	3
ART	2723	Art History II	3	or	3
BIO	1113, 1123	Fundamentals of Biology	3		3
GEO	1123	Geography	3	or	3
SOC	2113	Sociology	3	or	3
HPR		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 freshmen and sophomores are much the same for all branches of engineering.

			SEMESTER HOURS 1 Sem.	2 Sem.
FRESHMAN YEAR				
ENG	1113, 1123	English	3	3
GRA	1112	Engineering Drawing	2	
GRA	2253	Descriptive Geometry		3
MAT	1815, 2425	Calculus	5	5
CHE	1215, 1225	Chemistry	5	5
HPR		Physical Education	1	1
SOPHOMORE YEAR				
ENG	2213	English	3	
PSC	1113	Government		3
PHY	2414, 2424	Physics	4	4
MAT	2433, 2253	Calculus	3	3
HIS	2213	History	3	
ECO	2113	Economics		3
EGR	2413, 2433	Engineering Mathematics	3	3
EGR	1423	Electrical Networks		3
HPR		Physical Education	1	1

NOTES:

1. MAT 1111 is not required but is strongly recommended.
2. Electives may be any introductory courses in any of the humanities and/or social studies.
3. Student should check the particular curriculum on the university level to determine the need for these courses.
4. ENG 2233, 2243, 2223 may be substituted for ENG 2213.

Computer Science

			SEMESTER HOURS 1 Sem.	2 Sem.
FRESHMAN YEAR				
ENG	1113, 1123	English	3	3
PHY	2213, 2223	Physical Science	3	3
MAT	1313	College Algebra	3	
MAT	1323	Trigonometry	3	
MAT	1815	Calculus		5
BIO	1113, 1123	Biology	3	3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
ENG	2233, 2243	English Literature I, II	3	3
HIS	1113, 1123	History	3	3
MAT	2425, 2433	Calculus	5	3

PSC	1113	Government	3	
ECO	2113	Economics		3
EPY	1513	Psychology		3
		Elective		
HPR		Physical Education	1	1

Mathematics Education

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
HIS	1113, 1123	History	3	3
BIO	1113, 1123	Biology	3	3
MAT	1313	College Algebra	3	
MAT	1323	Trigonometry	3	
MAT	1815	Calculus		5
HPR		Physical Education	1	1
SOPHOMORE YEAR				
ENG	2233, 2243	English	3	3
MUS	1113	Music Appreciation		
		or	3	
ART	1113	Art Appreciation		
SPT	1113	Speech	3	
HPR	1213	Health		3
MAT	2425, 2433	Calculus	5	3
ECO	2113	Economics		3
PHY	2213, 2223	Physical Science	3	3
HPR		Physical Education	1	1

NOTE: ENG 2223, 2213 may be substituted for ENG 2233, 2243.
MAT 2253 is not required but is strongly recommended.

Industrial Technology
(Perkinston Campus)

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

Students who plan to pursue a Bachelor in Science Degree in industrial technology at a senior college should enroll in this course.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
GRA	1112, 1122	Engineering Drawing	2	2
ENG	1113, 1123	English	3	3

HIS	1113, 1123	History	3		3
MAT	1313, 1323	Mathematics	3		3
IED	1213, 1223	Woodwork	3		3
HPR		Physical Education	1		1
SOPHOMORE YEAR					
ENG	2233, 2243	English	3		3
PHY	2414, 2424	Physics	4		4
IED	2313	General Metal Work	3	or	3
EPY	1513	Psychology	3	or	3
SPT	1113	Speech	3	or	3
GRA	2253	Descriptive Geometry	3	or	3
ECO	2113	Economics	3	or	3
PSC	1113	Government	3	or	3
HPR		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	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
MFL	1113, 1123	French	3	3
MAT	1313, 1323	Mathematics	3	3
BIO	1134 Biology, BIO 2414* Zoology		4	4
CHE	1215, 1225	Chemistry	5	5
HPR		Physical Education	1	1
SOPHOMORE YEAR				
ENG	2233, 2243	English	3	3
HIS	1113, 1123	History	3	3
CHE	2425, 2435	Chemistry	5	5
PHY	2414, 2424	Physics	4	4
HPR		Physical Education	1	1

***Students may substitute BIO 1314.**

Medical Technology

			SEMESTER HOURS 1 Sem.		2 Sem.
FRESHMAN YEAR					
ENG	1113, 1123	English	3		3
BIO	1134 Biology, BIO 2414 Zoology		4		4
MAT	1313, 1323	Mathematics	3		3
CHE	1215, 1225	Chemistry	5		5
PSC	1113	Government	3	or	3
ECO	2113	Economics	3	or	3
HPR		Physical Education	1		1
SOPHOMORE YEAR					
ENG	2233, 2243	English	3		3
CHE	2425, 2435	Chemistry	5		5
MFL	1113, 1123	French	3		3
PHY	2414	Physics	4		
EPY	1513	Psychology	3	or	3
BIO	2914	Bacteriology			4
HPR		Physical Education	1		1

Pre-Pharmacy

			SEMESTER HOURS 1 Sem.	2 Sem.
FRESHMAN YEAR				
BIO	1134 Biology, BIO 2414 Zoology		4	4
CHE	1215, 1225	Chemistry	5	5
ENG	1113, 1123	English	3	3
MAT	1313, 1323	Mathematics	3	3
ECO	2113, 2123	Economics	3	3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
CHE	2425, 2435	Chemistry	5	5
PHY	2414, 2424	Physics	4	4
BIO	1314	Botany	4	
BIO	2914	Bacteriology		4
		Electives (Social Sciences)	3	3
HPR		Physical Education	1	1

Optometry

			SEMESTER HOURS 1 Sem.		2 Sem.
FRESHMAN YEAR					
ENG	1113, 1123	English	3		3
MAT	1313, 1323	Mathematics	3		3
CHE	1215, 1225	Chemistry	5		5
PSC	1113	Government	3	or	3
SPT	1113	Speech	3	or	3
BIO	1134	Biology	4		
		Elective	3	or	3
HPR		Physical Education	1		1

SOPHOMORE YEAR

HIS	2213, 2223	History	3		3
PHY	2414, 2424	Physics	4		4
ENG	2223, 2213	English	3		3
EPY	1513	Psychology	3	or	3
BIO	2914	Bacteriology	4		
		Elective	3	or	3
MAT	1815	Calculus I	5		
HPR		Physical Education	1		1

Physical Therapy

			SEMESTER HOURS		
FRESHMAN YEAR			1 Sem.		2 Sem.
ENG	1113, 1123	English	3		3
CHE	1215, 1225	Chemistry	5		5
MAT	1313, 1323	Mathematics	3		3
BIO	1134 Biology, BIO 2414 Zoology		4		4
SPT	1113	Speech	3	or	3
		Elective	3	or	3
HPR		Physical Education	1		1

SOPHOMORE YEAR

HIS	2213, 2223	History	3		3
PHY	2414, 2424	Physics	4		4
PSC	1113	Government	3	or	3
SOC	2113	Sociology	3	or	3
ENG	2243	English	3	or	3
EPY	1513	Psychology	3	or	3
		Electives	3		3
HPR		Physical Education	1		1

Medical Record Librarian

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
BIO	1134 Biology, BIO 2414 Zoology		4	4
MFL	1113, 1123	French		
		or	3	3
MFL	1213, 1223	Spanish		
HIS	1113, 1123	History	3	3
HPR	1213	Health	3	
SPT	1113	Speech		3
HPR		Physical Education	1	1

SOPHOMORE YEAR

ENG	2233	English	3	
CHE	1215, 1225	Chemistry	5	5
MAT	1313, 1323	Mathematics	3	3

PHI	2113	Philosophy		3
		*Elective	6	6
HPR		Physical Education	1	1

*Select one course each from: geography, economics, psychology or sociology.

Chemistry Education

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
CHE	1215, 1225	Chemistry	5	5
EPY	1213	Reading	3	
MAT	1313, 1323	Mathematics	3	3
PSC	1113	Government		3
		Elective		
HPR		Physical Education	1	1
SOPHOMORE YEAR				
ENG	2233, 2243	English	3	3
CHE	2425, 2435	Chemistry	5	5
MAT	1111	Mathematics	1	
EPY	1613	Education	3 or	3
SPT	1113	Speech	3 or	3
EPY	1513	Psychology	3 or	3
SOC	2113	Sociology	3 or	3
		Elective		
HPR		Physical Education	1	1

NOTE: ENG 2223, 2213 may be substituted for ENG 2233, 2243.

Agriculture
(Perkinston Campus)

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

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

Basic Agricultural Curriculum

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
CHE	1215, 1225	Chemistry	5	5
BIO	1134 Biology, BIO 2414 Zoology		4	4

AGR	1313	Plant Science	3	
AGR	1214	Animal Science		4
AGR	2253	Livestock Judging	3	
AGR	2713	Agricultural Economics	3	
HPR		Physical Education	1	1

Sophomore year must be altered as curricula differ in senior college.

SOPHOMORE YEAR				
AGR	1413	Farm Machinery		3
SPT	1113	Speech	3	
PSC	1113	Government	3	
AGR	2314	Soils	4	
MAT	1313	Algebra	3	
AGR	2223	Feeds and Feeding		3
AGR	2233	Meat Processing		3
ACC	1213, 1223	Accounting	3	3
HIS	1113	History		3
HPR		Physical Education	1	1

Agricultural Engineering

FRESHMAN YEAR			SEMESTER HOURS 1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
CHE	1215, 1225	Chemistry	5	5
BIO	1134, 1314	Biology	4	4
MAT	1313, 1323	Mathematics	3	3
AGR	2713	Agricultural Economics		3
AGR	1313	Plant Science	3	
HPR		Physical Education	1	1

SOPHOMORE YEAR				
GRA	1112	Engineering Drawing	2	
AGR	1214	Animal Science		4
AGR	1413	Farm Machinery		3
HIS	1113	History		3
BIO	2414	Zoology	4	
PHY	2414, 2424	Physics	4	4
PSC	1113	Government		3
AGR	2314	Soils	4	
SPT	1113	Speech		3
HPR		Physical Education	1	1

Forestry

FRESHMAN YEAR			SEMESTER HOURS 1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
BIO	1134, 1314	Biology	4	4

CHE	1215, 1225	Chemistry	5	5
HIS	1113	History	3	
GRA	1112	Engineering Drawing	2	
PSC	1113	Government		3
AGR	1413	Farm Machinery		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
AGR	1313	Plant Science	3	
AGR	2713	Agricultural Economics	3	
SPT	1113	Speech		3
ACC	1213, 1223	Accounting	3	3
AGR	2314	Soils	4	
PHY	2414	Physics		4
ENG	2243	English Literature		3
MAT	1313, 1323	Mathematics	3	3
HPR		Physical Education	1	1

Veterinary Science

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
BIO	1134 Biology, BIO 2414 Zoology		4	4
CHE	1215, 1225	Chemistry	5	5
AGR	2253	Livestock Judging	3	
EPY	1513	Psychology	3	
AGR	1313	Animal Science		4
AGR	2233	Meats Processing		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
CHE	2425, 2435	Chemistry	5	5
PHY	2414, 2424	Physics	4	4
MAT	1815	Calculus	3	
HIS	2213	History	3	
PSC	1113	Government		3
MUS	1113	Music		3
SOC	2113	Sociology		3
SPT	1113	Speech	3	
HPR		Physical Education	1	1

Home Economics
(Perkinston Campus)

Designed for students who are planning to complete the Bachelor's Degree with a major in home economics.

			SEMESTER HOURS 1 Sem.		2 Sem.
FRESHMAN YEAR					
ENG	1113, 1123	English	3		3
MAT	1213 or 1313	Mathematics	3	or	3
BIO	1113	Biology	3		
HEC	1213	Food Selection and Preparation	3		
PSC	1113	Government	3	or	3
HPR	1213	Health	3	or	3
ECO	2113	Economics	3	or	3
SPT	1113	Speech	3	or	3
HEC	2213	Meal Management			3
HEC	1353	Art of Dress and Personal Grooming	3		
HEC	1121	Introduction to Home Economics	1		
HPR		Physical Education	1		1
SOPHOMORE YEAR					
ENG	2233, 2243	English	3		3
CHE	1215, 1225	Chemistry	5		5
HIS	1113, 1123	History	3		3
HEC	1313	Elementary Clothing	3	or	3
EPY	1513	Psychology	3	or	3
ART	1413	Design	3	or	3
SOC	2113	Sociology	3	or	3
SOC	2133	Marriage and Family	3	or	3
HPR		Physical Education	1		1

Additional courses offered by the home economics department. Open to all students, male and female. Suggested that home economics majors take these additional courses as elective hours.

HEC	1353	Art of Dress and Personal Grooming (Required of home economics majors)	3	
HEC	1121	Introduction to Home Economics	1	
HEC	1112	Social Usage	2	
HEC	2833	Prenatal and Infant Care		3
HEC	2613	Home Economics for Moderns		3

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.

FRESHMAN YEAR			SEMESTER HOURS 1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
HIS	1113, 1123	History	3	3
BIO	1113, 1123	Fundamentals of Biology		
		or		
BIO	1134 Biology**, BIO 2414 Zoology		3 or 4	3 or 4
		or		
BIO	1314**	Botany		
HPR	1213	Personal Hygiene	3 or	3
EPY	1613	Education	3 or	3
MAT	1213	College Mathematics I*		
		or	3 or	3
MAT	1313	College Algebra II		
PSC	1113	Government	3 or	3
HPR		Physical Education	1	1

SOPHOMORE YEAR (ELEMENTARY EDUCATION)				
ENG	2233, 2243	English		
		or	3	3
ENG	2223, 2213	English		
MUS	1113	Music Appreciation		
		or	3 or	3
ART	1113	Art Appreciation		
ART	1913	Introductory Art	3 or	3
MUS	2913, 2923	Music for Children	3	3
EPY	1513	Psychology	3 or	3
ECO	2113	Economics		
		or	3 or	3
SOC	2113	Sociology		
		or		
GEO	1123	Geography		
SPT	1113	Speech	3 or	3
PHY	2213, 2223	Physical Science		
		or	3 or 5	3 or 5
CHE	1215, 1225**	Chemistry		
HPR		Physical Education	1	1

*Mathematics 1213 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	2233, 2243	English		
		or	3	3
ENG	2223, 2213	English		
MUS	1113	Music Appreciation		
		or	3 or	3
ART	1113	Art Appreciation		
SPT	1113	Speech	3 or	3
ECO	2113	Economics	3 or	3

PHY	2213, 2223	Physical Science	3 or 5		3 or 5
		or			
CHE	1215, 1225**	Chemistry			3
HPR	1313	Introduction to Physical Education*	3	or	3
SOC	2113	Sociology	3	or	3
EPY	1513	Psychology	3	or	3
		Elective	1		1
HPR		Physical Education			

*For physical education majors only.
**Laboratory science should be taken by health and physical education, science education and home economics education majors.

Industrial Education
(Perkinston Campus)

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	
			1 Sem.	2 Sem.
FRESHMAN YEAR				
GRA	1112, 1122	Engineering Drawing	2	2
ENG	1113, 1123	English	3	3
BIO	1134	Biology	4	
PHY	2213, 2223	Physical Science	3	3
IED	1213, 1223	Woodwork	3	3
PSC	1113	Government		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
BIO	1314	Botany	3	
ENG	2233, 2243	English	3	3
HIS	1113, 1123	History	3	3
BAD	1313	Mathematics	3 or	3
IED	2313	General Metals	3 or	3
SPT	1113	Speech	3 or	3
HPR	1213	Health	3 or	3
SOC	2113	Sociology	3 or	3
HPR		Physical Education	1	1

ALPHABETICAL LISTING AND DESCRIPTION OF NUMBERED COURSES

ACCOUNTING

ACC 1213-1223 – Principles of Accounting. These courses are 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 for ACC 1213. Prerequisite for 1223 is ACC 1213. Three semester hours each.

ACC 2313 – Cost Accounting. This course is a study of the application of accounting principles to job order, process cost, and standard cost systems. Prerequisite: ACC 1213-1223. Three semester hours.

AGRICULTURE

AGR 1214 – Animal Science. Fundamental principles and practical application of livestock, dairy, and poultry science. Three hours lecture and two hours laboratory. Four semester hours.

AGR 1313 – Plant Science. Scientific principles as the basis for practice in producing, handling, processing, marketing, and utilizing agronomic and horticultural crops. Two hours lecture and two hours laboratory each week. Three semester hours.

AGR 2253 – Livestock Judging. Scoring of individuals and judging of representative groups of livestock from the standpoint of the breeder and the market. One hour lecture and four hours laboratory per week. Three semester hours.

AGR 2223 – Feeds and Feeding. The general basic principles of feeding farm animals, feeding standards; composition and nutritive value of feeds; compilation and presentation of rations. Two hours lecture and two hours laboratory per week. Three semester hours.

AGR 1413 – Farm Machinery. A study of the selection, operation, adjustment, maintenance, and repair of the different types of farm machinery; including the use of both acetylene and electric welding equipment. Two hours lecture and two hours laboratory per week. Three semester hours.

AGR 2314 – Soils. 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 1215. Three lecture and two laboratory periods per week. Four semester hours.

AGR 2233 – Meats Processing. This course will present the fundamental knowledge and practical application of practices and techniques in the butchering and cleaning of meat animals; identification, grading and cutting of carcasses. Two hours lecture and three hours laboratory each week. Three semester hours.

AGR 2713 – Principles of Agricultural Economics. A general course on the basic principles of economics and their application to agriculture. Special emphasis will be placed on economic problems of agriculture. Three lecture periods per week. Three semester hours.

ART

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

ART 1113 – Art Appreciation. An introduction providing a background for the study and appreciation of art. An approach to the understanding and enjoyment of plastic arts. Three semester hours.

ART 1313 – 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 1323 – Drawing II. This is a continuation of drawing I with the additional use of such media as pen and ink, wash and conte crayon. Two lecture and four laboratory periods per week. Three semester hours.

ART 1413 – 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 1423 – 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 1413 or permission of instructor. Two lecture and four laboratory periods per week. Three semester hours.

ART 1913 – Art for Elementary Teachers. The course is designed for prospective elementary teaching programs and all beginning art students. It offers the fundamentals of drawing, color theory, fundamentals of lettering, and problems in use of various media suitable for elementary schools. Three semester hours.

ART 2313 – Drawing III. Fluid media techniques; wash drawing, interpretation and composition emphasized. Prerequisite: ART 1313 or permission of the instructor. Two lecture and four laboratory periods per week. Three semester hours.

ART 2323 – Drawing IV. Fluid media techniques: wash drawing, interpretation and composition emphasized. Prerequisite: ART 2323 or permission of the instructor. Two lecture and four laboratory periods per week. Three semester hours.

ART 2513 – Painting I. Techniques used in painting water colors, oils, pastels, or other media, in still life and landscape pictures. Three semester hours.

ART 2613 – 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 2633 – Sculpture. Problems in ceramic sculpture. Study of glaze mixing and application. Prerequisite: ART 2613 or permission of the instructor. Six hours laboratory per week. Three semester hours.

ART 2713 – Art History I. Survey of art history from pre-historic art through the Renaissance. Three semester hours.

ART 2723 – Art History II. Survey of art history from baroque art through modern art. Three semester hours.

BIOLOGY

BIO 1113-1123 – Fundamentals of Biology. (For non-science majors.) Courses in general biology which include biological principles, processes, and systems of the plants and animals presented in a sequence in which 1113 is a prerequisite to 1123. 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 sciences and will not meet prerequisite requirements for higher level courses in biology. Two lecture and one two-hour laboratory periods per week or three lectures per week. Three semester hours each.

BIO 1134 – General Biology for Science Majors. An in-depth treatment of the general principles of biology includes the nature of protoplasm and cellular activity, metabolism, sensitivity, reproduction and development, and genetics and evolution. This course is a prerequisite to botany and zoology for science majors. Three lecture and one two-hour laboratory period each week. Four semester hours.

BIO 1314 – Botany. This course deals with plant growth and development, plants in relation to their physical and biological environments and plants in relation to their food, water, and minerals. It also deals with plant reproduction and taxonomy. Three lecture and one two-hour laboratory per week. Four semester hours. General biology for science majors is a prerequisite.

BIO 1513 – 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. Three semester hours.

BIO 1523 – Anatomy and Physiology. This is a continuation of BIO 1513 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. BIO 1513 is a prerequisite. Three semester hours.

BIO 2414 – Zoology. This course deals with the organ systems of animals, both structurally and physiologically, from protozoa through the vertebrates. General biology 1134 for science majors is a prerequisite to this course. Three lecture and one two-hour laboratory periods per week. Four semester hours.

BIO 2214 – Introduction to Marine Science. This introductory course to marine biology places emphasis on measurement of physical, chemical, and biological parameters of ecological significance. Special sections of the course are directly related to local commercial fisheries and processing. The laboratory 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 1134, 2414 and CHE 1215. Four semester hours.

BIO 2513 – Human Anatomy and Physiology. A study of the anatomy and physiology of the human body as an integrated whole with more detailed studies of the skeletal, muscular, and nervous systems. Prerequisites: BIO 1134 and 2414. General chemistry is recommended. Two lecture and two laboratory periods per week. Three semester hours.

BIO 2523 – Human Anatomy and Physiology. A continuation of BIO 2513 in which the circulatory, respiratory, digestive, urinary, reproductive, and endocrine systems are studied. Prerequisite: BIO 2513. Two lecture and two laboratory periods per week. Three semester hours.

BIO 2914 – 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. Prerequisites: Eight semester hours of chemistry and BIO 1134. Three lecture and two laboratory periods per week. Four semester hours.

BIO 2924 – Microbiology. A comprehensive study 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.

BUSINESS ADMINISTRATION

BAD 1113 – Introduction to Business. This course is designed to provide the student with a general background of the nature of business and a preliminary idea of the various areas of business specialization. Three semester hours.

BAD 1313 – Business Mathematics. 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.

BAD 2213 – Marketing. 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 2323 – Business Statistics. 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.

BAD 2413 – Business Law. This course is designed to acquaint the students with the fundamental principles of law as they relate to the basic legal problems of business transaction 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.

BAD 2423 – Business Law. This course is a continuation of BAD 2413 and 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.

BAD 2513 – 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 2613 – 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.

AIR TRAFFIC CONTROL

AVI 1113 – Aviation Fundamentals I. Introductory course in aviation. Includes modern aircraft types; basic aerodynamics and theory of flight, both fixed wing and helicopter; airplane structures, propulsion, instruments and avionics, and medical aspects of flight. Three semester hours.

AVI 1123 – Aviation Fundamentals II. Continuation of aviation fundamentals I. Includes flight techniques in light aircraft, instrument flying, flying high performance aircraft, weather, air navigation, and aircraft maintenance. Three semester hours.

AVI 1213 – Aviation Law. Regulation and liabilities of public and private air carriers both domestic and foreign. A study of the development of aviation

law, through inactment of laws and judicial decisions applying to those laws. Local, federal and international laws forming the present legal structure and possible future changes. Three semester hours.

AVI 1315 – Aviation Internship I. Three months experience in an air traffic control facility (radar approach control, ground control approach, radar final control, control tower, air route traffic control or air traffic regulation center). Prerequisite: completion of a formal air traffic control course and possession of FAA certificate. Five semester hours.

AVI 1325 – Aviation Internship II. An additional three months experience in air traffic control facility. Prerequisite: AVI 1315. Five semester hours.

CHEMISTRY

CHE 1215 – General Chemistry I. The course emphasizes fundamental treatments of concepts such as structure, energy relationships, and reaction mechanisms. Atomic theory, orbitals, and chemical bonding is stressed. 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. Three lecture and four laboratory periods per week. Five semester hours.

CHE 1225 – General Chemistry II. A continuation of CHE 1215 with emphasis on metallurgy and a comprehensive study of carbon chemistry. Three lecture and four laboratory periods per week. CHE 1215 is a prerequisite. Five semester hours.

CHE 2425 – Organic Chemistry I. An introductory study of organic chemistry and aliphatic compounds and derivatives. Prerequisite: CHE 1215 and 1225. Three lecture and four laboratory periods per week. Five semester hours.

CHE 2435 – Organic Chemistry II. This course is a continuation of CHE 2425. Further study is made of aromatic compounds and their derivatives. Three lecture and four laboratory periods per week. Five semester hours.

ECONOMICS

ECO 2113 – 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 micro-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 2123 – Principles of Economics. This course is a continuation of ECO 2113 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, monopoly, and monopolistic competition, and an introduction of international trade and finance, economic growth, and the price level. Three semester hours.

EDUCATION AND PSYCHOLOGY

EPY 0113 – Reading Improvement. 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 0113. Three semester hours (nontransfer).

EPY 1213 – Developmental Reading - Improvement of Study. This course is designed to help students improve their reading skills in both speed and comprehension and to develop their study skills. Three semester hours.

EPY 1310 – Orientation. Offered first semester on the Perkinston Campus. Testing in study and library skills is required of all entering freshmen. Students whose scores show deficiencies are encouraged to enroll in the course. The course emphasizes independent study, programmed instruction, and small group instruction and is open to all students. Non-credit.

EPY 1513 – 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.

EPY 1613 – Introduction to Education. The purpose of this course is to give the student a view of the entire field of education, which will serve as a background for more specialized courses. Three semester hours.

EPY 2513 – Child Psychology (Human Growth and Development I). This is a study of the development of the child from the prenatal period through adolesence, including the physical, mental and social characteristics of the preschool child, and the major problems in child development. Prerequisite: EPY 1513. EPY 2513 is for nursing students only. Three semester hours.

EPY 2553 – Psychology of Personal Adjustment. This course provides for the exploring of personal meanings and values. Its focus is on life experience, and is intended to assist individuals in being genuine with themselves, recognizing their innermost feelings, and sharing their feelings and insights. Three semester hours.

ENGLISH

ENG 0113 – 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 0113 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 1113. Three semester hours (nontransfer).

ENG 1113A-1123A – 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. 1113A is a prerequisite to 1123A. Three semester hours each.

ENG 1113B-1123B – 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. 1113B is a prerequisite to 1123B. Three semester hours each.

ENG 1923 – Humanities I. A humanistic approach to man's creative achievements in music, art, literature, and philosophy in western civilization. Three semester hours.

ENG 2213 – American Literature, A Survey. The course is a survey of American literature from colonial times to the present, designed to develop an appreciation of our American heritage. Three semester hours.

ENG 2223 – Survey of World Literature. This study is based on selections of world literature from Homer to Camus. The selected major works are studied to reveal the cultural milieu which produced them and to determine their major contribution stylistically and thematically to the western literary tradition. Three semester hours.

ENG 2233-2243 – English Literature I, II. 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 Neo-Classical Age. The second semester continues with the Romantic Period, the Victorian Age and ends with the Modern Age. ENG 2233 is a prerequisite of ENG 2243. Three semester hours each.

ENGINEERING

EGR 2413 – Engineering Mechanics I. Prerequisite: Credit or enrollment in calculus I. Three lectures vector algebra; Newton's laws; equilibrium conditions for particles and rigid bodies; analysis of structures. Three semester hours.

EGR 2423 – Electrical Network. Prerequisite: Credit or registration in MAT 2253, three lectures; definitions, unit and fundamental laws of electricity; d-c circuit analysis; network theorems; circuit elements; transient analysis; sinusoidal (a-c) steady-state analysis. Three semester hours.

EGR 2433 – Engineering Mechanics II. Prerequisite: EGR 2413. Three lectures, vector calculus; Newton's laws; motion of particles and rigid bodies; work and energy. Three semester hours.

GEOGRAPHY

GEO 1123 – Principles of Geography. This course deals with man's adjustment to fundamental elements of geography such as climate, bodies of water, landforms, location and natural resources and how, with man's adjustment to them, they help to shape world history. Three semester hours.

GRAPHICS AND DRAWING

GRA 1112 – Engineering Drawing. Preliminary training in freehand 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.

GRA 1122 – Engineering Drawing. This course offers advanced study of working drawings, detail and assembly, requiring self-reliance in the selection of views, sheet layout and manner of representations. Neatness, accuracy and economy of time are stressed. Six laboratory periods per week. Two semester hours.

GRA 2253 – Descriptive Geometry. This course deals with the proper representation of all elements and forms of geometrical and graphical problems and gives the methods of determining the true shapes, true size, and true relation of one element to another. Three semester hours.

HEALTH, PHYSICAL EDUCATION, AND RECREATION

NOTE: Every student is required to take two hours of physical education 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 earn one semester hour with academic credit.

HPR 1591 – Health Concepts of Physical Activity. A thorough investigation of contemporary health fitness concepts as they pertain to the individual student. This course contains three phases: (1) scientific information concerning values and preventive medical benefits of exercise; (2) individual (personal) evaluations and experiments to determine present health fitness status; (3) development of a personal exercise program based on a student's needs. One semester hour.

HPR 2231 – Water Safety Instructor. Emphasis on knowledge and skills beyond the scope of Senior Life Saving, certifying personnel to conduct water safety courses in schools and communities. One semester hour.

HPR 2221 – 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.

HPR 2211 – First Aid. This course is the standard first aid course of the American Red Cross. Emphasis is placed on preparing students in the

knowledge and skills needed in preventing accidents as well as rendering aid to the sick and injured. One semester hour.

HPR 1410 – Defensive Driving. This course offers an opportunity to learn what is involved in driving defensively, why and how various types of motor vehicle accidents occur, and what it takes to prevent them. It will provide a standard of driving excellence that can be used to evaluate and improve driving. No credit.

HPR 1411 – 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.

HPR 1213 – Personal Hygiene. The function of the human body as related to problems of health and disease. Three semester hours.

HPR 1313 – Introduction to Physical Education. A complete survey is made of the history, objectives, methods, psychology and philosophy of physical education. Three semester hours.

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

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

HPR 1111, 1121, 2111, 2121 – General Activity Courses. These courses include varied exercises and activities such as volleyball, Military Science, etc. No lecture is involved. Not designed for physical education majors. Meets two hours per week. One semester hour.

HPR 1131, 1141, 2131, 2141 – Varsity Sports. Participation in varsity sports. One semester hour.

HPR 1511, 1521, 2511, 2521 – Team Sports. Lectures on rules and techniques. Participation in activities. Meets two hours per week. One semester hour.

HPR 1531, 1541, 2531, 2541 – Individual and Dual Sports. Lecture and participation in activities. Meets two hours per week. One semester hour.

HPR 1551, 1561, 2551, 2561 – Fitness and Conditioning Training. Lecture and practice in body mechanics, weight training, or gymnastics. Meets a minimum of two hours per week. One semester hour.

HPR 1571, 1581, 2571, 2581 – Dance. Lecture and participation in folk, square, modern, and creative dancing. Meets two hours per week. One semester hour.

HPR 1251 – Mini-Health. A lecture course designed to cover the major functions of the human body, with emphasis on the physiological effects of physical activity. Co-educational. One semester hour.

HPR 1531 – Recreational Sports. A course designed to acquaint the student with the less vigorous individual and dual type recreational activities. Included will be a brief history, rules, etiquette of the activity, along with participation in the various activities, including ping-pong, horseshoes, deck tennis, darts, shuffleboard, etc. Co-educational. One semester hour.

HPR 1751 – Nutritional Therapy and Weight Control. A survey course designed to expose the student to the importance and significance of nutrition in health and physical education, with emphasis on weight control through diet and theraputic exercise. Co-educational. One semester hour.

HPR 1711 – Sports Appreciation. A survey course designed to develop spectator awareness and appreciation of the major spectator sports in our society today. Covering a brief history of the sport, rules, equipment and etiquette associated with the sport. Lecture. Co-educational. One semester hour.

HISTORY

HIS 1113 – Survey of World History to 1648. A general study 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 1123 – Survey of World History Since 1648. 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 2213 – American History to 1865. 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 2223 – American History Since 1865. A continuation of American history beginning with the Reconstruction Era and tracing the nation's development to the present. Three semester hours.

HOME ECONOMICS

HEC 1213 – Food Selection and Preparation. This course involves the study of nutrition as related to the body; the appreciation of principles in planning preparing and serving meals suitable for family needs. One lecture and four laboratory periods per week. Three semester hours.

HEC 1313 – Elementary Clothing. This course offers opportunities for clothing construction based on individual needs and experience. One lecture period and four hours laboratory per week. Three semester hours.

HEC 2213 – Meal Management. This is a continuation of food selection and preparation 1213 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 2613 – Home Economics for Moderns. The content of this course deals with all areas of home life essential to successful living. This course is designed to meet the needs of girls in terminal programs and non-homemaking majors as well as homemaking majors. Three lecture periods per week with special projects in successful home management. Three semester hours.

SOC 2133 – 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.

HEC 1121 – Introduction to Home Economics. A survey of home economics designed to show the value of home economics in personal and family living as well as in professional opportunities. One lecture period per week. One semester hour. Open to all students. Suggested for home economics majors.

HEC 1112 – Social Usage. A course designed to show students the essentials of good manners and accepted standards of social interaction. Two lecture periods per week. Two semester hours. Open to all students.

HEC 2833 – Prenatal and Infant Care. The study of prenatal and maternal hygiene; care of infants from birth through the first year of life. Three lecture periods per week. Three semester hours. Open to all students.

HEC 1353 – Art of Dress and Personal Grooming. Application of design principles to selection and coordination of clothing accessories. Emphasis placed on individual care and grooming, figure problems, make-up techniques, and personal appearance for occupations and careers. Three lecture periods per week. Three semester hours. Open to all students. Required of home economics majors.

INDUSTRIAL EDUCATION AND INDUSTRIAL ARTS

IED 1213 – Woodwork I. This course is designed to develop basic skills, knowledge and an appreciation in the use and care of hand tools, using materials

and products of wood construction. The student is required to make job plans and to construct useful articles of different materials that will develop skills in the use of hand tools and job analysis. One lecture and four laboratory periods per week. Three semester hours.

IED 1223 – Woodwork II. This is a continuation of IED 1213 with an emphasis on the use of various power tools and the development of skill in planning, designing and finishing materials of wood. One lecture and four laboratory periods per week. Prerequisite: IED 1213. Three semester hours.

IED 2313 – General Metal Work. The purpose of this course is to acquaint the student with processes in different types of metal work and includes such items as: welding and burning with acetylene, arc welding, drilling and tapping metals, work on metal lathes, and forging and tempering of metals. Designed especially for industrial education majors, this course can be taken as an elective by anyone desiring knowledge in this area. Three semester hours.

JOURNALISM

JOU 1113 – Introduction to Journalism. A course designed to introduce basic principles and careers in mass communications with emphasis on the newspaper. Three semester hours.

JOU 1123 – Basic News Reporting. A course designed to teach news writing and editing with emphasis on news, features, sports, and interview stories and editorials. Three semester hours.

JOU 2313 – Photo Journalism. Techniques in the use of news cameras and darkroom procedures. Study of interest factors in news photography. Three semester hours.

MATHEMATICS

MAT 1111 – Slide Rule. 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 1213 – College Mathematics I. This course is designed to develop for the student the mathematical concepts, foundations and techniques for a pro-

gram in general education. The structure of the real number system and its major subsystems: The natural numbers, the integers and the rational numbers are presented along with the concepts of sets, logic and other numeration systems. Three semester hours.

MAT 1223 – College Mathematics II. A continuation of MAT 1213. The basic concepts of elementary algebra, informal geometry, probability and statistics are presented. Three semester hours.

MAT 1233 – Intermediate Algebra. This first course in basic college algebra begins with the fundamental notions of mathematics, progresses through solutions of linear equations and introduces quadratic equations. Three semester hours.

MAT 1313 – College Algebra. A continuation of MAT 1233, it reviews quadratic equations and advances through more complex algebraic topics. Prerequisite: MAT 1233 or two years of high school algebra. Three semester hours.

MAT 1323 – Trigonometry. A course in college plane trigonometry with a brief introduction to some topics in analytic geometry. Prerequisite: Two years of high school algebra and one year of geometry or MAT 1313. Three semester hours.

MAT 1423 – Mathematics for Business and Social Sciences. This course consists of a review of algebra, percentages and simple interest, compound interest and annuities, permutations and combinations, systems of linear algebraic equations, matrices and solution of linear systems, logarithms, inequalities, and linear programming. Prerequisite: MAT 1233 or two years of high school algebra. Three semester hours.

MAT 1513 – Analytic Geometry. This course consists of the equations, properties, and relations of lines, conic sections and solids. Three semester hours.

MAT 1613 – Differential Calculus. This is a study of the theory of derivatives of functions, the rules of integrating algebraic functions, trigonometric functions, inverse trigonometric functions, exponential functions, and practical applications of integration. Three semester hours.

MAT 1815 – Calculus I. 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 1313. Five semester hours.

MAT 2233 – Integral Calculus I. The definite intergral, formal integration, application to area, volumes, and moments. Three semester hours.

MAT 2243 – Integral Calculus II. Multiple integrals, approximation of integrals, series, Taylor's Theorem, and application of practical problems. Three semester hours.

MAT 2425 – Calculus II. A continuation of MAT 1815 with emphasis on the techniques of integration, partial differentiation. Five semester hours.

MAT 2433 – Calculus III. This course is a continuation of MAT 2425 covering applications of integration and infinite series. Three semester hours.

MAT 2253 – Differential Equations. This course consists of the development and solutions of differential equations, some partial differential equations and solutions in series. Three semester hours.

MILITARY SCIENCE
(Perkinston Campus)

MSC 1112 – Military Science. A basic course in Military Science designed to: provide the student with a knowledge of the fundamentals and techniques of leadership and small unit tactics; develop proficiency in land navigation through the use of military maps; familiarize the student with the weapons found in the infantry squad and provide him skills in firing the .22 caliber rifle with attendant safety procedures. Two hours of lecture. Two semester hours.

MSC 1122 – Military Science. A course designed to provide the student with an understanding of the interrelationship between the American Military Establishment and American society and how this interrelationship has influenced the growth of the American military system and the conduct of American wars. The course is divided into two subcourses. Subcourses are American Military History and United States Defense Establishment. Leadership is taught concurrently with the other subcourses. Two hours lecture. Two semester hours.

MSC 2111 – Military Science. This course is designed to provide for continued development of proficiency in skills acquired during MS I Fundamentals of Leadership and Management. Advanced leadership training is provided by student participation in at least one of the following activities: Pershing rifles

drill team and color guard, rifle team, ranger unit training, or independent study program. One lecture, one hour laboratory. One semester hour.

MSC 2121 – Military Science. This course is a continuation of Military Science Leadership Laboratory I with the same course description. One lecture, one hour laboratory. One semester hour.

MODERN FOREIGN LANGUAGES

MFL 1113 – Elementary French. An oral-aural approach stressing conversation, pronunciation, comprehension, reading, writing and functional grammer, with emphasis on the practical aspects of the language. A modern language laboratory is used extensively. Three semester hours.

MFL 1123 – Elementary French II. Continuation of MFL 1113. Three lecture and one laboratory hour (optional) per week. Prerequisite: MFL 1113. Three semester hours.

MFL 1213 – Elementary Spanish I. An oral-aural approach stressing conversation, pronunciation, comprehension, reading and functional grammar with emphasis on the practical aspect of the language. A modern language laboratory is used extensively. Three semester hours.

MFL 1223 – Elementary Spanish II. Continuation of MFL 1213. Three lecture and one laboratory hour (optional) per week. Prerequisite: MFL 1213. Three semester hours.

MFL 2113 – Intermediate French I. Continuation of MFL 1123. Three lecture and one laboratory hour (optional) per week. Prerequisite: MFL 1113 and 1123 or two years high school French. Three semester hours.

MFL 2123 – Intermediate French II. Continuation of MFL 2113 with additional literary and cultural readings and compositions. Review of essential elements of grammar. Three lecture and one laboratory hour (optional) per week. Prerequisite: MFL 2113. Three semester hours.

MFL 2213 – Intermediate Spanish I. Continuation of MFL 1223. Three lecture and one laboratory hour (optional) per week. Prerequisite: MFL 1213 and 1123 or two years high school Spanish. Three semester hours.

MFL 2223 – Intermediate Spanish II. Continuation of 2213 with additional literary and cultural readings and compositions. Review of essential elements

of grammar. Three lecture and one laboratory hour (optional) per week. Prerequisite: MFL 2213. Three semester hours.

MUSIC

MUS 1133 – Fundamentals of Music. This course is designed for the non-music major. It provides the student with a basic knowledge of notation, scales and keys, rhythm, intervals, triads and their inversions, and a familiarity with the keyboard. Three semester hours.

MUS 1112 – Class Voice I. This course open to all students is designed for the beginning student of voice and will give a general knowledge of the principles of good singing. Two semester hours.

MUS 1113 – Music Appreciation. This one-semester course meets the fine arts requirement of all education majors. It is primarily a music listening course designed to illustrate the functional aspects of music in education and everyday living. Three semester hours.

MUS 1214-1224 – Music Theory I, II. A study 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.

MUS 1351-1361 or 1352-1362 – Piano I, II. Private lessons include the fundamentals of technique, reading and interpretation. Compositions are selected to suit the individual's background and ability.

MUS 1311-1321 – Class Piano I, II. Class study in keyboard training is designed for students who have had no previous piano instruction. Fundamentals are taught through class participation and discussion, including the study of choral 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 1451-1461 or 1452-1462 – Voice I, II. Private lessons include fundamentals of breath control, tone placement, voice building, flexibility and enunciation. Song literature of the classic and modern schools is given to build musicianship and a sense of style.

MUS 1531-1541 or 1532-1542 – Band Instruments I, II. Private lessons in the fundamentals of techniques, reading and interpretation. Materials from standard repertoire are selected to suit individual needs.

MUS 1711-1721 – Band I, II. The college band is open to any student displaying adequate technique. Its purpose is to provide color and atmosphere to athletic and community events as well as to develop skills and an understanding of music literature. One semester hour each.

MUS 1811-1821 – Choir I, II. Mixed choir is open by audition to all students. It develops an understanding and appreciation of music through active participa-

tion, as well as enhancing the cultural environment of the college community through concerts and special performances. One semester hour each.

MUS 2113-2123 – Music History I, II. The development of music is traced, beginning with primitive nations, early Christian liturgy; the development of polyphony; the rise of opera, oratorio and cantata, the Baroque, Classical, Romantic eras as well as trends in modern musical compositions. Three semester hours each.

MUS 2133-2143 – Music Literature I, II. 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 2214-2224 – Theory III, IV. A continuation of MUS 1224 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 2351-2361 or 2352-2362 – Piano III, IV. A continuation of MUS 1352-1362 with selections from the masterpieces of classical, romantic and modern composers as well as continued work on technical and interpretative skills.

MUS 2451-2461 or 2452-2462 – Voice III, IV. A continuation of MUS 1452-1462 with materials including arias from standard operas and oratorios.

MUS 2531-2541 or 2532-2542 – Band Instruments III, IV. A continuation of MUS 1532-1542 using materials of a more advanced nature.

MUS 2711-2721 – Band III, IV. A continuation of MUS 1711-1721. One semester hour each.

MUS 2811-2821 – Choir III, IV. A continuation of MUS 1811-1821. One semester hour each.

MUS 2913-1923 – Music for Children I, II. 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.

PHILOSOPHY AND BIBLE*

PHI 1113 – Old Testament Survey. This course is designed to give the student a basic foundation in the study of the Old Testament. Attention is given

to the historical setting of each book with emphasis on Hebrew custom and ritual. Some time is spent teaching the importance of the Old Testament in an understanding of the New Testament and fundamental principles of interpretation. Three semester hours.

PHI 1133 – New Testament Survey. This study is for the purpose of giving the student a working knowledge and appreciation of the New Testament. It is basically a lecture course using the Bible as the text. Some attention is given to the writing, preservation, and translation of the Scripture; the historical and geographical setting of each book; and the development of the Christian movement in the First Century. Three semester hours.

PHI 1153 – The Life of Christ. This course is a complete study of the life of Christ as recorded in the Four Gospels (Matthew, Mark, Luke, and John) including a background study of the geographical, political, and social conditions of the world in Christ's day, His birth, His ministry, His teachings, His disciples, His death and resurrection, and influence upon the world. Three semester hours.

PHI 1163 – Acts and Epistles. This course deals in detail with the life of the Apostle Paul as recorded in the book of Acts and with each of the Epistles which he wrote. Major attention is given to Paul's three missionary journeys. Three semester hours.

PHI 2113 – Introduction to 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.

***Offered when staff is available.**

PHYSICS

PHY 2213-2223 – Physical Science Survey I, II. Courses in basic principles, methods, and theory of the physical sciences which include a general survey of chemistry, physics and earth sciences. 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. Three lecture periods per week. Three semester hours each.

PHY 2414 – 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 2424 – General Physics II. A continuation of PHY 2414, dealing with the fundamental principles of light, electricity and magnetism. Three lecture and two laboratory periods per week. Four semester hours.

POLITICAL SCIENCE

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

SECRETARIAL SCIENCE

SEC 1113 – Elementary Typewriting. A course designed for beginners in typewriting. Credit will not be given a student whose high school transcript shows one unit in business typewriting except through permission from the instructor. Three semester hours.

SEC 1123 – 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. Prerequisite: elementary typewriting or equivalent competency. Three semester hours.

SEC 1213-1223 – Elementary and Intermediate Shorthand I, II. These courses include a study of Gregg Shorthand, Diamond Jubilee Series, including theory, phrasing brief forms, transcripts, letter placement, and dictation of articles and letters. Elementary and intermediate shorthand are divided into groups: (A) for those students having shorthand in high school for one year or more, and (B) for those students having no previous shorthand, or less than one year of shorthand in high school. Three semester hours.

SEC 1312 – 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.

SEC 2113 – 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: Intermediate typewriting. Three semester hours.

SEC 2123 – Production Typewriting. This course includes a review of techniques in skill building with development of speed and accuracy in typewriting a variety of office forms, and emphasis on shortcuts in production typewriting. Prerequisite: Advanced typewriting. Three semester hours.

SEC 2213-2223 – Advanced Shorthand III, IV. These courses offer 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.

SEC 2263 – 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.

SEC 2413 – 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. Prerequisite: Typewriting. Three semester hours.

SEC 2523 – 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.

SEC 2613 – Business Communications. 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.

SEC 2512 – Office Appliances. This course provides instruction and practice in the operation of office appliances, including spirit, stencil, and offset duplicators, transcribing machines, proportional-spacing typewriters, mimeoscope, composing machines, office machines and copying machines. Prerequisite: Typewriting. Two semester hours.

SOCIOLOGY

SOC 2113 – Introduction to Sociology. This course is designed to give the student an introduction to sociology and its development. Emphasis is placed on how man builds his culture and how customs and behavior patterns are developed and the functions and importance of social institutions. Three semester hours.

SOC 2133 – Marriage and Family. A course designed to analyze current problems in courtship, engagement, and early years of marriage, and identifies the factors that contribute to success and happiness in marriage. Three semester hours.

SPEECH AND THEATRE

SPT 1113 – Oral Communication. The basic principles of effective speech preparation and delivery are emphasized, and the student applies these techniques in practical speaking experiences. Speeches to inform and instruct, to convince and persuade, to stimulate and entertain, and speeches for social occasions are a part of the course. Parliamentary law is also included. Three semester hours.

SPT 1123 – Debate. This course offers the basic principles in debate and argumentative speaking with practical application of these principles in both areas. Actual tournament experience is required. Three semester hours.

SPT 1153 – Voice and Diction. Extensive study in improving voice, pronunciation, and vocabulary in order to communicate more effectively in everyday situations. This course is designed to benefit any student and specifically those students majoring in education, law, religion and related areas. Three semester hours.

SPT 1213 – 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.

SPT 1413 – Television Communication. The purpose of this course is two-fold; first, to give the student an understanding of the media so that he will become more appreciative and critical of television in the communication process; second, to give the student practical applications in commercial and educational television techniques. This course will be particularly valuable to

education, language arts, speech and drama, art, social science, pre-law philosophy, and radio/television students. Two lecture and two laboratory hours per week. Three semester hours.

SPT 1611 – Parliamentary Procedure. The purpose of this course is to study parliamentary law, and to apply its principles. One semester hour.

SPT 1241 – Speech. First one-hour course in the sequence of possible four, which requires participation in the college production for that semester. One semester hour.

SPT 1251 – Speech. Second one-hour course, in the sequence of possible four, which requires participation in the college production for that semester. One semester hour.

SPT 1261 – Speech. Third one-hour course, in the sequence of possible four, which requires participation in the college production for that semester. One semester hour.

SPT 1271 – Speech. Fourth one-hour course, in the sequence of possible four, which requires participation in the college production for that semester. One semester hour.

SPT 2143 – Oral Interpretation. The mechanics of the interpretation of prose and poetry selections are applied in the presentation of selections for criticism given by the students. Sometimes called oral reading, this knowledge of interpretation will increase the reader's appreciation of all types of literature. This course is recommended for English majors, education majors, ministerial students and pre-law students. Prerequisite: SPT 1113. Three semester hours.

COURSES OFFERED BY MISSISSIPPI GULF COAST JUNIOR COLLEGE IN COOPERATION WITH CONSORTIUM FOR INTERNATIONAL EDUCATION

EUROPEAN TRAVEL

HIS 2913 – 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 17th century with emphasis placed on European development. Three semester hours.

SPT 2313 – History of Theater. The study of drama from the beginning of the 19th century through the words of the modernists of the mid-twentieth century. No prerequisite. Three semester hours.

HEC 2913 – Foods. This course is designed to enrich a student's knowledge and appreciation of foods not only in America, but in European countries as well. There are visits to many famous restaurants; such as "Plien Ceil" atop the Eiffel Tower, "Casina" in Rome, and "Cafe Royal" in London. Students have the opportunity to view many bakeries, food factories, famous chefs, wineries, and many more exciting places and people. Three semester hours.

HEC 2923 – Clothing. This course is designed to enrich a student's appreciation of clothing and textiles. The student discovers treasurers that tumble out of Europe's market places, antique staffs, and boutiques in a fascinating way from British "gear" on Carnaby Street to Parisian chic boutiques on Faubourg-St. Honore. They view flea markets, Venetian necklaces, and famed fashion houses throughout the countries visited. Three semester hours.

ART 1113 – Art Appreciation. An introduction providing a background for the study and appreciation of art. An approach to the understanding and enjoyment of plastic arts. Three semester hours.

NOTE: Students may elect to take a maximum of six semester hours on a tour.

GROUP VII TECHNICAL

ASSOCIATE DEGREE NURSING PROGRAM

(Jefferson Davis Campus and Jackson County Campus)

The Associate Degree Nursing program is designed to fulfill the educational needs of qualified 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 August.

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, and the Singing River Hospital at Pascagoula by students attending Jackson County Campus. The Veterans Administration Hospital, Gulfport, and Keesler Medical Center are used by both campuses.

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 write the National Board Examinations to become registered nurses.

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 these tests must be made a month in advance.
3. Complete an application form for the nursing program.
4. Completion of medical and dental record which will be furnished.
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 July 1.

PROMOTION POLICIES – All students enrolled in the Associate Degree Nursing program must earn at least sixty-seven (67) 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 área - nursing. A quality point average below 2.0 (grade of D or less) in one course of nursing science carrying 5 or more semester hours places the student on nursing probation. A second D in a nursing science course carrying 5 or more credits requires the student to successfully 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	
FRESHMAN YEAR		**1 Sem.**	**2 Sem.**
ENG 1113, 1123	English	3	3
BIO 1513, 1523	Biology	3	3
EPY 1513	Psychology	3	
NR 120, 121	Nursing Science	6	6
BIO 2924	Microbiology		4
HPR	Physical Education	1	1
SUMMER			
NR 220	Nursing Science	3	
SOPHOMORE YEAR			
NR 221, 222, 223	Nursing	10	12
SPT 1113	Speech	3	
EPY 2513	Psychology	3	
SOC 2113	Sociology		3

NR 120 – Nursing Science. 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 mobility. Rehabilitation, community resources, mental health concepts and drug therapy are introduced and correlated throughout the program. Four hours lecture per week. Six hours laboratory per week. Prerequisites: BIO 1513 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, gastrointestinal and urological. Four hours lecture per week. Six laboratory periods per week Prerequisites: NR 120, BIO 1513, 1523, and 2924 to be taken concurrently with or prior to NR 121. 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, gastrointestinal and urological. Four hours lecture per week. Six laboratory periods per week. Prerequisites: NR 120, BIO 1513, 1523 and 2924 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. Six hours lecture per week. Twenty hours laboratory per week. Prerequisites: NR 121, EPY 1513 and BIO 2924. Three semester hours.

NR 221 – Nursing Science. 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. Prerequisite: NR 121. Ten semester hours.

NR 222 – 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 new-born period through fourteen 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 221, BIO 1523 and 2924. 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.

COMPUTER PROGRAMMING TECHNOLOGY
(Jackson County Campus)

The computer programming technology curriculum prepares the student for employment in programming in any type of industry requiring general knowledge of programming concepts, such as industrial manufacturing, banking, insurance, textile and petroleum industries.

The computer programming technology graduate will have a knowledge of mathematics, engineering and business principles and practices. Background

preparation for problem understanding and communication in the application of programming and data processing principles to problem solving is stressed.

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

			SEMESTER HOURS	
FIRST YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
CPT	100	Introduction to Computer Programming	4	
RT	107	Technical Drawing		3
CPT	101	Programming		4
		*Electives		
SECOND YEAR				
RT	203	Technical Communications	3	
ACC	1213T, 1223T	Accounting	3	3
CPT	201	Programming	4	
CPT	202	Production and Inventory Control	3	
CPT	205	Principles of Cost Accounting		3
CPT	204	Organization and Management of a Computer Center		3
DR	211	Automated Drafting		3
		*Electives		

***Seven semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: economics; introduction to business; marketing; psychology; principles of management; basic electricity; typewriting; government; business law; introduction to steel shipbuilding and blueprint reading.**

CPT 100 – Introduction to Computer Programming. This course introduces the beginning student to the equipment and terminology that is used in electronic data processing field. The basics of boolean algebra, computer logic are given special attention. The student is also introduced to the Fortran language. Prerequisite: High school algebra or be enrolled in RT 110. Four semester hours.

CPT 101 – Programming. An indepth study into the compiler languages; FORTRAN and COBOL. The first phase of this course involving FORTRAN will concentrate on the following areas: input-output, arithmetic statements, control statements, routines and subprograms. The second phase of the course dealing with COBOL will cover the following areas: procedure division, data division, environment division and identification division. Prerequisite: CT 100 or permission of the instructor. Four semester hours.

CPT 201 – Programming. This course is divided into two parts. The first part deals with the compiler language ARGOL. The second part of the course will be an indepth study of the language PL-1. Prerequisite: RT 110 and 111 or permission of the instructor. Four semester hours.

CPT 202 – Production and Inventory Control. The student will become familiar with the basic principles involved in planning and scheduling. Also included will be the concepts of economic ordering points, balancing inventor, production and sales. The general applications of computer inventory control will be covered. Three semester hours.

CPT 204 – Organization and Management of a Computer Center. Concepts and techniques for the organization and management of a typical computer center are covered. Typical computer center problems and their solutions are treated as basic elements needed to operate a computer organization in a profitable manner. Three semester hours.

CPT 205 – Principles of Cost Accounting. An understanding of the basic concept of cost accounting functions 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. Prerequisite: ACC 1213T. 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 in 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	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
BAD	1113	Introduction to Business	3	
BAD	1313	Mathematics	3	
DMT	100	Salesmanship	3	
SEC	1113	Typewriting*	3	
SPT	1113	Speech		3
DMT	101	Retailing		3
BAD	2513	Principles of Management**		3
DMT	103	Occupational Orientation***		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
ECO	2113	Economics	3	
ACC	1213	Accounting	3	
SEC	2613	Business Writing	3	
DMT	204	Marketing	3	
DMT	205, 206	Marketing Research***	3	3
RT	204	Foundations of Business****		3
BAD	2613	Principles of Finance**		3
DMT	207	Advertising		3
BAD	2413	Business Law		3

*Not required if completed one year of high school typewriting. Substitution should be made with executive dean's approval.

**These classes should be taken when offered as they are offered only on alternate years.

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

****EPY 1513 may be substituted.

An elective may be taken to complete graduation requirements of 64 hours of instruction.

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 preparation. 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. 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 are studied, along with 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. 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. A control class of on-the-job training in mid-management. 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. A control class of on-the-job training in mid-management. Available to DMT students only. This involves planning, conducting, reporting and interpreting an elementary market research project, which 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

This curriculum imparts skill and knowledge in translating engineering ideas into lines and dimensions on paper for use by the craftsman in making an idea a reality. The drafting and design technology curriculum will develop graduates with the following:

- –a well founded educational experience whereby students may develop their capabilities and interests to a degree of maximum value to themselves and to our society.
- –essential knowledge and skills required for efficient and productive performance in the drafting and design phase of the industrial world.

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

(Jefferson Davis and Perkinston Campuses)

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
PSC	1113	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
HPR		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	Architectural 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
HPR		Physical Education	1	1

*IT 125 is taken by the students attending Jefferson Davis Campus instead of RT 211.

(Jackson County Campus)

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
DR	110	Fundamentals of Drafting	5	
MT	126	Manufacturing Processes		4
DR	111	Machine Drafting		5
		*Electives		
SOPHOMORE YEAR				
RT	202	Technical Communications	3	
RT	113	Descriptive Geometry	3	
RT	209, 210	Plane Surveying	3	3

DR	205	Architectural Drafting and Design	5	
DR	212	Structural Design and Strength of Materials		5
DR	206	Map and Topographical Drafting		3
DR	207	Piping, Sheetmetal and Electrical Drafting		3
		*Electives		

**Two semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: introduction to steel shipbuilding and blueprint reading; principles of management; economics; automated drafting; introduction to business; psychology; government; typewriting.

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. 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. Five semester hours.

DR 205 – 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. 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 drawings using maps and field survey data. Two lecture and two laboratory periods per week. Prerequisite: DR 111. Three semester hours.

DR 207 – Piping, Sheetmetal and Electrical Drafting. An advanced course in drafting techniques and knowledge are employed in the planning of mechanical and electrical objectives. Efficient use of applicable handbooks and code books is an integral part of this course. Two lecture and two laboratory periods per week. Prerequisite: DR 111. Three semester hours.

DR 208 – Hull Drafting and Design. The body of a ship, including shell plating, framing, decks, and bulkheads will be drawn in detail from an offset book and blueprints. Other component parts such as stringers, beams and pillows will also be detailed. Two lecture and six laboratory periods per week. Prerequisite: DR 111. Five semester hours.

DR 209 – Technical Illustration. This course is designed to translate orthographic blueprints into three dimensional drawings by the following methods: isometric, perspective and oblique. One lecture and four laboratory periods per week. Three semester hours.

DR 210 – Marine Piping and Sheetmetal Drafting. A course designed to acquaint the student with the various fittings used in marine piping and the symbols used in drawing them. Pipe layouts, in both multiview and isometric, are made to bring out the importance of clearance and possible interference in the installation. Sheetmetal drafting gives the student a knowledge of layout and installation procedures for both the duct and plate work required in a ship. Two lecture and two laboratory periods per week. Three semester hours.

DR 211 – Automated Drafting. This course is designed to provide a background in the semi-automatic methods used to develop, validate, and assist in the manufacturing process. A study of numerical controlled machine tools and their required application to drafting procedures. Three semester hours.

DR 212 – Structural Design and Strength of Materials. This course is designed to give basic understanding of the strength of materials. It covers the following topics: simple stresses, strains, physical characteristics of materials, reactions, moments of inertia, and deflections, applications to machine parts and structural parts. Problems in structural detailing and design involve the drawing of beams, columns, connections, stresses and braces. Two lecture and six laboratory periods per week. Prerequisite: DR 111. 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 acquaintance with actual working drawings of a ship. Class work involves both research and drawing. Two lecture and two laboratory periods per week. Three semester hours.

DR 214 – Electrical/Electronics Drafting. This course provides a working knowledge of electrical/electronics symbols and connectors, circuit schematics, cabling, wire layouts and checking, block diagrams and module representation. Four laboratory periods per week. Two semester hours.

EDUCATIONAL DATA PROCESSING TECHNOLOGY

(Jefferson Davis Campus - Two-Year Terminal)

The educational data processing curriculum provides an excellent opportunity for the student to enjoy a well rounded educational experience. The curriculum is largely composed of courses which will enable the student to acquire a knowledge of the computer and its languages in order that he may develop the skills which are needed for the work in a computer center.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
ACC	1213, 1223	Accounting	3	3
MAT	1233	Algebra (or Algebra 1313, or Trigonometry 1323)	3	
EDP	1314	Basic Data Processing	4	
BAD	1323	Math of Finance		3
EDP	1324	RPG Programming		3
PSC	1113	American Government (or SOC 2113 Sociology, or EPY 1513 Psychology)		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
ECO	2113, 2123	Economics	3	3
ACC	2313	Cost Accounting	3	
SEC	2613	Business Writing		3
EDP	1214	Fortran Programming	4	
EDP	2114	Cobol Programming		4
SPT	1113	Speech		3
EDP	2123	Systems Design and Development		3
BAD	2323	Statistics	3	
HPR		Physical Education	1	1

EDP 1111 – Key Punch. This course is designed to acquaint the student with the various processes of punching cards in typical office functions that involve key punching. The course is also planned to properly train the student to possess the degree of punching skill and speed necessary for employment. One semester hour.

EDP 1223 – Introduction to Data Processing. This course is designed for a one-semester introductory course to the concepts and basic features of computers. It can be taken by any student for transfer credit. The aim of the course will be centered on the ability to communicate and understand the language of communication to the computer. Three semester hours.

EDP 1314 – Basic Data Processing. Designed to acquaint the student with operating the keypunch, sorter, verifer, accounting machine, collator, reproducer, and interpreter. Introduces functional wiring principles, job design, basic unit record machine operations, and basic forms design. This course also introduces the student to a general introduction to the concepts and basic features of electronic computers. Three lecture and two labs per week. Four semester hours.

EDP 1323 – RPG Programming. 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 and the 1130 computing system. Prerequisite: basic data processing 1314. Four semester hours.

EDP 1214 – Fortran Programming. 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 mathematical, statistical and accounting problems. Prerequisite: RPG programming 1323. Three lecture and two labs per week. Four semester hours.

EDP 2123 – Systems Design and Development. This course is designed to cover the application of systems techniques to the solution of business-data-processing problems. The techniques include documentation, written procedure, system flowcharts, coding, forms design, record design, data controls, and file organization. Prerequisite: fortran programming 1214. Three semester hours.

EDP 2114 – Cobol Programming. An industry language known for commercial or business data processing applications and has become an essential part of the training of any graduate in computer science, accounting, business administration, etc. Emphasis will be stressed on how to write efficient programs, how COBOL is used effectively in commercial applications and the logical approach necessary to write sophisticated programs. Prerequisite: fortran programming 1214. Three lecture and two labs per week. Four semester hours.

ELECTRICAL TECHNOLOGY PROGRAMS
(Jackson County Campus)

The technologies offered under this program are: light construction electrical technology; heavy construction electrical technology; marine electrical techno-

logy; electrical appliance technology; electrical heavy machinery technology; electrical power distribution technology; electrical power generation technology.

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

			SEMESTER HOURS	
FIRST YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
ET	100	Basic Electricity	4	
ET	101	Electron Theory		4
RT	107	Technical Drawing		3
SECOND YEAR				
RT	202	Technical Communications	3	
EE	205	National Electrical Code	1	
EE	202	Industrial Instrumentation and Control	3	
EE	201	Electrical Control Circuits	3	
EE	202	Power Generation and Distribution	4	
MWT	101	Welding Processes		3
EE	210	Transformer Applications		3
EE	211	Power Instrumentation and Automation		3
EE	212	Heavy Electrical Construction*		
EE	213	Marine Electrical Construction*		
EE	214	Appliance Repair*		
EE	215	Heavy Electrical Machinery Installation and Repair*		
EE	216	Electrical Power Distribution*		
EE	217	Electrical Power Generation*		
EE	218	Light Electrical Construction*		
		Electives**		

*In their fourth semester electrical technology students will make a selection from these courses in order to place emphasis on the area of electrical work in which specialization is desired. A minimum of three semester hours will be selected from this group of courses.

**Six semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: typewriting; introduction to business; automated drafting; principles of management; psychology; application of computer logic; economics; government; introduction to steel shipbuilding and blueprint reading; introduction to computer programming.

EE 201 – Electrical Control Circuits. 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 connections are calculated and understood. Three lecture and two laboratory periods per week. Four semester hours.

EE 205 – National Electric Code. This course trains students in city, county, state and national electric codes governing the installation of electrical appliances wiring, raceway installations, and all other areas covered by regulatory codes on electrical work. One semester hour.

EE 210 – 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. applications differences for frequence, power loss, impedance, hysteris effects, and lamination specifications are emphasized. Two lecture and two laboratory hours per week. Three semester hours.

EE 211 – Power Instrumentation and Automotion. 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. Three semester hours.

EE 212 – Heavy Electrical Construction. This course teaches maintenance and installation of electrical power systems for industrial plants and large power consumers where normal service is in excess of 400 ampere, 240 volts. One lecture and four laboratory hours per week. Three semester hours.

EE 213 – Marine Electrical Construction. This course is designed to train a technician for the marine maintenance and construction industry. It includes all phases of power generation, distribution, raceway construction, equipment installation, auxiliary systems common to shipboard electrical systems. One lecture and four laboratory hours per week. Three semester hours.

EE 214 – Appliance Repair. This course is designed to train a technician in the intricasies of all types of major and minor electrical appliance installation and repair. One lecture and four laboratory hours per week. Three semester hours.

EE 215 -- Heavy Electrical Machinery Installation and Repair. This course is designed to train a specialist in the field of heavy electrical machinery installation and repair such as cranes, pumping systems, engines or hydro electrical press systems. One lecture and four laboratory hours per week. Three semester hours.

EE 216 – Electrical Power Distribution. This course is intended to train a specialist in the field of electrical power company feeder and distribution systems, pole line applications, high voltage line systems and substation installation and maintenance. One lecture and four laboratory hours per week. Three semester hours.

EE 217 – Electrical Power Generation. This course is specialized in the field of installation and maintenance in power generation plants: hydro electric, steam and nuclear electrical generating systems. One lecture and four laboratory hours per week. Three semester hours.

EE 218 – Light Electrical Construction. This course is designed to teach electrical systems, and the installation thereof in public buildings, apartment complexes, small business and housing units, where non-industrial power supplies are used. One lecture and four laboratory hours per week. Three semester hours.

ELECTRONICS TECHNOLOGY
(Jackson County Campus)

This program offers excellent preparation for a variety of jobs in the electronics field at the technician level.

Employment opportunities include: radar technician; sonar technician; communications technician-marine; industrial radio or T.V. control room operator; instrumentation technician; electronics computer technician; radio station engineer, assistant radio station engineer (with F.C.C. license); electronics associate engineer; technical sales representative; electronics laboratory technician (proto-type and test analysis); electronics installation supervisor.

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

			SEMESTER HOURS	
FIRST YEAR			**1 Sem.**	**2 Sem.**
RT	**100, 101**	**Technical Communications**	**3**	**3**
RT	**110, 111**	**Technical Mathematics**	**3**	**3**

RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
ET	100	Basic Electricity	4	
ET	101	Electron Theory		4
RT	107	Technical Drawing		3
SECOND YEAR				
RT	202	Technical Communications	3	
ET	201, 210	Semiconductors I, II	3	3
ET	200, 211	Systems I, II	3	3
ET	202	Industrial Instrumentation and Control	3	
ET	212	UHF and Micro-Waves		3
ET	213	Application of Computer Logic		3
		Electives*		

*Eight semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: typewriting; introduction to business; introduction to computer programming; economics; introduction to steel shipbuilding and blueprint reading; principles of management; government; psychology; automated drafting.

ET 100 – Basic Electricity. Sources and materials of electricity/electronics, their properties and use. Installation practices; use of tools and instruments; simple power distribution methods; simple resistive networks through complex R-L-L and resonant circuitry. Solutions by ohms and Kirchoffs laws; super-position, Thevenins and Nortons Theorems and Vector analysis. Safety. Four semester hours.

ET 101 – Electron Theory. This course introduces rectification amplification, single generation, waveshaping and related circuitry involved in vacuum tube theory. Diodes, triodes, multi-element tubes, bias, classes of operation and power applications are treated in detail. Prerequisite: ET 100. Four semester hours.

ET 200 – Systems I. An introduction to system theory utilizing block assembly in the study of communication circuitry and systems. A-FM-SSB and TV requirements will be studied and correllated into appropriate and comparable block systems. Prerequisite: ET 100. Three semester hours.

ET 201 – Semiconductors I. This course is designed to provide a fundamental knowledge of semiconductor theory and application. Solid state diodes, transistors, and controlled rectifiers are covered. Prerequisite: ET 101. Three semester hours.

ET 202 – Industrial Instrumentation and Control. This course demonstrates recording, measuring, controlling and analyzing equipment used in automation and testing. It details strain guages, ultrasonics, and transducers used in

industry and provides a block diagram understanding of electrical/electronic quality control instruments. Prerequisite: ET 101. Three semester hours.

ET 210 – Semiconductors II. This course covers the application of semiconductor devices to amplifiers, oscillators, voltage regulators, logic and communication circuits and systems. Prerequisite: ET 201. Three semester hours.

ET 211 – Systems II. A continuation of ET 200. This course presents a survey of specialization systems used in marine, airborne and special land based applications along with FCC regulations governing operation and maintenance of such systems. Prerequisite: ET 200. Three semester hours.

ET 212 – UHF and Microwaves. A summary of technique differences encountered in UHF and microwaves. This course teaches generation, coaxial transmission lines, klystrons, maginetrons, measurements, directivity, and plumbing as related to UHF and microwaves. Prerequisite: ET 200. Three semester hours.

ET 213 – 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 circuitry are applied throughout the course. Three semester hours.

HOTEL, MOTEL & RESTAURANT OPERATION

(Jefferson Davis Campus - Two Year Terminal)

The curriculum is designed to help students meet high standards of achievement and acquire the specialized knowledge needed for their careers. Through an accelerated, comprehensive course, such knowledge can be acquired by men and women.

The program of hotel-motel-restaurant operation at Jefferson Davis Campus was established in the fall of 1966, in recognition of the demand for trained and educated employees for hotels, motels, and restaurants. At the present there are many positions open for every graduate of a formal program in the hospitality industries.

This curriculum leads to an Associate in Science Degree but is not designed for transfer credit to a senior college.

		SEMESTER HOURS	
FRESHMAN YEAR		**1 Sem.**	**2 Sem.**
BAD 1113	**Introduction to Business**	**3**	
ENG 1113, 1123	**English**	**3**	**3**
HMR 100	**Basic Food Preparation**	**4**	

HMR 105	Hotel, Motel, Front Office Procedures	3	
HMR 110	Orientation for the Hospitality Industry	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 & Sanitation		2
HPR	Physical Education	1	1

SOPHOMORE YEAR

BAD 2413	Business Law	3	
HMR 205	Profitable Food and Beverage Operation	3	
HMR 201	Profits through Promotion	3	
SEC 2523	Office Machines	3	
SEC 1113	Typewriting	3	
SEC 2613	Business Writing		3
HMR 200	Administrative Housekeeping		3
SPT 1113	Speech		3
	Electives		6
HPR	Physical Education	1	1

HMR 100 – Basic Food Preparation. Familiarization with tools and equipment, kitchen organization, study of recipes 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 quantity 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. 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 is given to use of equipment, personnel, operation reports, 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 operations, 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. 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 and 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. A seminar type course of lectures and discussions on opportunities, trends, problems and organizations in the hospitality field. Guest speakers from the industry 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, and maintenance. 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 such as Hotel Red Rook. Student projects. Three lectures each week. Three 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 206 – Internship in the Hospitality Industry. Internship is an approved hospitality agency under the supervision of the agency concerned and school instructor. Written report required of student and written evaluation of student made by agency furnishing training. Three semester hours.

INDUSTRIAL SAFETY AND FIRE SCIENCE
(Jackson County Campus)

This two year program is designed to prepare students to enter jobs in industrial safety, fire fighting and related fields.

In addition this program will assist the employed adult who is working in industrial safety or fire fighting and would like to become better qualified through a program of formal training.

This curriculum of instruction covers both theory and practical application in the fields of industrial safety and fire fighting and the related fields of technical

mathematics, technical communications, technical physics and other related subjects.

Fields of employment opportunities include: industrial safety inspectors, safety representatives, safety supervisors, firemen, fire insurance inspectors, industrial fire protection specialists, industrial accident inspection and prevention specialists, fire inspection bureau representatives, representatives of fire equipment manufacturers and suppliers, fire protection consultants.

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

			SEMESTER HOURS	
FIRST YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	208	Industrial Relations	3	
RT	110	Technical Mathematics	3	
PSC	1113	American Government	3	
ISF	100	Introduction to Industrial Safety and Fire Science	2	
ISF	101	Federal, State and Local Fire and Safety Laws	2	
RT	107	Technical Drawing		3
ET	100	Basic Electricity		4
ISF	110	Fire Fighting Tactics and Strategy I		3
ISF	111	Fire and Safety Protection Organization and Administration		2
ISF	112	Fire and Safety Hazard Prevention and Investigation		3
SECOND YEAR				
RT	202	Technical Communications	3	
RT	115, 116	Technical Physics	3	3
DR	206	Basic Architectural Drafting	5	
ISF	202	Fire Fighting Tactics and Strategy II	3	
ISF	203	General Insurance	2	
IT	223	Hydraulics and Pneumatics		3
RT	130	Properties of Materials		4
ISF	210	Industrial Safety and Fire Inspection Principles and Practices		3
ISF	211	Water Distribution, Sprinkler and Standpipe Systems		2

ISF 100 – Introduction to Industrial Safety and Fire Science. A survey of and introduction to incidents of fire; the principles of fire prevention, suppression and protection; a review of municipal and industrial fire and safety protection ratings, regulations and components; survey of professional fire and safety protection career opportunities. Two semester hours.

ISF 101 – Federal, State and Local Fire and Safety Laws. A study of the laws pertaining to the fireman and industrial safety representative, his duties, responsibilities and authority as governed by law. Two semester hours.

ISF 110 – Fire Fighting Tactics and Strategy I. A study of the basic concepts involved in fire fighting, including fire behavior, fire fighting fundamentals, principles of extinguishment, the proper role for and utilization of various fire companies, preplanning fire tactics. Two lecture hours and two laboratory periods per week. Three semester hours.

ISF 111 – Fire and Safety Protection Organization and Administration. Principles of organization and administration in fire and safety protection service; the structure and function of battalion and company as components of municipal organizations, duties and responsibilities of officers and supervisors, a study of personnel management and training, budgeting, records, reports and public relations. Two semester hours.

ISF 112 – Fire and Safety Hazards, Prevention and Investigation. Survey of the principles of fire and accident prevention and investigation; a study of fire and safety hazards in various occupations, a review of fire and safety prevention codes; a study of procedures and techniques of fire and safety inspection, to include surveying and mapping, recognition and elimination of fire and safety hazards, methods of determining the area of fire origin, fire cause, fire spread, location and preservation of evidence. Two lecture and two laboratory periods per week. Three semester hours.

ISF 202 – Fire Fighting Tactics and Strategy II. A study of the principles for maximum manpower and equipment utilization; fire ground administration starting with a small fire on up through major conflagrations; emphasis will be on developing thinking skills in relation to crises. Two lecture and two laboratory periods per week. Three semester hours.

ISF 203 – General Insurance. A fundamental course covering all fields of insurance. The philosophy and principles of insurance, contracts, endorsements, assignments, rate charging, reserves, state supervision. Fire and safety casualty insurance is emphasized, types of policies, selection, rate making, settlement of claims, handling of risk and self-insurances, types of rating schedules, and methods of determining fire rating classifications. Two semester hours.

ISF 210 – Industrial Safety and Fire Inspection Principles and Practices. A study of the fundamentals of fire and safety inspections, including standards, techniques of evaluation of hazards as to degree of hazard, and practical recom-

mendations. Reports including maps and sketches of each component inspected. On-the-site inspection of components to locate hazards and to recommend safe practices and improvements. One lecture and four laboratory periods per week. Three semester hours.

ISF 211 – Water Distribution, Sprinkler and Standpipe Systems. Measurements of fluid flow and methods of determining quantities of water available from a distribution system. Efficiency in fluid movement and system design. Types of sprinkler and standpipe systems, codes governing installation, water supply requirements, testing, inspection, and maintenance. One lecture and two laboratory periods per week. Two semester hours.

INDUSTRIAL TECHNOLOGY
(Jackson County Campus)

The industrial technology curriculum will develop individuals with the following:

–an ability to use physics and mathematics such as algebra and trigonometry as tools in the development of ideas that make use of scientific and technological principles.

–communications skills that include the ability to interpret, analyze and transmit ideas graphically, orally and in writing. Reading comprehension is stressed.

–an understanding of the materials used in manufacturing.

–an understanding of the principles of operation, function and application of the tools of industry with a degree of skill in the operation of each.

–an ability to interpret drawing requirements for manufacturing including the ability to write specifications for industrial operations from the raw materials to the finished product.

–an orientation to the shipbuilding industry.

Fields of employment opportunities include: technical writer, production supervisor (with experience), production planner, job planner, job estimator, industrial engineering assistant, production inspector, quality control technician, instructor (with experience).

This curriculum grants an Associate in Applied Science Degree and is preparatory for employment upon graduating from the Mississippi Gulf Coast Junior College. If a transfer to a senior college or university is desired, a conference should be scheduled with a junior college guidance counselor for advisement.

			SEMESTER HOURS	
FIRST YEAR			**1 Sem.**	**2 Sem.**
RT	**100, 101**	**Technical Communications**	**3**	**3**
RT	**110, 111**	**Technical Mathematics**	**3**	**3**

RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
IT	124	Manufacturing Processes	4	
RT	107	Technical Drawing		3
MT	126	Manufacturing Processes		4
		*Electives		
SECOND YEAR				
RT	202	Technical Communications	3	
QCT	201	Statistics and Quality Control	3	
ET	100	Basic Electricity	4	
IT	223	Hydraulics and Pneumatics	3	
MWT	101	Welding Processes		3
IT	227	Industrial Inspection Methods		3
IT	226	Process Planning and Production Problems		3
DR	213	Introduction to Steel Shipbuilding and Blueprint Reading		3
DR	211	Automated Drafting		3
		Electives*		

*Four semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: properties of materials; metallurgy; psychology; structural design and strength of materials; economics; government; introduction to business; introduction to computer programming; principles of management; typewriting.

IT 124 – **Manufacturing Process.** A course in production processes including the theory and application of sheetmetal and pipe fabrication principles and practices. Two lecture and four laboratory periods per week. Four semester hours.

IT 125 – **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, nickle, zinc, aluminum, magnesium, lead; corrosion of metals, concrete, ceramics; paints and other protective coatings; plastics. Three semester hours.

IT 223 – **Hydraulic and Pneumatics.** This course covers introduction to hydraulics, principles of hydraulics in physics; fluids and piping; hydraulic pumps; hydraulic motors; control valves and gaging; accessory equipment; hydraulic circuit system designs; hydraulic power unit; pneumatic controls; pneumatic circuit design system designs, air and hydraulic cylinders; combination systems application and advantages. Two lecture and two laboratory periods per week. Three semester hours.

IT 227 – **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. Three semester hours.

IT 226 – Process Planning and Production Problems. This course covers cost eliminating methods; estimating requirements; cost estimating elements; production activities; production control. Three 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.

			SEMESTER HOURS	
FRESHMAN YEAR			**1 Sem.**	**2 Sem.**
ENG	1113, 1123	English	3	3
PSC	1113	Government	3	
SEC	1113	Typewriting		
		or	3	
BAD	2413	Business Law		
EPY	1513	Psychology		3
SOC	2113	Sociology		3
LET	1313	Introduction to Law Enforcement and Criminal Justice	3	
LET	1323, 1333	Police Organization and Administration	3	3
LET	1343	Police and Community Relations		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
HIS	2213	American History		3
SPT	1113	Speech		
BAD	1313	Business Mathematics		
		or	3	
MAT	1233	College Algebra		
LET	2333	Criminal Investigation I	3	
LET	2413	Administration of Criminal Justice		3
LET	2333B	Criminal Investigation II		3
LET	2323	Criminal Law-Evidence	3	
		Electives**	3	6
HPR		Physical Education*	1	1

*Physical education requirements may be met by specialized courses in swimming, life saving, or first aid.

****Electives may be taken from any area recommended by the law enforcement instructor or appropriate college official and approved by the director of instruction.**

LET 1313 – Introduction to Law Enforcement and Criminal Justice. History, development, philosophy and constitutional aspects of law enforcement in a democratic society; introduction to and survey of the agencies and processes, purposes and functions, involved in the administration of criminal justice. Three semester hours.

LET 1323 – 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.

LET 1333 – 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.

LET 1343 – Police and Community Relations. Current issues on relationships between police and the community; emphasis upon the police officer's role and influence in community relations, tensions and conflict and the problem areas of racial minority groups and juveniles. Three semester hours.

LET 1353 – Internship in Law Enforcement. Internship in an approved law enforcement or correctional agency under supervision of the agency concerned and school instructor. Written report required of student and written evaluation of student made by agency furnishing training. Three semester hours.

LET 2333 – Criminal Investigation I. Principles involved in the investigation of crimes; crime scene searches and care of evidence; surveillance and undercover work; interrogation of victims, witnesses and suspects; obtaining confessions and written statements; and report writing. Three semester hours.

LET 2413 – 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.

LET 2333B – Criminal Investigation II. Use of scientific techniques in investigation; investigate problems in major crimes; arrests, apprehensions, and raids; fingerprinting, rules of evidence and testifying in court. Three semester hours.

LET 2323 – Criminal Law-Evidence. Criminal evidence for the law enforcement officer furnishing a practical insight into the rules of evidence; kinds of degrees; and considerations governing the admissability of evidence in court. Three semester hours.

LET 2513 – Law Enforcement and the Juvenile. The role of police in juvenile deliquency and control. The organization, functions and jurisdiction of juvenile agencies; the processing and detention of juveniles; juvenile care disposition and juvenile statutes and court procedures. Three semester hours.

LIVESTOCK MANAGEMENT

(Perkinston Campus - Two Year Terminal)

Livestock management is the study of the art and science of successful farm management. Emphasis is given to farm animals, particularly cattle and hogs, and other animals which can profitably be produced by modern methods.

The student, upon completion of this curriculum, is qualified to take livestock managerial positions or farm related managerial jobs in industry.

The curriculum leads to an Associate in Science Degree.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
BIO	1314	Botany		4
AGR	1214	Animal Science		4
AGR	113	Animal Management	3	
AGR	2253	Livestock Judging	3	
AGR	1313	Plant Science	3	
RT	110, 111	Technical Mathematics	3	3
PSC	1113	Government		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
AGR	2314	Soils	4	
AGR	2223	Feeds and Feedings		3
AGR	2233	Meat Processing		3
RT	209, 210	Plane Surveying	3	3
SPT	1113	Speech	3	
AGR	2713	Principles of Agriculture Economics	3	
AGR	1413	Farm Machinery		3
OH	210	Plant Propagation		3
RT	204	Foundations of Business	3	
HPR		Physical Education	1	1

AGR 1214 – Animal Science. Fundamental principles and practical application of livestock, dairy, and poultry science. Three hours lecture and two hours laboratory. Four semester hours.

AGR 1313 – Plant Science. Scientific principles as the basis for practice in producing, handling, processing, marketing, and utilizing agronomic and horticultural crops. Two hours lecture and two hours laboratory. Three semester hours.

AGR 1413 – Farm Machinery. A study of the selection, operation, adjustment, maintenance, and repair of the different types of farm machinery; including the use of both actylene and electric welding equipment. Two hours lecture and two hours laboratory. Three semester hours.

AGR 2223 – Feeds and Feedings. The general basic principles of feeding farm animals, feeding standards; composition and nutritive value of feeds; compilation and presentation of rations. Two hours lecture and two hours laboratory. Three semester hours.

AGR 2233 – Meat Processing. This course presents the fundamental knowledge and practical application of practices and techniques in the butchering and cleaning of meat animals; identification, grading and cutting of carcasses. Two hours lecture and three hours laboratory. Three semester hours.

AGR 2253 – Livestock Judging. Scoring of individuals and judging representative groups of livestock from the standpoint of breeder and the market. One hour lecture and four hours laboratory. Three semester hours.

AGR 2314 – Soils. 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: CHE 1215. Three lecture and two laboratory hours. Four semester hours.

AGR 2713 – Principles of Agriculture Economics. A general course on the basic principles of economics and their application to agriculture. Special emphasis will be placed on economic problems of agriculture. Three lecture periods per week. Three semester hours.

AGR 113 – Animal Management. This course is designed to cover the practical aspect of the care, maintenance, diseases, injury and reproduction of farm animals with special emphasis on swine, cattle, and horses. Also in this course are the basic information and techniques dealing with artifical insemination of farm animals. Two hours lecture and two hours laboratory per week. Three semester hours.

MARINE DRAFTING AND DESIGN TECHNOLOGY
(Jackson County Campus)

The marine drafting and design technology curriculum will develop students with the following:

–technical knowledge sufficient to make and translate sketches into working drawings in the fields of hull, machine, piping, sheetmetal and electrical/electronics work.

–an ability to read and understand specifications in the above named fields.

–a well rounded educational experience whereby students may develop their capabilities and interests to a degree of maximum value to themselves and to our society.

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

			SEMESTER HOURS	
			1 Sem.	2 Sem.
FIRST YEAR				
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
DR	110	Fundamentals of Drafting	5	
MT	126	Manufacturing Processes		4
DR	111	Machine Drafting		5
		*Electives		
SECOND YEAR				
RT	202	Technical Communications	3	
RT	113	Descriptive Geometry	3	
DR	208	Hull Drafting and Design	5	
DR	209	Technical Illustration	3	
DR	212	Structural Design and Strength of Materials		5
DR	211	Automated Drafting		3
DR	210	Marine Piping and Sheetmetal Drafting		3
DR	214	Electrical/Electronics Drafting		2
		Electives*		

*Four semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: principles of management; economics; government; introduction to business; typewriting.

MECHANICAL TECHNOLOGY
(Jackson County Campus)

Employment opportunities include: maintenance inspector, quality control technician, job estimator; technical writer, job planner, mechanical engineering

aid, machine designer, supervisor (with experience), tool and methods technician, maintenance record specialist, maintenance supply technician; machinist; installation technician.

This curriculum grants an Associate in Applied Science Degree and is preparatory for employment upon graduating from the Mississippi Gulf Coast Junior College. If a transfer to a senior college or university is desired, a conference should be scheduled with a junior college guidance counselor for advisement.

			SEMESTER HOURS	
FIRST YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
IT	124	Manufacturing Processes	4	
RT	107	Technical Drawing		3
MT	126	Manufacturing Processes		4
		*Elective		
SECOND YEAR				
RT	202	Technical Communications	3	
MT	222	Manufacturing Processes	4	
IT	223	Hydraulic and Pneumatics	3	
QCT	201	Statistics and Quality Control		
MWT	101	Welding Processes		3
IT	227	Industrial Inspection Methods		3
IT	226	Process Planning and Production Problems		3
DR	212	Structural Design and Strength of Materials		5
		Electives*		

*Five semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: psychology; principles of management; automated drafting; introduction to business; government; materials testing; introduction to computer programming; introduction to steel shipbuilding and blueprint reading; properties of materials; metallurgy; typewriting.

MT 126 – Manufacturing Processes. This course covers introduction to machine shop processes; simple measuring tools; metal forming operations; machining and cutting tools; turning lathes; drilling machines; planning, shaping, and slotting machines. Two lecture and four laboratory periods per week. Four semester hours.

MT 222 – Manufacturing Processes. This course covers broaching and sawing; grinding and finishing machines; turret and automatic lathes; automation and numerical control of machine tools; screw threads; gears and gearing; and special process machines; foundry equipment; patterns; sands; molds and cores; foundry practices; post casting processes. Two lecture and four laboratory periods per week. Four semester hours.

MEDICAL LABORATORY TECHNOLOGY

(Jackson County Campus - Two Years)

This program of nineteen months duration is offered in affiliation with Ocean Springs Hospital, Ocean Springs, Mississippi and the Veterans Administration Hospital, Biloxi, Mississippi. Students who successfully complete this program are prepared for employment in hospitals and medical laboratories as medical laboratory technicians.

The clinical laboratories at the Ocean Springs Hospital and the Veterans Administration Hospital, in which the students gain their clinical laboratory experience, are recognized as extended campuses of the college. The college is assisted and advised by a medical laboratory technology advisory committee composed of pathologist medical technicians, college administrators and instructors, and other interested parties.

Graduates of this program are eligible to take the registry examination with the council on medical education to become registered MT's.

The details of this, are subject to revision. Applicants will be screened on the basis of past educational performance and potential for the number of clinical openings available.

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

			SEMESTER HOURS	
			1 Sem.	2 Sem.
FRESHMAN YEAR				
RT	100, 101	Technical Communications	3	3
CHE	1215, 1225	Chemistry	5	5
BIO	1513, 1523	Anatomy and Physiology	3	3
RT	110	Technical Mathematics	3	
MLT	100, 101	Medical Laboratory-Orientation, Ethics and Terminology	2	2
BIO	2924	Microbiology		4
SUMMER				
MLT	200	Urinalysis and Parasitology	5	
***SOPHOMORE YEAR**				
RT	202	Technical Communications	3	
EPY	1513	Psychology	3	
SOC	2113	Sociology	3	
MLT	210	Medical Laboratory Mathematics	3	
		**Electives		
MLT	211	Medical Laboratory Instrumentation		2
MLT	220	Clinical Chemistry		3
MLT	221	Clinical Bacteriology and Mychology		3
MLT	222	Hemotology		5
MLT	223	Immunohemotology		3

***Sophomore level medical laboratory technology students will be divided into group one and group two. Their summer session and sophomore year will be arranged as follows: Group one – attends term one of the summer session; takes courses in semester two in the fall semester; takes courses in semester one in the spring semester. Group two – attends term two of the summer session; takes courses in semester one in the fall semester; takes courses in semester two in the spring semester.**

****Electives are not required for the Associate in Applied Science Degree. Suggested electives: typewriting, principles of management, economics, government, filing, literature.**

MLT 100-101 – Medical Laboratory-Orientation, Ethics and Terminology. General medical terms used in the hospital laboratory, covering all departments; general summary and laboratory introduction to diagnostic work; rules and ethics of conduct in a hospital laboratory. One lecture and two laboratory periods per week. Two semester hours each.

MLT 200 – Urinalysis and Parasitology. Study of the kidney and its functions, analysis of both normal and abnormal, chemical and miscroscopic elements in urine; a study of pathogenic parasites and their life cycles; demonstrations of ova and cysts. Five hours lecture per week for five weeks and 30 hours practical laboratory work experience per week for five weeks. Prerequisite: MLT 100, 101; BIO 1513, 1523, 2924; CHE 104, 105. Five semester hours.

MLT 210 – Medical Laboratory Mathematics. Mathematics used in all medical laboratory procedures. Normal, molar, and molal solutions; formulas and ratios. Prerequisite: RT 110. Three semester hours.

MLT 211 – Medical Laboratory Instrumentation. A study of instruments used in the clinical laboratory and their operation. Prerequisite: MLT 200. Two semester hours.

MLT 220 – Clinical Chemistry. The study and determination of various biochemical constituents of blood, urine, and body fluids. Diagnostic procedures for aiding in diagnosis of disease processes. Five hours lecture per week for four weeks. Thirty hours clinical laboratory experience per week for four weeks. Four semester hours.

MLT 221 – Clinical Bacteriology and Mycology. Techniques and theory for the cultivation and identification of pathogenic bacteria and fungi. Five lecture hours per week for four weeks. Thirty hours clinical laboratory experience per week for four weeks. Prerequisite: MLT 200. Four semester hours.

MLT 222 – Hematology. A study of the blood and blood forming tissues, morpology of cells, blood counts, coagulation, hemotylic, abnormalities and test for their diagnosis. Five hours lecture per week for six weeks. Thirty hours clinical laboratory experience per week for six weeks. Six semester hours.

MLT 223 – Immuhematology. A study of antibody formation and their reaction against specific antigens; serology and blood banking procedures are covered. Five hours lecture per week for four weeks. Thirty hours clinical laboratory experience per week for four weeks. Prerequisite: MLT 200. Four semester hours.

METALLURGICAL AND WELDING TECHNOLOGY
(Jackson County Campus)

Employment opportunities include: metallurgical laboratory technician; failure analysis test work; corrosion control; heat treating; metallurgical process development; assistant to metallurgical engineer; specifications writer; supervisor (with experience); welding material evaluator; welding process developer; welding inspector; instructor (with experience); electrode control technician; technical writer; welder.

This curriculum grants an Associate in Applied Science Degree and is preparatory for employment upon graduating from the Mississippi Gulf Coast Junior College. If a transfer to a senior college or university is desired, a conference should be scheduled with a junior college guidance counselor for advisement.

			SEMESTER HOURS	
FIRST YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
RT	130	Properties of Materials	4	
RT	107	Technical Drawing		3
MWT	101	Welding Processes		3
		*Electives		
SECOND YEAR				
RT	202	Technical Communications	3	
MWT	201	Metallurgy	3	
MWT	203	Welding Design	2	
MWT	202	Materials Testing	3	
MWT	200, 210	Welding Processes	3	3
DR	212	Structural Design and Strength of Materials		5
MWT	211	Welding Metallurgy		5
MWT	212	Metallurgical Processes		2
		*Electives		

***Four semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: principles of management; introduction to steel shipbuilding and blueprint reading; typewriting; psychology; introduction to business; government; industrial inspection methods; statistics and quality control; economics.**

MWT 101 – Welding Processes. This course covers the techniques involved in oxygen and acetylene cutting of metal, ox-acetylene welding techniques, shielded metal arc welding, and hard surfacing techniques. One lecture and four laboratory hours per week. Three semester hours.

MWT 200 – Welding Processes. This course covers all techniques in the use of various equipment to employ; gas metal arc welding, short arc welding, flux core welding procedures, spray arc welding, gas tungsten arc welding, sub-

merged arc welding, electro slag welding and resistance welding techniques. One lecture and four laboratory hours per week. Three semester hours.

MWT 201 – 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.

MWT 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 quality control. Three semester hours.

MWT 203 – Welding Design. Elements of design for welding, calculation of stresses, welding techniques, processes, specifications. Two semester hours.

MWT 210 – Welding Processes. This course is a combined study of all welding techniques as applied to all type ferrous alloys and non-ferrous metals. In addition the techniques involved in plasma arc, electro beam, laser and ultrasonic welding are covered. One lecture and four laboratory hours per week. Three semester hours.

MWT 211 – Welding Metallurgy. Welding methods and processes, temperature changes, weld metal structures, weld properties, fluxes, slag, shielding gases, techniques. Five semester hours.

MWT 212 – Metallurgical Processes. 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. Two semester hours.

ORNAMENTAL HORTICULTURE

(Perkinston Campus)

Ornamental horticulture is the art and science of producing, processing, distributing, maintaining, and using ornamental plants. It includes landscaping which is the art and science of selecting, arranging, planting, and caring for plant materials in the proper manner in order to enrich outdoor space for enjoyable use. Training in this field will enable the graduate to find employment in 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 in Science Degree upon completion of the course.

			SEMESTER HOURS	
FRESHMAN YEAR			**1 Sem.**	**2 Sem.**
ENG	1113, 1123	English	3	3
BIO	1314	Botany		4
AGR	1313	Plant Science	3	
RT	110, 111	Technical Math	3	3
OH	112, 113	Plant Materials I, II	4	4
GRA	1112	Engineering Drawing		2
PSC	1113	Government	3	
HPR		Physical Education	1	1
SOPHOMORE YEAR				
SPT	1113	Speech	3	
AGR	2314	Soils	4	
RT	204	Foundations of Business	3	
OH	210	Plant Propagation		3
OH	214, 215	Greenhouse and Nursery Management	3	3
OH	212, 213	Landscape Development	3	3
OH	211	Turfgrass Management		4
RT	209	Plane Surveying		3
HPR		Physical Education	1	1

OH 112 – Plant Materials I. This course is designed to provide the student with a practical knowledge of plant identifications, landscape use and care of the important ornamental shrubs, trees, vines, flowers, and grasses adapted to southern conditions. One hour lecture and six hours laboratory per week. Four semester hours.

OH 113 – Plant Materials II. A continuation of OH 112. One hour lecture and six hours laboratory per week. 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 per week. Three 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 are included in this course. One hour lecture and six hours laboratory per week. 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 out-

door space around the house and public places. Pest control and general maintenance of plants. One hour lecture and four hours laboratory per week. 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 per week. 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 per week. Three semester hours.

OH 215 – Greenhouse and Nursery Management II. A continuation of OH 214. One hour lecture and four hours laboratory per week. Three semester hours.

QUALITY CONTROL TECHNOLOGY – FABRICATION INDUSTRIES
(Jackson County Campus)

Employment opportunities include: quality control technician, production inspector; test report writer; statistics test recorder; inspection supervisor (with experience); quality auditing; quality test technician; technical writer; instructor (with experience).

This curriculum grants an Associate in Applied Science Degree and is preparatory for employment upon graduating from the Mississippi Gulf Coast Junior College. If a transfer to a senior college or university is desired, a conference should be scheduled with a junior college guidance counselor for advisement.

			SEMESTER HOURS	
FIRST YEAR			**1 Sem.**	**2 Sem.**
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
IT	124	Manufacturing Processes	4	
RT	104	Technical Drawing		3
MWT	126	Manufacturing Processes		4
		*Electives		
SECOND YEAR				
RT	202	Technical Communications	3	
QCT	201, 202	Statistics and Quality Control	3	3
RT	130	Properties of Materials	4	

IT	223	Hydraulics and Pneumatics	3	
MWT	101	Welding Processes		3
IT	227	Industrial Inspection Methods		3
DR	212	Structural Design and Strength of Materials		3
		Electives*		

*Five semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: typewriting; basic electricity; introduction to business; metallurgy; introduction to computer programming; economics; principles of management; psychology; introduction to steel shipbuilding and blueprint.

QCT 101 – Manufacturing Operations in the Process Industry. Introduction to manufacturing principles such as heat transfer, evaporation, absorption, filtration, sedimentation, distillation, drying, flow of fluids, etc. Three semester hours.

QCT 201 – 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.

QCT 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 and reliability. Economic consideration of quality decisions. Three semester hours.

QCT 203 – Quantitative and Instrumental Analysis. Fundamental techniques and principles of quantitative methods in inorganic chemistry; titrimetric, colorimetric, and gravimetric. Second half devoted to a study of capabilities and principles of instrumentation used in industrial quality control laboratories. Two lecture and two laboratory periods per week. Three semester hours.

QUALITY CONTROL TECHNOLOGY – PROCESS INDUSTRIES

(Jackson County Campus)

Employment opportunities include: process operator; laboratory technician; assistant to chemical engineer; quality control inspector; production planner; instructor (with experience); production tester; quality control technician; production supervisor (with experience); inventory control supervisor; quality control supervisor (with experience); technical writer; chemical engineering aid.

This curriculum grants an Associate in Applied Science Degree and is preparatory for employment upon graduating from the Mississippi Gulf Coast Junior

College. If a transfer to a senior college or university is desired, a conference should be scheduled with a junior college counselor for advisement.

			SEMESTER HOURS 1 Sem.	2 Sem.
FIRST YEAR				
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	115, 116	Technical Physics	3	3
RT	104	Occupational Essentials	3	
RT	130, 132	Properties of Materials	4	4
QCT	101	Manufacturing Operations in Process Industry		3
		*Electives		
SECOND YEAR				
RT	202	Technical Communications	3	
ET	100	Basic Electricity	4	
RT	230, 231	Properties of Materials	4	4
QCT	201, 202	Statistics and Quality Control	3	3
QCT	203	Quantitative and Instrumental Analysis		3
CPT	100	Introduction to Computer Programming		4
		Electives*		

*Four semester hours of electives are required for the Associate in Applied Science Degree. Suggested electives: introduction to business; economics; industrial instrumentation and control; psychology; principles of management; typewriting; government; technical drawing.

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 have 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 provides 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.

Graduates of this program qualify for the third class FCC license with broadcast endorsement, and receive an Associate in Arts Degree.

			SEMESTER HOURS 1 Sem.	2 Sem.
FRESHMAN YEAR				
RS	100	Introduction to Broadcasting	3	
RS	101, 200	Announcing I, II	4	4

ENG	1113	English	3	
SPT	1113 or 2143	Speech or Oral Interpretation	3	
SEC	1113	Typewriting*	3	
RS	102	Radio Programming		3
RS	104	Radio Writing		2
DMT	107	Advertising	3	
PSC	1113	Government		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
RS	203	Announcing	3	
RS	201	Radio Production	2	
RS	202	Radio News	3	
BAD	1113	Business	3	
DMT	100	Salesmanship		3
RS	204	Radio Sales		3
RS	205	Radio Station Management		3
BAD	1313	Business Mathematics		3
MUS	1113	Music Appreciation		3
GEO	1123	Geography		3
HPR		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 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 of 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: diction, pronunciation and reading. To familiarize the student completely with equipment at a radio station. Lab hours at students convenience will be required. Four semester hours.

RS 102 – Programming. To provide the student with a working knowledge of the programming and traffic department at 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 student's imagination in the writing and production of commercials, designed to add color and showmanship to a station's 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 pronunciation may take place. Concentration is 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 takes 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.

SECRETARIAL SCIENCE

Students who are majoring in secretarial science may select from the following programs; two regular semesters or four regular semesters.

Students completing the two semester program are awarded the Mississippi Gulf Coast Junior College Certificate of Completion. Those students completing the four semester program are awarded an Associate in Applied Science Degree.

(Nine Month Terminal)

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
SEC	1213, 1223	Shorthand	3	3
SEC	1113 or 1123, 1123 or 2113	Typewriting	3	3
BAD	1313	Business Mathematics	3	
SEC	2523	Office Machines	3	
SEC	1312	Filing	2	
SEC	2413	Secretarial Procedures		3
SEC	2512	Office Appliances		2
SEC	2613	Business Communications		3
HPR		Physical Education	1	1

(Two Year Terminal)

			SEMESTER HOURS		
FRESHMAN YEAR			1 Sem.		2 Sem.
ENG	1113, 1123	English	3		3
SEC	1213, 1223	Shorthand	3		3
SEC	1113 or 1123, 1123 or 2113	Typewriting	3		3
BAD	1313	Business Mathematics	3		
PSC	1113	Government	3		
SEC	2523	Office Machines			3
BAD	1113	Introduction to Business			3
EDP	1111	Keypunch	1	or	1
HPR		Physical Education	1		1
SOPHOMORE YEAR					
ACC	1213, 1223	Accounting	3		3
SEC	2113	Typewriting			
		or			
ECO	2113	Economics			
SEC	2213, 2223	Shorthand	3		3
BAD	2413	Business Law	3		
SEC	2613	Business Communications	3		
SEC	2123	Typewriting			3
SEC	2413	Secretarial Procedures			3
SEC	1312	Filing	2		
SEC	2512	Office Appliances			2
HPR		Physical Education	1		1

GENERAL BUSINESS AND ACCOUNTING

Students interested in becoming prepared for positions as junior accountants, managers, and supervisors of offices and in departments may elect to major in this four semester program.

This curriculum grants an Associate in Applied Science Degree.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
ENG	1113, 1123	English	3	3
BAD	1313	Business Mathematics	3	
ACC	1213, 1223	Accounting	4	4
SEC	1113 or 1123	Typewriting	3	
BAD	2213	Marketing*	3	
PSC	1113	Government		3
SEC	2613	Business Communications		3
BAD	2513	Principles of Management*		3
HPR		Physical Education	1	1
SOPHOMORE YEAR				
SPT	1113	Speech		3
BAD	1113	Introduction to Business	3	
BAD	2413, 2423	Business Law*	3	3
ECO	2113, 2123	Economics	3	3
ACC	2313	Cost Accounting*	3	
EPY	1513	Psychology		
		or		3
SOC	2113	Sociology		
BAD	2613	Principles of Finance*	3	
SEC	2523	Office Machines		3
HPR		Physical Education	1	1

***These courses are scheduled on alternate years and should be taken by both freshmen and sophomores when offered. Cost accounting is a required course rather than an elective. Substitution may be made by department chairman.**

SEC 1113T – Elementary Typewriting. A course designed for beginners in typewriting. Credit will not be given a student whose high school transcript shows one unit in business typewriting except through permission from the instructor. Three semester hours.

SEC 1123T – 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. *Prerequisite:* elementary typewriting or equivalent competency. Three semester hours.

SEC 1213T-1223T – Elementary and Intermediate Shorthand I, II. These courses include a study of Gregg Shorthand, Diamond Jubilee Series, including theory, phrasing brief forms, transcripts, letter placement, and dictation of articles and letters. Elementary and intermediate shorthand are divided into groups: (A) for those students having no previous shorthand in high school for one year or more, and (B) for those students having no previous shorthand, or less than one year of shorthand in high school. Three semester hours.

SEC 1312T – 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.

SEC 2113T – 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: intermediate typewriting. Three semester hours.

SEC 2123T – Production Typewriting. This course includes a review of techniques in skill building with development of speed and accuracy in typewriting a variety of office forms, and emphasis on shortcuts in production typewriting. Prerequisite: advanced typewriting. Three semester hours.

SEC 2213T-2223T – Advanced Shorthand III, IV. These courses offer 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.

SEC 2263T – 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.

SEC 2413T – 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. Prerequisite: typewriting. Three semester hours.

SEC 2523T – 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.

SEC 2613T – Business Communications. 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.

SEC 2512T – Office Appliances. This course provides instruction and practice in the operation of office appliances, including spirit, stencil, and offset duplicators, transcribing machines, proportional-spacing typewriters, mimeoscopes, and copying machines. Prerequisite: typewriting. Three semester hours.

ACC 1213T-1223T – Principles of Accounting. These courses are 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 for ACC 1213. Prerequisite for 1223 is ACC 1213. Four semester hours each.

ACC 2313T – Cost Accounting. This course is a study of the application of accounting principles to job order, process cost, and standard cost systems. Prerequisite: ACC 1213-1223. Three semester hours.

BAD 1113T – 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.

BAD 1313T – Business Mathematics. 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.

BAD 1323T – Mathematics of Finance. This course emphasizes the mathematical practices used in business transactions. Prerequisite: any one of the following: MAT 1233 or 1313 or two years of high school algebra. Three semester hours.

BAD 2213T – Marketing. 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 2323T – Business Statistics. 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.

BAD 2413T – 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.

BAD 2423T – Business Law. This course is a continuation of BAD 2413 and 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.

BAD 2513T – 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 2613T – 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.

SUPERVISION AND MANAGEMENT
(Jackson County Campus)

This program is designed primarily for the employed adult who is working in or aspiring to become qualified for a management or supervisory position in business, industry or governmental units.

Learning activities and experiences will include a study of various management principles and practices such as: industrial relations; business law; accounting; financial mathematics; technical report writing; business policies; organizational structure; budgets and other pertinent and supportive courses and topics.

This curriculum grants an Associate in Applied Science Degree upon graduating from the Mississippi Gulf Coast Junior College. If a transfer to a senior college or university is desired, a conference should be scheduled with a junior college guidance counselor for advisement.

			SEMESTER HOURS	
FIRST YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110	Technical Mathematics	3	
BAD	1113T	Introduction to Business	3	
IT	226	Process Planning and Production Problems	3	
ACC	1213T, 1223T	Principles of Accounting	3	3
EPY	1513	General Psychology		3
BAD	2513T	Principles of Management		3
BAD	1323T	Mathematics of Finance		3

SECOND YEAR				
RT	202	Technical Communications	3	
RT	208	Industrial Relations	3	
BAD	2413T, 2423T	Business Law	3	3
ECO	2113T, 2423T	Principles of Economics	3	3
RT	107	Technical Drawing	3	
BAD	2213T	Marketing	3	
CT	203	Principles of Cost Accounting		3
BAD	2613T	Principles of Finance		3
RT	213	Supervisory Training Techniques		3

X-RAY TECHNOLOGY

(Jackson County Campus)

This program of thirty months duration is offered in affiliation with Singing River Hospital, Pascagoula, Mississippi. 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 of the college. The college is assisted and advised by an advisory committee composed by radiologists, x-ray technicians, and other interested individuals.

Graduates of this program are eligible to take the registry examination with the Council on Medical Education to become registered x-ray technicians.

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 for an additional 6 months of practical work.

The details of this program are subject to revision. Applicants are screened on the basis of past educational performance and potential for the number of clinical openings available.

This curriculum grants an Associate in Applied Science Degree and is not specifically designed for transfer to a senior college. If a transfer is planned, senior college and university catalogs should be checked for validation.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 110	Technical Communications	3	3
BIO	1513, 1523	Anatomy and Physiology	3	3
EPY	1513	Psychology	3	

XT	100	Formulating X-Ray Techniques	4	
RT	110	Technical Mathematics	3	
SEC	1113	Typewriting*		3
XT	101	Radiation Therapy		3
XT	102	Fundamentals of X-Ray and Radium Physics		4
SUMMER				
SOC	2113	Sociology	3	
EPY	2513	Child Psychology	3	
XT	200	Nuclear Medicine	3	
XT	202	Nursing Procedure Pertaining to Radiology	3	
SOPHOMORE YEAR				
RT	115, 116	Technical Physics	3	3
RT	202	Technical Communications	2	
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 Radiography Procedure with Contrast Media		6
XT	222	Special Radiography Procedures		6
SUMMER				
XT	230	Pediatric Radiography	6	
XT	231	Film Critique	6	

*Students who have had high school typewriting will take either SEC 2413 or ECO 2113.

XT 100 – 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 – 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 102 – 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 is 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 are taught. Four semester hours.

XT 200 – 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, asepic techniques, tray set-up, artifical respiration, anesthesia, operating room

and bedside radiography. Two lecture and two laboratory hours per week. Three semester hours.

XT 210 – Introduction to the Study of Diseases. This course familiarizes the student with causes of diseases, precautions that should be taken in the handling of sick patients. The students 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 – 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 221 – Common Radiographic Procedures with Contact Media. Using contrast material, characteristics, and chemistry of different contrast materials, reaction to media, preparation and administration, proper radiographic projections, anatomy and physiology of organs studied. One and one half hour lecture and nine laboratory hours per week. Six semester hours.

XT 222 – 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 – 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 – Film Critique. This course deals with the evaluation of the student's finished product, the exposed film. The student is taught what is expected and then criticized by film evaluation. Contrast density, gamma and other qualities are taught. Six semester hours.

RELATED TECHNICAL COURSES

RT 100 – Technical Communications. 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 Communications. Stresses fundamentals of oral and written communications. The broad subject matter of this course covers speech and technical correspondence. The student is instructed in the preparation and delivery of various types of speeches including parliamentary procedures. Technical correspondence covers such matters as business letters, memoranda, reports, work instructions and procedures. Three semester hours.

RT 202 – Technical Communications. An advanced course in oral and written communications. The communications instructor will coordinate with technical speciality instructors on oral and written student assignments in their specific technology. Three semester hours.

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 is 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 freehand 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. 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 Theorem; logarithms exponential functions rate of growth; quadratic equations in one unknown; simultaneous

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, identifies, and equations, graphs of the trigonometric functions. Complex numbers and positions vectors. Three semester hours.

RT 212 – Technical Mathematics. This course covers: graphical methods of calculus; differentation; and integration. 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 130 – Properties of Materials. This course emphasizes fundamental concepts of material structure such as atomic theory orbitals, chemical bonding, atom structures, determining atomic weight, properties of materials, and basic laboratory procedures in evaluating chemical characteristics. Two lecture and four laboratory hours per week. Four semester hours.

RT 132 – Properties of Materials. This is a continuation of the procedures of RT 130 with heavy emphasis on structure engineering materials such as metals, concretes, bonding agents, and coating. Comprehensive coverage of carbon chemistry and oxidization chemistry are important elements. Two lecture and four laboratory hours per week. Four semester hours.

RT 230 – Properties of Materials. This is an introductory course to organic chemistry. Heavy emphasis is placed on hydrocarbons and aliphatic compounds and their derivatives. Two lecture and four laboratory periods per week. Four semester hours.

RT 321 – Properties of Materials. This is a continuation of RT 230. In depth study of aromatic compounds and their derivatives is carried out. Two lecture and four laboratory periods per week. Four 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 104 – Occupational Essentials. Acquaints students with the history and philosophy of vocational-technical education and occupational materials. Familiarizes students with employment testing, resume writing and interview procedures. Helps students attain skills and attitudes in finding and maintaining a job. Three semester hours.

RT 203 – Supervisory Training Techniques. This includes a study of the supervisor's responsibility for developing employees through orientation and induction training and on-the-job training; job instruction; craft training; technical training; supervisory training and management development; cooperating with outside agencies; advisory committees. Three semester hours.

RT 209-210 – Plane Surveying. A study is made of the theory and practice of surveying, including the use and care of instruments, land descriptions, and calculations, and the use of aerial photographs. Two lecture and two laboratory periods per week. Three semester hours.

RT 211 – Metal Processing. A study is made of the various methods by which metal can be shaped, formed, and changed. Emphasis is placed on the study of design and strength of metals. Practice will include work on metal lathes, drill presses, strength testing equipment, forging, and welding. One lecture and four laboratory periods per week. Three semester hours.

GROUP VIII VOCATIONAL

AUTOMOTIVE MECHANICS
(Jackson County Campus and Perkinston Campus)

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.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Automotive Engine	278
II.	Fuel System	80
III.	Electrical System	100
IV.	Cooling System	20
V.	Power Train	130
VI.	Suspension System	120
VII.	Steering System	50
VIII.	Braking System	50
IX.	Heating and Air Conditioning	30
X.	Welding, Cutting and Brazing	78
XI.	Trade Mathematics	90
XII.	Applied Science	54
	Total Clock Hours Credit	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 CREDIT
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

II.	Related Information	135
	A. Sketching and Layout	45
	B. Print Reading	45
	C. Trade Mathematics	45
	Total Hours	1080

DENTAL ASSISTING
(Jefferson Davis Campus)

The dental assisting program is designed to provide the student with a general knowledge of the dental profession and the training and leadership necessary to prepare the student to perform efficiently the basic dental assisting skills. The program will offer both theory and clinical experiences. Upon successful completion of this 12-month course, the student will be eligible to take the certification examination for dental assistants.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Introduction to Dental Assisting	38
II.	Business English	52
III.	Typing	36
IV.	Dental Office Procedures	38
V.	Anatomy-Physiology	50
VI.	Oral Embryology, Histology	17
VII.	Nutrition	20
VIII.	Tooth Morphology	16
IX.	Oral Pathology	15
X.	Dental Pharmacology	15
XI.	Oral and Personal Hygiene	11
XII.	Psychology Related to the Dental Field	26
XIII.	Vocabulary and Dental Terminology	15
XIV.	Microbiology and Sterilization	17
XV.	Materials in Dentistry	160
XVI.	Dental Radiography	124
XVII.	Dental Health Education	54
XVIII.	Chairside Assisting Procedures	232
XIX.	Dental Laboratory Procedures	104
XX.	Supervised Practice Experience	316
XXI.	Oral Communication	52
	Total Clock Hours Credit	1408

INDUSTRIAL ELECTRICITY
(Jackson County Campus)

The electrical program of two semesters duration is preparatory for job entry or may be of interest to the electrician who desires increased competence in the

electrical field. This training encompasses such areas as: electrical theory, measurements, recognition and ability to accomplish simple design and the technical know how to use tools of the trade in order to convert electrical drawings to finished jobs.

The Mississippi Gulf Coast Junior College Certificate of Completion is granted to those who successfully complete this program.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Electrical Theory	120
II.	Electrical Mathematics	60
III.	Safety	40
IV.	Measurements and Devices	40
V.	Electrical Material	100
VI.	Electrical Equipment	150
VII.	Electrical Tools	100
VIII.	Electrical Blueprint Reading and Sketching	80
IX.	Electrical Networks	150
X.	Electrical Systems	240
	Total Clock Hours Credit	1080

INDUSTRIAL ELECTRICITY/ELECTRONICS

(Jefferson Davis Campus - Nine Months Course)

The overall objective is to prepare the student to become fully employed in the diversified electrical trades. Major emphasis is placed upon the theory of electrical calculations during the first semester to provide a firm foundation of the varied aspects of residential, commercial and industrial wiring techniques and practices. A detailed study of the National Electrical Code during the second semester enables the student to perform all job tasks within minimum standard specifications, thereby providing safety and neatness in various wiring methods.

Classroom instruction and practical shop experiences enhance the student's ability to actually complete electrical wiring projects using a hands-on approach.

Related instruction in electrical mathematics and blueprint reading broadens the student's concept in this vastly expanding field.

Upon graduation, the student receives a Certificate of Completion from the Mississippi State Department of Vocational-Technical Education. He will be an asset to any employer and the community by virtue of his electrical knowledge and practical abilities.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Concepts of Direct Current	135
II.	Magnetic Principles	30
III.	Concepts of Alternating Current	270
IV.	Motor and Generator Principles	105

V.	Analysis of the National Electricity Code	150
VI.	Residential Wiring Techniques	300
VII.	Commercial Wiring Techniques	60
VIII.	Industrial Wiring Techniques	30
	Total Clock Hours Credit	1080

MACHINE SHOP
(Jackson County Campus)

The machinist training is preparatory for job entry or may be used to supplement the knowledge and skills of the employed machinist who desires increased competency in his occupational field. 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 lathe, shapers, milling machines, drill presses, grinders and planers.

The Mississippi Gulf Coast Junior College Certificate of Completion is awarded to those who successfully complete this two semester program.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Bench Work	50
II.	Power Saws	40
III.	Engine Lathe	389
IV.	Drilling Machine	10
V.	Shaper	24
VI.	Milling Machine	180
VII.	Grinding Machines	100
VIII.	Welding	100
IX.	Drawing Interpretation, Sketching and Layout	43
X.	Trade Mathematics	90
XI.	Applied Science	54
	Total Clock Hours Credit	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 two years.

The goal of this course is to provide a well rounded education in maintenance 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 precede 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.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
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 Credit	1080

PIPEFITTING/PLUMBING

(Jackson County Campus and George County Occupational Training Center)

The pipefitting/plumbing program of two semesters duration is designed to prepare the student for job entry or to supplement the education and training of the employed pipefitter or plumber who desires increased competence in his occupational field.

Pipefitting is for the person who likes to work with applied mathematics and blueprint reading in application to pipefitting construction. An opportunity for a high paying and rewarding career awaits the trained pipefitter.

The Mississippi Gulf Coast Junior College Certificate of Completion is awarded for successful completion of this program.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Pipe Fabrication	289
II.	Pipe Metal Joining	150
III.	Piping System Metallurgy	100
IV.	Non-Destructive Testing	92
V.	Pipe Drawing and Blueprint Reading	200
VI.	Pipefitting Chemistry and Physics	21
VII.	Pipe Fabrication, Applied Mathematics and Precision Measurements	90
VIII.	Factors in Selecting Piping Materials	21
IX.	Ship Construction	76
X.	Production and Quality Control System	21
XI.	Industrial Safety	20
	Total Clock Hours Credit	1080

PIPE WELDING OPTION

(Jackson County Campus)

Students who desire additional knowledge and skill in the field of pipefitting and pipe fabrication should enroll for an additional period of education and training in welding and burning. The course in welding and burning includes all the latest and most up-to-date methods of pipewelding. For more details regarding the welding and burning program, see welding in this catalog.

PLUMBING
(Jefferson Davis Campus)

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, and the use of audio-visuals, which immediately precedes application by the trainee: 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.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Orientation	
II.	Shop-Job Safety	
III.	Sewage, Drainage, Venting	175
IV.	Water Supply Systems	150
V.	Gas Supply Systems	150
VI.	Fixtures, Valves, Miscellaneous Equipment	175
VII.	Pipe Fitting, Welded, Flanged Screw	225
VIII.	Repairs, Minor and Major	125
IX.	Course Consolidation	80
	Total Clock Hours Credit	1080

LETTERPRESS PRINTING
(Perkinston Campus - 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 is 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.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Linecasting Machines	300
II.	Strip Material Machine	25
III.	Automatic and Hand-Fed	150
IV.	Lock-up and Imposition	150
V.	Setting and Distribution of Type	75

VI.	Handling of Type Forms	20
VII.	Proofing and Correcting	15
VIII.	System of Measurement	10
IX.	Proof Marking	20
X.	Ink and Paper	10
XI.	Rules, Borders, and Ornaments	10
XII.	Tabular Forms	75
XIII.	Layout and Specifications	75
XIV.	Care and Maintenance	150
	Total Clock Hours Credit	1080

OFFSET PRINTING

(Perkinston Campus - 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		CLOCK HOURS CREDIT
I.	Orientation	10
	A. Class Organization and Procedure	
	B. Introduction of Shop Facilities	
	C. Nature of work to be covered in class	
	D. Opportunities of Employment in Graphic Arts Field	
	E. History and Background of Printing	
II.	The Varityper and Photo-typositor	60
	A. Headliner (Photo-typositor)	
	B. Varityper	
III.	Basic Camera	78
	A. Mechanics of Photo-Lithographic Camera Operations	
	B. Fundamentals of Half-Tone Photography	
	C. Lithographic Negative Stripping	
	D. Plate Making	
IV.	Lithography	96
	A. Lithographic Principles	
	B. Printing Application of Offset Lithography	
	C. Information of the use of Ink	
V.	Bindery	96
	A. Cutting	
	B. Folding	
	C. Drilling (Punching)	
	D. Assembly	
	E. Fastening	
VI.	Class Problems	740
	Total Clock Hours Credit	1080

PRACTICAL NURSING

(Jefferson Davis Campus, Jackson County Campus, and George County Occupational Training Center)

This program is designed to prepare students to become Licensed Practical Nurses. Classes are enrolled twice yearly in this 52-week program. Students spend the first few weeks in classroom and laboratory work, gradually progressing to hospital learning experiences 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 service.

MAJOR UNITS OF INSTRUCTION

Nursing I

- Orientation
- Health: Individual, Family, Community
- Normal Nutrition
- Normal Body Structure and Function
- Human Development
- Introduction to Nursing the Patient
- Introduction to Illness
- Pharmacology

Nursing II

- Vocational Relationships
- Medical-Surgical Nursing: Meeting Nursing Needs
- Children
- Adults
- Aged and Chronically Ill
- Mothers and Newborns: Meeting Nursing Needs

Nursing III

- Special Areas, including Intensive Care, Recovery Room, and Psychiatric Nursing

AIR CONDITIONING

(Jefferson Davis Campus and George County Occupational Training Center)

This course of study is designed to satisfy the immediate and fundamental needs of the beginner in the field of air conditioning. After completion of the course, the student should be capable of making a real and immediate contribution during his initial stages of apprenticeship in this field.

This course should not be attempted before satisfactory completion of the basic refrigeration course. (Prerequisite: basic refrigeration)

MAJOR UNITS OF INSTRUCTION	CLOCK HOURS CREDIT
First Semester and Second Semester	
I. Introduction to Air Conditioning	80
A. Introduction to Air Conditioning	

	B. Body Comfort	
	C. Air Cycle	
	D. Refrigeration	
II.	Psychrometrics	125
	A. Psychrometrics and the Psychrometric Chart	
	B. Application of Psychrometric Terms	
	C. Psychrometrics Processes	
	D. Advanced Psychrometric Processes	
III.	Principles of Load Estimating	95
	A. Sources of Heat	
	B. Slide Rule Fundamentals	
	C. Cooling and Heating Load Estimating Guides	
	D. Estimating the Air Conditioning Load	
IV.	Air Distribution	240
	A. Blueprint Reading	
	B. Air Distribution – Ducts	
	C. Air Distribution – Outlets	
	D. Duct Sizing	
V.	Applied Load Estimating	150
	A. Residential Air Conditioning	
	B. Commercial Air Conditioning, Load Estimating, and Duct Design	
VI.	Residential and Commercial Equipment	200
	A. Air Conditioning Equipment	
	B. Installing Residential and small Commercial Equipment	
	C. Installing a Water Cooled, Self-Contained Unit	
	D. Installing an Air Cooled, Self-Contained Unit	
	E. Cooling Tower Installation and Water Treatment	
VII.	Air Conditioning Controls	100
VIII.	Balancing the Air Conditioning System	90
	Total Clock Hours Credit	1080

REFRIGERATION

(Jefferson Davis Campus and George County Occupational Training Center)

This curriculum is designed to give the fundamentals of 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 refrigeration installation, service, and repair. The study of related basic theory and scientific principles is coupled with practical application and experience in varied laboratory experiences. This program is nine months in length—students attend class five hours per day, five days per week.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
First Semester		
I.	Introduction to Refrigeration	90
	A. Refrigeration Systems, Cycles, and Classification	
	B. Heat Flow	
II.	Tools and Equipment	80

III.	Heat and Temperature	98
	A. The effect of heat energy in Refrigeration	
	B. Temperature Measurement, Indicators, Controls, and Recorders	
IV.	Refrigeration Control Valves and Cap Tubes	87
V.	Motor Controls	80
VI.	Basic Electricity and Motors	105
Second Semester		
I.	Servicing Refrigeration Equipment	150
II.	Trouble Shooting Refrigeration Equipment	210
III.	Commercial Refrigeration	180
	Total Clock Hours Credit	1080

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.

This 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.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Orientation	10
II.	General Mill Knowledge	35
III.	General Circular Mill Knowledge	8
IV.	General Sash Mill Knowledge	4
V.	Related Sawmill Machinery using Saws	21
VI.	Wood Technology	8
VII.	Maintenance of Band Saw Tools and Equipment	8
VIII.	Swaging and Shaping	90
IX.	Sharpening Band Saws	85
X.	Saw Welding (Gas)	380
XI.	Tensioning Band Saws	285
XII.	Maintenance of Circular Saw Tools and Equipment	35
XIII.	Tensioning Circular Saws	75
XIV.	Sharpening Circular Saws	28
XV.	Filing Room Layout	8
	Total Clock Hours Credit	1080

SECRETARIAL TRAINING - STENOGRAPHIC SEQUENCE
(Offered on all Three Campuses and George County Occupational Training Center)

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.

	MAJOR UNITS OF INSTRUCTION	CLOCK HOURS CREDIT
I.	**Typewriting** This unit includes keyboard, technique, work habits, letters, tabulations, outlines, and manuscript typing.	126
II.	**Shorthand** This unit includes Gregg Shorthand, DJS, theory, phrasing, brief forms, dictation, transcriptions, and letter placement.	108
III.	**Business English** This unit includes the principles of letter writing and their application to inquiry, order, credit, collection, sales, and application letters.	63
IV.	**Business Writing** This unit includes the principles of letter writing and their application to inquiry, order, credit, collection, sales, and application letters.	27
V.	**Office Machines** This unit includes the ten-key adding machine, full-key adding machine, printing calculator, fully automatic rotary calculator, manual and electric mimeo duplication, manual and electric spirit duplication.	72
VI.	**Secretarial Procedures** This unit includes skill such as handling mail, telephone technique, filing, transcription equipment, and preparation for employment.	72
VII.	**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
VIII.	**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
		540

SECRETARIAL TRAINING - CLERICAL SEQUENCE
Option

Individuals whose occupational objective does not require a need to know shorthand may elect to take the clerical option which includes all the courses outlined under the stenographic sequence with the exception of shorthand.

Note: key punch is offered only at the Jefferson Davis Campus.

SHEETMETAL WORK
(Jackson County Campus)

This program of two semesters duration is preparatory to job entry or supplementary to the employed sheetmetal worker who desires increased knowledge and skills in his occupation.

Individuals completing this program will be capable of sheetmetal work in such areas as heating and air conditioning; roofing; shipbuilding; aircraft and

freight car manufacturing; refrigeration; steel furniture construction; restaurant and cafeteria cabinet installations; sheetmetal drafting; coppersmithing.

The range of opportunities in sheetmetal work is as wide as one's abilities and initiative will carry him. The sheetmetal crafts are vital to the expanding American industry. As the possessor of a much needed and wanted vocational skill, the sheetmetal worker is assured of employment at above average wages anywhere in the United States.

The Mississippi Gulf Coast Junior College Certificate of Completion is granted to those who successfully complete this program.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Measurements	23
II.	Layout	440
III.	Hand Processes	230
IV.	Machine Processes	140
V.	Welding, Cutting and Brazing	57
VI.	Blueprint Reading	39
VII.	Drawing	43
VIII.	Safety	20
IX.	Metals and Materials	34
X.	Trade Mathematics	54
	Total Clock Hours Credit	1080

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 blueprint reading.

There is 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 is coupled with practical application and experience in varied laboratory projects. This course is nine months or two semesters in length.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Fundamentals of Bricklaying	30
II.	Mortar types, properties and uses	20
III.	Corner leads in various bonds	60
IV.	Residential construction	230
V.	Bonds, Pattern and Texture	50
VI.	Mortar joints and Tooling	15
VII.	Flues, fireplace construction and corbelling	75
VIII.	Arches, Lintels, layout, construction	90
IX.	Concrete Block	120
X.	Concrete	80
XI.	Gypsum and dry-wall construction	40
XII.	Scaffolding construction and dismantling	10
XIII.	Miscellaneous Masonry Construction	60
XIV.	Tile Setting and glass block construction	20
XV.	Related Information	180
	Total Clock Hours Credit	1080

WELDING

(Jackson County Campus, Perkinston Campus and George County Occupational Training Center)

This program of two semesters duration is preparatory to job entry as a welder. Employed welders may be interested in this program as a means of increasing their knowledge and skill in the welding trade. Both plate and pipe welding are included in this course using the latest techniques and equipment.

Individuals completing welder training can expect to find employment in the fields of shipbuilding; automobile, railway car and aircraft manufacturing; bridge dam, power plant, and oil rig construction and maintenance in all types of facilities.

For the well trained welder awaits a high paid, rewarding job and unlimited opportunities as a career welder.

The Mississippi Gulf Coast Junior College Certificate of Completion is awarded to those who successfully complete program.

MAJOR UNITS OF INSTRUCTION		CLOCK HOURS CREDIT
I.	Tack Welding	200
II.	Plate Welding	160
III.	Burning	45
IV.	Pipe Welding	262
V.	Metal Inert Gas Welding (Mig)	125
VI.	Tungsten Inert Gas Welding (Tig)	100
VII.	Welding Theory	30
VIII.	Welding Technique, Procedures, Speed and Cost	18
IX.	Weldability of Metals	30

X.	Basic Design and Production Data for Low Cost Welding	25
XI.	Blueprint Reading	40
XII.	Trade Mathematics	45
	Total Clock Hours Credit	1080

ADULT OCCUPATIONAL EDUCATION

Through its Division of Occupational Education, the college endeavors to meet the occupational training needs of the adults in the community with programs of adult occupational education. The following broad categories of adult programs are regularly offered to the adult population of the college community.

APPRENTICE SCHOOL OF RELATED INFORMATION

The college systematically conducts an Apprentice School of Related instruction for those apprentices who are indentured and are serving their apprenticeship in the Mississippi Gulf Coast Junior College area. At the present, related instruction classes are being conducted for the following crafts:

Boilermaker	Carpentry	Electrician
Machinist	Pipefitter	Sheetmetal Work

OCCUPATIONAL PREPARATORY PROGRAMS

The college is continually striving to establish programs that will assist the adults of the community who for reasons of day employment or for what ever reason cannot attend classes during the day hours. Practically any occupational education and training program described in other parts of this catalog can be established at night provided there is sufficient demand.

OCCUPATIONAL EXTENSION PROGRAMS

Another phase of adult occupational education is occupational extension classes which are designed to assist employed persons in keeping abreast of new developments in their occupations and to provide an opportunity for advancement. This college therefore offers short term specialized classes as a need for them is identified. Courses of this nature may be developed upon request of interested persons, providing sufficient enrollment makes such a class feasible. There are several occupational areas in which such classes could be developed: agriculture, distributive, home economics; business and office, technical and trades.

Contact the occupational education director of any of the three campuses for further details or request for classes.

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