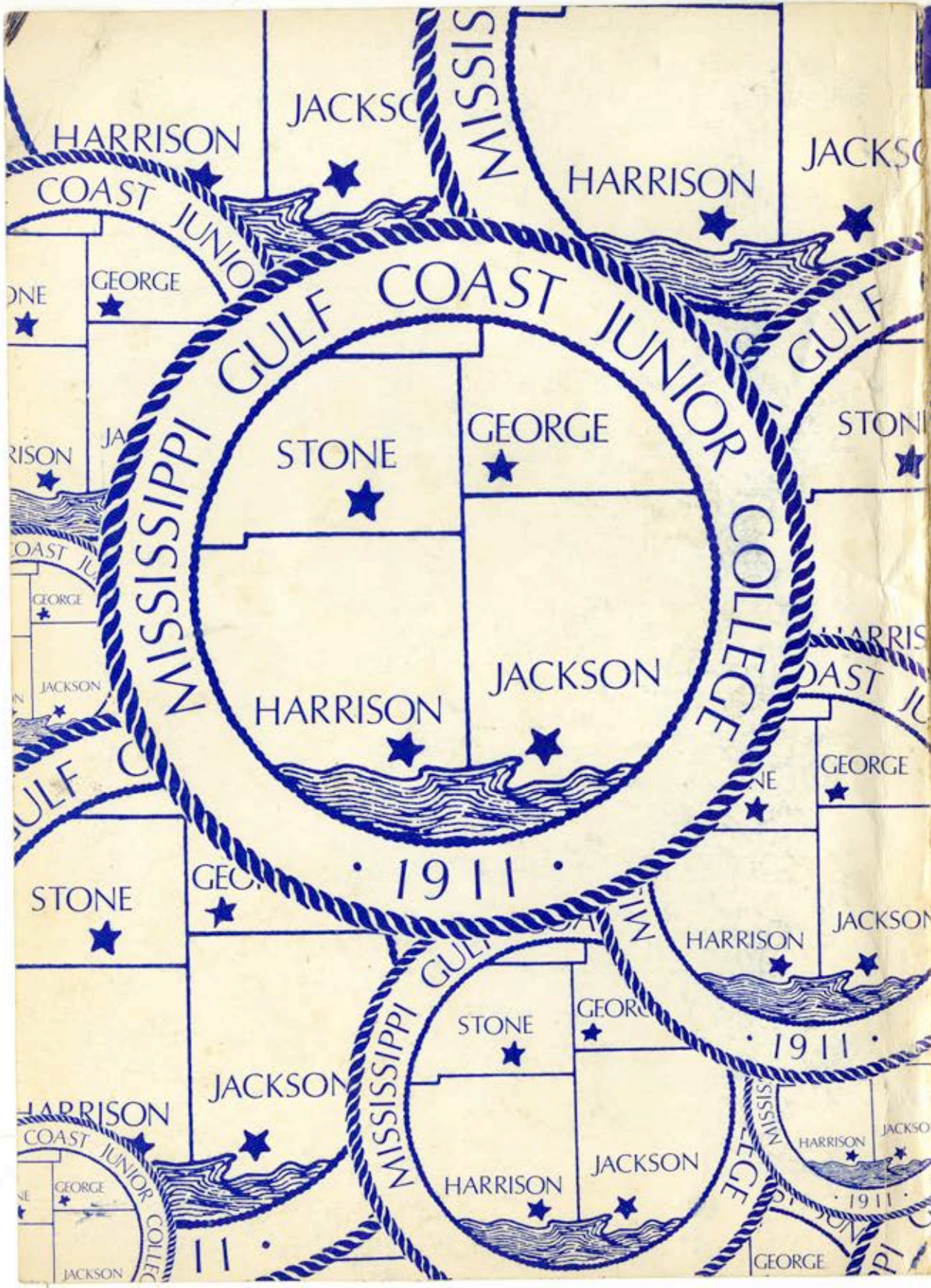


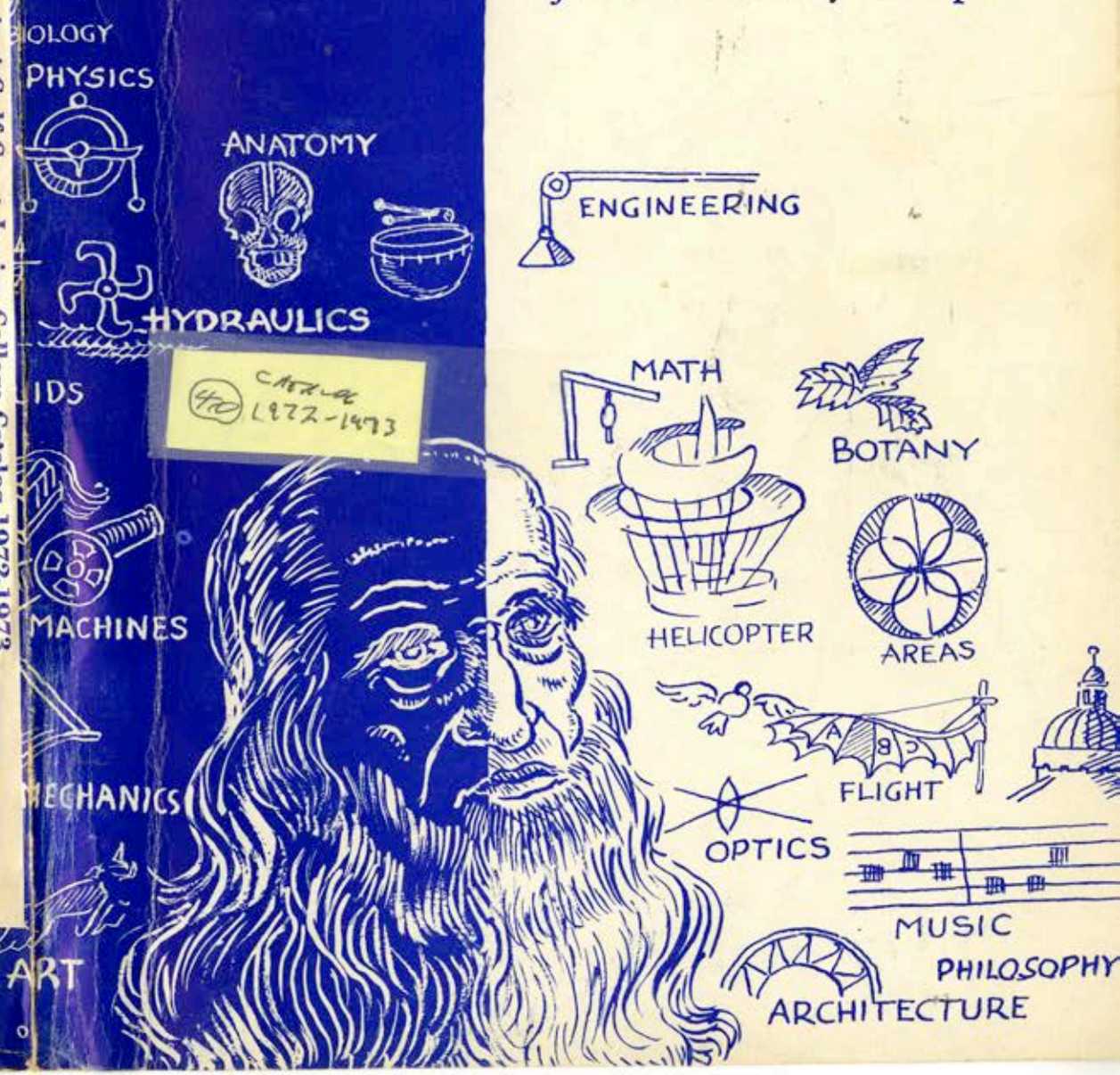
Mississippi Gulf Coast Junior College Catalog 1972-1973

Mississippi

Gulf Coast Junior College

Catalog 1972-73

Perkinston Campus
Jefferson Davis Campus
Jackson County Campus



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

Harrison, Stone, Jackson and George Counties Cooperating

Accredited By
Southern Association of Colleges and Schools

CATALOG 1972-73


11
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TABLE OF CONTENTS

Foreword 4
Calendars 5
Supervisors 8
Trustees 9
Administrative Officers and Staff 10
Committees and Department Chairmen 14
Faculty 16
Jackson County Campus 17
Jefferson Davis Campus 20
Perkinston Campus 24
Part I: Purpose and Objectives 28
History and Accreditation 28
Part II: Buildings, Grounds and Equipment 30
Part III: General Requirements 36
Admission Polices and Procedures 36
Irregular, Regular and Special Students 39
Academic Load 39
Transfer Students 39
Policy of Probation and Suspension 40
Withdrawal Procedure 40
Guidance Services 40
Class Attendance 40
Grades 41
Quality Points 42
Dean's List 42
Part IV: Financial Information 44
A. Expenses 44
B. Student Aid 48
Part V: Student Life and Activities 50
Part VI: The Instructional Program 55
Advantages of Graduation 55
Developmental Studies 57
Academic Programs 58
Summer Program 104
Technical Programs 105
Vocational Programs 159

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 over 30 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.

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

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

CALENDAR

1972

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ACCREDITATION

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

COLLEGE CALENDAR 1972-73

Monday, July 31 - Applications for admission after this date must pay $5.00 late application fee.

August 16, 17, 18 - Faculty Workshops.

First Semester

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

Monday, August 21 - 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 22 - Registration continues. (Registrants after this date will be charged $5.00 late registration fee. If testing is necessary, an additional $8.00 fee will be charged.)

Wednesday, August 23 - Classes begin.

Friday, September 1 - Last day to drop a course without a grade.

Monday, September 4 - Holiday.

Tuesday, September 5 - Last day to enter a first semester course.

Monday, September 18 - Second month's board due at Perkinston.

Monday, October 16 - Third month's board due at Perkinston.

Friday, October 20 - First term ends. Grade reports due.

Monday, November 13 - $45.00 board due at Perkinston for the remaining five weeks of First Semester.

Wednesday, November 22 - Thanksgiving holidays begin after fourth period class.

Monday, November 27 - Classes resume.

Friday, December 15 - 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.

Tuesday, January 2 - All administrative offices reopen.

Monday, January 8 - Registration. Second Semester fees due. Semester room rent and first month's board due at Perkinston.

Tuesday, January 9 - Registration continues.

Wednesday, January 10 - Classes begin. Registrants after this date will be charged $5.00 late fee. If testing is necessary, an additional $8.00 fee will be charged.

Friday, January 19 - Last day to drop a course without a grade.
Monday, January 22 - Last day to enter a second semester course.
Monday, February 5 - Second month's board due at Perkinston.
Friday, March 2 - First term ends. Grades due. Spring holidays begin after classes. Administrative offices open Monday, March 5 through Thursday, March 8.
Monday, March 12 - Classes resume. Third month's board due at Perkinston.
Monday, April 9 - $45.00 board due at Perkinston for the remaining five weeks of Second Semester.
Friday, April 20 - Easter Holiday.
Wednesday, May 9 - Second Semester ends.
Thursday, Friday, Saturday, May 10, 11, 12 - Graduation exercises for the three campuses.

Summer Session 1973

Monday, May 28 - Registration (Registrants after this date charged $5.00 late fee.)

Friday, June 29 - First five-week term ends.
Monday, July 2 - Second five-week term begins.
Friday, August 3 - Session ends.

SEMESTER TESTING SCHEDULE

FIRST SEMESTER	SECOND SEMESTER
Monday, 8-10, 1st Period MWF classes 10-12, 3rd Period MWF classes 1-3, 5th Period MWF classes	Thursday, 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	Friday, 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	Monday, 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	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.

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	Former Beat	Present Beat	Address
Richard Creel	December 1972	1	1	Biloxi
Russell A. Quave	June 1973	1	1	Biloxi
James E. Reese	December 1973	2	2	Gulfport
W. H. Starr	June 1976	2	2	Gulfport
Donald Demetz	December 1974	3	3	Pass Christian
Earl Sellier	June 1974	3	3	De Lisle
T. W. Milner, Jr.	December 1975	4	4	Gulfport
Harold Levron	June 1975	4 & 5	4 & 5	Saucier
W. Luther Blackledge	December 1971	5	5	Saucier
Robert D. Ladner	December 1975	Supt. of Ed.		Gulfport

STONE COUNTY

W. W. Taylor	December 1972	1	1	Wiggins
Hiram J. Davis	December 1973	2	2	Perkinston
William S. Mauldin, Jr.	December 1974	3	3	McHenry
Johnnie C. West	December 1975	4	4	Wiggins
Gordon G. Bond	December 1971	5	5	Perkinston
James V. Gordon	December 1975	Supt. of Ed.		Wiggins

JACKSON COUNTY

G. M. Hamilton	December 1972	1	1	Moss Point
R. A. Roberts	December 1973	2	2	Mos. Point
Warner Peterson	December 1974	3	3	Pascagoula
G. H. Puhle	December 1975	4	4	Ocean Springs
Norman V. Flurry	December 1971	5	5	Perkinston
R. H. Slaughter, Jr.	June 1972	County at Large		Pascagoula
M. H. Mallette	December 1975	Supt. of Ed.		Pascagoula

GEORGE COUNTY

M. L. Malone	December 1972	1	5	Lucedale
Luther Jones	December 1973	2	2	Lucedale
M. L. Pope	December 1974	3	3	Lucedale
M. C. Murrah	December 1975	4	5	Lucedale
W. T. Moore	December 1971	5	5	Perkinston
R. E. Bryan	December 1975	Supt. of Ed.		Lucedale

ADMINISTRATIVE OFFICERS

Central Administration

President—Dr. J. J. Hayden, Jr.
Administrative Assistant for Business Affairs—L. A. Krohn
Administrative Assistant for Data Processing—H. G. Carnathan
Administrative Assistant for Instructional Affairs—W. Harold Wesson
Administrative Assistant for Vocational Technical Affairs—Boyce L. Breland
Coordinator of Manpower Training Programs—Edward A. Evans
Vocational Counselor—Paul Brauchle
Supervisor of Health Occupations—Mrs. Louise Jones
Coordinator of Buildings and Grounds—W. B. Rogers
Purchasing Agent—Everett Compston
Director of Publications—William H. Byrd
Executive Secretary, Alumni Association—Mrs. Wyvona Scarbrough
Publicity Assistant—Winfred Moncrief

Jackson County Campus

Executive Dean—Curtis L. Davis
Director of Instruction—Dr. Royce B. Luke
Director of Student Services—Billie J. Lofton
Director of Finance—Marshall Glazebrook
Director of Vocational Technical Programs—R. Travis Ferguson
Counselor—Bruce W. Fisher
Vocational Counselor—Bert Phelps, Jr.
Librarian—Mrs. Mary Palmer
Assistant Librarian—Mrs. Carolyn Latimer
M.D.T.A. Supervisor—William J. Taylor
Evening College Coordinator—Bobby Garvin
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—Charles R. Shows
Director of Vocational Technical Programs—Carlie Scofield
Assistant Director of Vocational Technical Programs—Wendell Thornton

Counselor Vocational Technical——————————Herschel Smith
Counselor and Evening College Coordinator——————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

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——————————Gerald Buchanan
Assistant Librarian——————————Mrs. Lillie Reed
Counselor——————————Mrs. Margie Rabby
Director of Vocational Technical Programs——————Billy J. Scarbrough

STAFF

Central

Secretary to the President——————————Mrs. Ethel Bond
Secretary——————————Miss Gloria Rogers
Office Manager, Business Office——————Mrs. Florence Rainwater
Accounts Payable Clerk, Business Office——————Mrs. Helen Vernon
Secretary, Business Manager——————————Miss Nancy Lee
Bookkeeper, Business Office——————————Mrs. Kay Taylor
Secretary, Purchasing Agent——————————Mrs. Brenda Ziebach
Bookkeeper/Clerk, MDTA Programs——————Mrs. Suzanne Day
Systems Analyst——————————Robert T. Smith
Central Office Personnel Monitor——————————Mrs. Millie Taft
Secretary, Publicity——————————Mrs. Betty Cobb
Secretary, Instruction——————————Miss Ann Reeves
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

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——Miss Janie Carter
Secretary, Vocational Technical——Miss Dorothy Gautier
Secretary, Vocational Technical——Mrs. Jane Parke
Secretary, Librarian——Mrs. Erma Grant
Secretary, Instruction——Mrs. Barbara Fisher

Jefferson Davis Campus

Secretary to Executive Dean——Mrs. Wilma Newport
Secretary to Student Services——Mrs. Dora Mae Bond
Records Clerk——Mrs. Katherine Smith
Business Secretary——Mrs. Loyce Williams
Secretary, Instruction——Mrs. Carolyn Pridgen
Receptionist——Mrs. Glenda Lashley
Supervisor of Buildings and Grounds——R. L. Stafford
Student Center Manager——Mrs. Inez Carlisle
Data Processing Supervisor——Howard Malone
Library Assistant——Mrs. JoAnn Pool
Vocational Secretary——Mrs. Rachel Blanchard
Assistant Building Superintendent——Euborn Boro

Perkinston Campus

Supervisor, Building 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. Dionitia Boone
Secretary, Director of Instruction——————————————Mrs. Gloria Reid

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., L. A. Krohn, H. G. Carnathan, W. Harold Wesson, Boyce Breland, Curtis Davis, Dr. William P. Lipscomb, Jr. and Charles G. Odom.

Jackson County Campus

Admissions Committee: Lofton, Luke, Phelps, Fisher, Ferguson, Mulkana, Martin

Audio-Visual and ITV Committee: Oswald, Luke, Turney, Ormon, Valverde, and all Department Chairmen

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

Discipline Committee: Faculty - Oswald, MacInnis, Shepherd; Students - Mary Anne Hinman, David Tucker

Curriculum:

DEPARTMENT CHAIRMEN

Associate Degree Nursing	Lois Hicks
Business and Office Administration	Royce B. Luke
Fine Arts	Joe Ello
Health and Physical Education	Charles Keith
Language Arts	Walter Mullen
Mathematics	T. Ralph Smith
Social Studies	Dean Shaw
Science	Robert Herrington

Faculty Advisory Committee: Irwin, Shaw, Jones, Bennett, Cowsert, Tremmel

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

Graduation Committee: Lofton, Irwin, Malone, Fisher

Library Committee: Palmer, Herrington, A. Strahan, Stroud, Pringle, Cowsert, E. Shaw, Ello, Turney, VanCourt, Mullen, MacInnis, Stepherd, Howard

Physical Education Health and Athletics Committee: Keith, Garvin, Young, Martin, Miller, Ainsworth

Scholarship Committee: Lofton, Ferguson, Luke, Phelps, Johnson

Student Activities Committee: Lofton, D. Shaw, Stroud, President of Student Council

Student Publications Committee: Mullen, Stroud, Lofton, Byrd, Dougherty, Student Editors

Jefferson Davis Campus

Administrative Council: Vierling, Cadle, Scofield, Shows
Admissions: Vierling, Cadle, Scofield, Taylor, Thornton, Callahan, Shows
Curriculum:

DEPARTMENT CHAIRMEN

Associate Degree Nursing	Margaret Kingman
Business and Office Administration	Elaine Graves
Fine Arts	James Mathis
Health and Physical Education	Winston Beacham
Language Arts	G. L. Douglas
Mathematics	Paul McKay
Science	Walter Dunn (Acting)
Social Studies	Harry Stamps
Vocational Technical Programs	C. D. Scofield

Assembly and Lyceum: Vierling, Guess, Shows, Ortiz, Student Council
Audio Visual, P.A.: Goforth, Taylor, Vierling, Hendon, Ortiz, Pigott
Discipline: Vierling, Cadle, Shows, Bailey, Scofield, President of Student Council
Faculty Reception and Courtesy: Carlisle, Mathis, Shivers, Ward
Graduation: Shull, Ortiz, Shivers, Dunn
Guidance: Vierling, Taylor, Mathis, Tate, Smith
Library: Burford, Ward, Porter, Long, White, Cadle, Drago
Physical Education and Health Service: Beacham, Mullin, Usey
Publications: Duncan, White, Cadle, Ward, Vierling
Social Life: Vierling, Beacham, Taylor, Student Council
Scholarship: Vierling, B. Malone, Graves, McKay, Stamps

Perkinston Campus

Admissions: Rabby, Hilbun, Strickland.
Audio Visual: Strickland, McQuagge, L. Hayden, Buchanan, G. Moffett.
Discipline Committee: L. O'Neal, M. Morphis, G. Buchanan, Student Council President, Student Representative.
Christian Council: Buchanan, Warren, J. Davis, Father Fillipich, Presidents of Christian Organizations.
Curriculum:

DEPARTMENT CHAIRMEN

Business and Office Administration	Kay McInnis
Fine Arts	Eugene Clement
Health and Physical Education	Robert Weathers
Language Arts	Dr. Woodley Lott

Mathematics	Larry O'Neal
Science	Richard Miller
Social Studies	Samuel Lewis
Vocational-Technical	Billy J. Scarbrough

Faculty Advisory: L' O'Neal, C. Dellenger, W. Lott, W. Moffett, C. Sullivan, C. Batson.

Faculty Housing: Odom, Krohn, Dr. Hayden.

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

Library: L. Hayden, McInnis, W. Davis, Ross, Faust, Student Representative.

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

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

Scholarship: Hilbun, Rabby, Stringfellow.

Student Activities: Hilbun, Morphis, Wittman, Buchanan, Schledwitz, 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.

L. A. Krohn, Administrative Assistant for Business Affairs (1950). B.S. and M.S. University of Southern Mississippi.

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

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

Boyce L. Breland, Administrative Assistant for Vocational-Technical Affairs (1967). B.S. and MS., University of Southern Mississippi. Additional study, University of Southern Mississippi, Radio Technical Training, Florence State Teachers College and Mississippi State University.

Edward A. Evans, Coordinator of Manpower Training Programs (1956). B.S., Mississippi State University. Additional study, University of Southern Mississippi.

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

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

Everett Compston, Purchasing Agent (1965). B.S., Northeastern State College. Pahlequah, Oklahoma. M.Ed., University of Southern Mississippi. Additional study, University of Kentucky.

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

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

Winfred H. Moncrief, Publicity Assistant (1971). B.S., 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.

Howard Bowers, MDTA Electricity (1971). State Department of Education-Vocational Technical Division. (Electrical Certificate).

Vivian Coats, Nursing (1968). Diploma, Nursing, University of Tennessee School of Nursing. B.S., University of Mississippi.

H. B. Cobb, MDTA Sheetmetal (1971). High School Diploma.

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

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

Larry Crane, Welding (1970). Graduate, Ingals 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.

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, Physical Education (1970). B.S., Mississippi State University. M.E.D., Mississippi State University. A.B.D., University of Southern Mississippi.

Marshall A. Glazebrook, Director of Finance (1965). B.S., Virginia Military Institute. M.S., University of Southern Mississippi.

Ronald Graham, Industrial Electricity (1970). Three years teaching experience.

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

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

Buhel F. Hicks, Machine Shop (1967). Undergraduate work, Oklahoma State University and Mississippi State University.

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

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

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.

Beverly Johnson, MDTA Basic Education (1971). B.S., Mississippi Valley State.

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. and M.A., University of Southern Mississippi. Additional work, University of Southern Mississippi.

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

Carolyn Latimar, Assistant Librarian (1970). A.A., Yancey State Junior College. B.S., University of South Alabama. M.S., Florida State University.

D. L. Lawrimore, MDTA Pipefitting (1971). Diploma.

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

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

Royce B. Luke, Director of Instruction (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, 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.

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. MSc., 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 work, 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. Undergraduate work, Mississippi Gulf Coast Junior College, Jackson County Campus.

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.

Betty Oswald, Director of Instructional TV (1969). B.S., Mississippi College. M.A., University of Alabama. Additional study, University of Alabama, ETV Institute, Chicago.

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

Cleveland Patterson, Auto Mechanics (1968). Twenty one years Army Mechanics Training.

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

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.

Booker Randall, Jr., MDTA Counselor (1971). B.S., Tennessee State University.

Shirley Scott, MDTA Basic Education (1971). Tennessee State University.

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.

George Sims, MDTA Instructors Aid, Pipefitting (1971). High School Diploma.

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

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

M. K. Stringfellow, Physics (1967). B.S., University of Southern Mississippi. M.A., Middle Tennessee State University. Additional work, 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 work, University of Southern Mississippi.

Arthur Sunday, Industrial Electricity (1970). B.S., University of Virginia.

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

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

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

Robert Tipton, MDTA Welding (1971). Mississippi Gulf Coast Junior College, Perkinston Campus.

Kenneth Torgerson, MDTA Welding (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.

Toni J. Valverde, Systems Approach (1970). B.F.A., University of South Alabama.

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.

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

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, and University of Southern Mississippi

Marjorie S. Anderson, Nursing (1971). B.S., Nursing, University of South Carolina.

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

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., University of Southern Mississippi, with additional study.

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.

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 (1962). B.S. and M.S., University of Southern Mississippi. Additional graduate study, University of Southern Mississippi and Mississippi State University.

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

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

Bobbye Crawford, Nursing (1971). B.S., Nursing, Northwestern State, Natchitoches, Louisiana. Additional study, Louisiana State University.

Johnny Crawford, Business Administration (1971). B.A. and M.B.A., Southeastern Louisiana University.

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.

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., Mississippi State University. M.S.,

Mississippi State University. M.E., Rice University. Course work completed for Doctorate.

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

Joseph O. Goforth, Jr., Developmental Reading (1965). A.B., Syracuse University. M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi. Course work completed for Doctorate.

M. Elaine Graves, Business Education (1958). B.S. and M.E., University of Southern Mississippi. Additional study, University of Southern Mississippi and Wisconsin State University-Eau Claire.

Merrell H. Guess, Drafting (1965). B.S., Engineering. Mississippi State University.

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

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

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

Manus E. Henegar, Jr., Vocational Technical Related Arts (1969). B.S., University of Tennessee. M.S., University of Southern Mississippi. Additional study, University of Southern Mississippi.

Joy Huddleston, Nursing (1970). Diploma, Nursing, South Mississippi State Hospital, Laurel, Mississippi. B.S.N., University of Alabama. Additional study, University of Southern Mississippi.

Billy W. Johnson, Welding and Metal Trades (1968). Jones County Junior College. B.S., Mississippi State University. Three years experience as Millwright and Welder, Carpenter's Local 569.

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

James M. Knight, Chemistry and Biology (1969). B.S., University of Southern Mississippi. Pre-Doctoral work, University of Southern Mississippi and Gulf Coast Research Laboratory.

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

Verne B. Lamas, Practical Nursing (1971). Diploma of Nursing, Hotel Dieu School of Nursing.

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.

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

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

James F. Mathis, Art (1965). B.S. and M.Ed., Mississippi College.

Paul G. McKay, Mathematics (1965). 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.

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

Thomas V. Noland, Sr., Hotel-Motel-Restaurant (1966). B.S., Hotel and Restaurant Management, Mississippi State University. Graduate work, Administrative Education, Oklahoma State University.

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

Adam J. Ortiz, Music (1969). B.M.E. and M.M., University of Southern Mississippi.

Otis L. Parkes, Industrial Electricity (1970). Electronics education and working via 20 years of military electronics.

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

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

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

Jane Reid, Practical Nursing (1967). Diploma, University of Tennessee School of Nursing. Additional study, University of Mississippi, University of Southern Mississippi and Jefferson Davis Campus.

Robert D. Rose, Drafting (1970). A.S., Perkinston Campus. B.S., Mississippi State University. M.S.Ed., Southern Illinois University.

James Sanders, Air Conditioning and 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. Additional study, University of Southern Mississippi.

Sandra Lee Shivers, Mathematics (1970). B.S., Mississippi State College for Women. M.A., Louisiana State University.

Charles R. Shows, Director of Instruction (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.

Harriett G. Smith, Biology (1971). B.S., University of Alabama. M.S., Tulane University.

Herschel J. Smith, Vocational Technical Counselor (1968). B.S., Alcorn A & M College. MA., University of Minnesota. MS., University of Southern Mississippi. Additional study, Jackson State College, University of Southern Mississippi and Ohio State University.

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

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

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

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

Louise Ward, Assistant Librarian (1967). B.S., Mississippi State College for Women. M.Ln., Emory University. Additional study, Louisiana State University.

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

Perkinston Campus

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

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

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

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

Walter Emanuel Davis, Ornamental Horticulture (1969). B.S. and M.S., Mississippi State University. Ph.D., Ohio State University.

Randle Dedeaux, Drafting (1949). B.S., Louisiana State University. M.F., Duke University.

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

Kenneth Farris, Health and Physical Education (1962). B.S. and M.E., University of Southern Mississippi. 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. M.A., 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 Henry, Business (1970). B.S., New York University. J.C., New York University School of Law. M.Ed., Delta State. Additional work, University of Southern Mississippi.

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

Sam P. Jones, Band (1952). 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.

William Lewis, Health and Physical Education (1971). B.S., Mississippi College.

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.

Jerry McCardle, Saw Technology (1970). Six years experience as a saw filer.

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.

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

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

Charles G. Odom, Executive Dean (1955). B.S. and M.S., University of Southern Mississippi. Additional study, Mississippi State University and Louisiana State University.

Larry O'Neal, Mathematics (1967). B.S. and M.Ed., Mississippi State University. Additional study, Mississippi State University and University of Southern Mississippi.

John Pachel, Auto Mechanics (1969). Seven years experience.

Carlton Peters, Bible (1971). M.R.E., Baptist Theological Seminary, New Orleans.

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

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

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

Homer Rainwater, Science (1960). B.S., Mississippi State University. M.S., Indiana University. Additional study, University of California at Los Angeles.

Lillie E. Murtry Reed, Assistant Librarian (1971). B.S. and M.S., Florida A & M University.

Shirley Ritter, Mathematics (1971). B.S., M.A., and M.S., Louisiana 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.

Woodrow Rustin, Drafting and Design (1971). B.S., 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.

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

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

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

Clyde E. Strickland, 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 work, University of Southern Mississippi.

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

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

Robert Wayne Weathers, Health and Physical Education (1960). B.S. and M.S., University of Southern Mississippi.

James David Wittman, Music (1969). B.M. and M.M., University of Southern Mississippi.

PART I PURPOSE AND OBJECTIVES

History

In the summer of 1911, the Harrison County School Board established the Harrison County Agricultural High School, an action which marked the beginging 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 t' e 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 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 1969-70 session was 11,896.

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

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

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

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

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

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, will be respected and their effect on procedure or policies will be 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 will offer essentially the same basic instructional program. Course numbers and descriptions in the catalog, course outlines, text books, and supplementary materials will apply to all campuses. Close departmental coordination among campuses will help ensure all students optimum uniformity of instructional quality.

PART II BUILDINGS, GROUNDS & EQUIPMENT

Mississippi Gulf Coast Junior College has developed master site plans for the Campuses. These are essential to carrying out a ten-year building program adopted by the Board of Trustees. Based upon projected student enrollment figures, the program is designed to provide the physical needs of the College for the foreseeable future.

New vocational-technical complexes were dedicated at both the Jackson County and Jefferson Davis Campuses during the 1968-69 session and a combination academic 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.

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

Darby Hall at Perkinston has been renovated in order to provide adequate space so that the Central Administration offices could be consolidated in one building.

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

Jackson County Campus

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

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

The four 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 these rooms are of the latest design and equipment. Also located in this building is the central power plant furnishing heat, air conditioning, and water facilities to the campus complex.

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

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

Building D, the main Vocational-Technical Building, is the newest and largest 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.

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, about midway between Gulfport and Biloxi. The award-winning architectural design of the building complex features 16 structures laid out to form landscaped courts between them. Covered walks along the buildings not only provide sheltered passage but form a visual tie for the complex and carry utilities throughout the complex, including air-conditioning.

The buildings on the Jefferson Davis Campus are as follows:

Building A - 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, and 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. This studio can be used for art and ceramics and opens onto a large patio for outdoor instruction.

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

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

Building G - Faculty Offices: Houses 22 offices for faculty members using the Academic building, a secretarial pool area, workroom, and faculty lounge.

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

Building I - Library: Contains a large reading area furnished with various sized tables and chairs, reading area for periodicals and reference materials, a number of carrels for individual study, and bookshelves. The librarian's and assistant librarian's offices plus a large workroom are adjacent. Five special

study or 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 plus dining area, food preparation and service area, office for manager, workrooms and storage, plus a bookstore, are all housed here. Opening onto the northside covered walkway are Student Council, Annual, Newspaper, and Conference rooms for student use.

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

Building L - Health and Physical Education: This building under construction, will be available for use by the Fall of 1972, 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. In addition 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. In addition 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. In addition 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. This is a split-level multi-stored 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. It 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 music facilities. The main floor of this single-story, three-level building houses the cafeteria and also includes a private dining room. Music facilities on two lower levels in an outer ring include band and choir rehearsal rooms, classrooms, practice and teaching studios.

Megehee Building. This structure occupied in the spring of 1962, contains a living suite and bedrooms, a foods laboratory and a clothing laboratory.

Wentzell Center, constructed in 1957, houses the Campus bookstore, grill and post office, in addition to the main gymnasium with a seating capacity of 1,800.

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

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

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

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

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

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

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

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

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

Owen Hall is a two-story brick dormitory for male students constructed 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.

PART III GENERAL REQUIREMENTS

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

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.
G. 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 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 Test (GED).
3. A student making a standard score of less than 15 on the English Section of the ACT is required to take English 090 and Reading 090, and those earning less than 15 on the Mathematics Section, must take Math 090. These courses are part of the Guided Studies Program and are discussed in more detail under Part VI, Developmental Studies.
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 Courses

Vocational program requirements are:

1. An applicant under 18 years of age should be a high school graduate (a student must be 18 years 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 report signed by the examining physician.
   c. A $10.00 application fee. (A new application form and $10.00 must be submitted each semester.)
2. The Campus Director of Admissions should receive official transcripts showing all high school and/or college work completed.
3. The Director of Admissions should be sent the results of the American College Test taken by the applicant. (Prospective students should take this test when it is offered during the senior year of high school. It is also offered each summer on each campus.)
4. The applicant must have a personal interview with the Campus Dean or Director of Student Services. A new student also must participate in one day of pre-registration orientation on 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.

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

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

Guidance Services

The basic objective of the guidance and counseling services of the college is to assist the student to achieve the maximum development of his individual abilities. This is 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 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 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.
F - Failure. This may represent the failure to do the regularly prescribed work; withdrawal from a course without permission; or withdrawal from a course while failing, after the deadline for withdrawing.
I - Incomplete, meaning the prescribed work was not finished at the end of the semester. (If the work is completed later, this grade may be raised to any other grade by the instructor. An "I" will become

an "F" if the work is not completed during the student's next semester.

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

Quality Points

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

A	4 quality points per semester hour
B	3 quality points per semester hour
C	2 quality points per semester hour
D	1 quality point per semester hour
F	0 quality points 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 taken.

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

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. A grade of "B" or better is required on non-academic courses for making the President's List.

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".) A grade of less than "C" in non-academic courses will prevent a student from making the Dean's List.

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

1971 Homecoming Queens

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 catalog) that may be charged, and also that they purchase their own textbooks which are available through the College Bookstores.

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

*NOTE: College buses provide free transportation to commuting "day" students from George and Stone counties attending the 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
Total fees		$ 127.00*	$ 127.00*
Room:			
Stone, Jackson Halls	54.00		
Harrison Hall	72.00		
George, Huff Halls	63.00		
Owen, Moran Halls	90.00		
Board		162.00	
Total cost for semester			$ 127.00

Stone, Jackson Halls	343.00*	
Harrison Hall	361.00*	
George, Huff Halls	352.00*	
Owen, Moran Halls	379.00*	
Amount due at registration (includes application fee and first month board)		127.00*
Stone, Jackson Halls	217.00*	
Harrison Hall	235.00*	
George, Huff Halls	226.00*	
Owen, Moran Halls	253.00*	
Due each month after registration	36.00	0

Residents of Mississippi outside the district with the exception of Adams and Wilkinson Counties must add an additional $45.00 per semester to amount payable at registration. Residents of Wilkinson and Adams Counties must add $90.00 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 (may be purchased at Student Personnel office), 2 pillow cases, 2 bedspreads, evening dress for girls, 4 sheets for single bed, 1 pillow, 2 pairs window curtains (length 2 yards finished), 1 drinking glass, toilet articles, 1 laundry bag, towels, coat hangers, 2 blankets and 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.

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

Vocational courses cost $125.00 per semester.

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

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

Spring and Summer day students: Pay $3.00 parking fee, 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; and to participate in other student activities supported by these fees.

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.

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.

LATE REGISTRATION FEE - This fee of $5.00 is charged any student registering late - after Tuesday, August 22 for the first semester and after Wednesday, January 10 for the second semester.

LATE APPLICATION FEE - This fee of $5.00 is charged any student applying for admission after July 31 for the first semester and after January 10 for the second semester.

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

DORMITORY ROOM KEY DEPOSIT - This fee of $1.00 is refunded when a student gives up his room and turns in the key.

PRIVATE MUSIC LESSONS - When not required in a curriculum, these may be arranged for a student (if an instructor has time 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, is divided by the number of weeks in the semester and the refund pro rated for the number of weeks the student did not attend classes.

B. Student Aid: Scholarships & Employment Opportunities

Whenever possible, the college employs students to assist in the library, drive buses, work in the cafeteria and perform clerical and secretarial tasks. Students from 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, and 3) that students accept the job for a whole semester and not ask to be relieved without good cause.

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

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

Some band and choir scholarships are available and a number of athletic scholarships are awarded.

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

Other work scholarships are offered through Singing River Hospital, Pascagoula. 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 on scholarships available for the 1972-73 session.

PART V STUDENT LIFE AND ACTIVITIES

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

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

Student Councils

Students have the 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, legislative and judicial functions, are the voice of the students in helping to determine the success of the college.

Four faculty members on each campus serve 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 BULLDOG BARKS on a monthly basis.

News Magazines. THE QUARTERLY REVIEW 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.

Miss Gulf Coast Junior College

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

Hall of Fame

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

Organizations and Clubs

The following organizations and clubs 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 place for pre-law students to get an appreciation of what it means to be a lawyer.

Dramatics Club. To give an insight into the make up and origin of the stage and to cultivate an appreciation of drama as a whole.

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 at Jackson County.

There are also on each campus student religious organizations such as Baptist Student Union, Newman Club (for Catholics), Canterbury Club (Episcopalian students), Westminister Fellowship (Presbyterian students), Wesley Foundation (Methodists). 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 is a 75-member marching band and orchestra and the girls parade unit, the Perkettes; the college choir with its smaller vocal ensembles, and new in the 1968-69 session was the revival of the 15-member stage band. Both Jefferson Davis and Jackson County have choral groups and smaller vocal ensembles with instrumental accomplishment.

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 award 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 objectives 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, administrators and the president of the student council.

Right of Appeal

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

PART VI INSTRUCTIONAL PROGRAM

Advantages of Graduation

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

Developmental Studies

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

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

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

For scheduling and tuition purposes, each developmental course is equivalent to a three semester hour course. These hours of credit will count toward graduation from the college. They are not considered credits that will be accepted for transfer to a senior institution.

Developmental Courses

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

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

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

Choosing A Curriculum

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

1. University parallel curricula which may be transferred for full credit to senior institutions toward satisfaction or 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.

All courses of study are approved by the Veterans Administration.

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.

		SEMESTER HOURS		
FRESHMAN YEAR		1 Sem.		2 Sem.
ENG 1113, 1123	English	3		3
MFL 1114, 1124	French			
	or	4		4
MFL 1214, 1224	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 1123, 1134	Biology	3		4
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 1123, 1134	Biology	3		4
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

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 of 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	
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	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	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	1214, 1224	Accounting	4		4
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	1214, 1224	Accounting	4		4
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	1214, 1224	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 ~~1413~~, 2423*	Business Law	3	3
ECO 1223, 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.

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			
BAD 2323	Mathematics	3		3
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

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 1214, 1224	Accounting	4	4
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, Government, HPR 1213, Hygiene, or GEO 1123, Geography should be taken in lieu of SEC 1213.

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		
FRESHMAN YEAR		1 Sem.		2 Sem.
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	General 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 freshman and sophomores are much the same for all branches of Engineering.

		SEMESTER HOURS	
FRESHMAN YEAR		1 Sem.	2 Sem.
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	4	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	
FRESHMAN YEAR		1 Sem.	2 Sem.
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		
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
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 Differential Equations is not required but is strongly recommended.

Industrial Technology

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 and 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 of 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 1114, 1124	French	4	4
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	2225, 2435	Chemistry	5		5
PHY	2416, 2224	Physics	4		4
HPR		Physical Education	1		1

Medical Technology

			SEMESTER HOURS		
FRESHMAN YEAR			1 Sem.		2 Sem.
ENG	1113, 1123	English	3		3
MFL	1114, 1124	French	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
BIO	1134 Biology,	BIO 2414 Zoology	4		4
PHY	2414	Physics	4		
EPY	1513	Psychology	3	or	3
BIO	2914	Bacteriology			4
HPR		Physical Education	1		1

Pre-Pharmacy

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
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 1313	Botany	4	
BIO 2914	Bacteriology		4
	Electives (Social Sciences)	3	3
HPR	Physical Education	1	1

Optometry

		SEMESTER HOURS		
FRESHMAN YEAR		1 Sem.		2 Sem.
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 2414	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 1114, 1124	French		
	or	4	4
MFL 1214, 1224	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		
MFL 1114, 1124	French	4		4
MAT 1114, 1323	Mathematics	3		3
PSC 1113	Government			3
HPR	Physical Education	1		1
SOPHOMORE YEAR				
ENG 2233, 2243	English	3		3
CHE 2425, 2435	Chemistry	5		5
MFL 2114, 2124	French	4		4
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
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 1214, 1224	Accounting	4	4
HIS 1113	History		3
HPR	Physical Education	1	1

Agricultural Engineering

		SEMESTER HOURS	
FRESHMAN YEAR		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

		SEMESTER HOURS	
FRESHMAN YEAR		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 1214, 1224	Accounting	4	4
AGR 2314	Soils		4
PHY 2414	Physics		4
ENG 2243	English Literature		3
MAT 1313, 1314	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		
FRESHMAN YEAR		1 Sem.		2 Sem.
ENG 1113, 1123	English	3		3
MAT 1213 or 1313	Mathematics	3	or	3
BIO 2414	Biology	4		
HEC 1213	Foods	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
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		
SOC 2113	Sociology	3	or	3
SOC 2133	Marriage and Family	3	or	3
HPR	Physical Education	1		1

GROUP VI EDUCATION

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

		SEMESTER HOURS		
FRESHMAN YEAR		1 Sem.		2 Sem.
ENG 1113, 1123	English	3		3
HIS 1113, 1123	History	3		3
BIO 1113, 1123	General Biology			
	or	3 or 4		3 or 4
BIO 1134 Biology, BIO 2414 Zoology				
HPR 1213	Personal Hygiene	3	or	3
EPY 1613	Education	3	or	3
MAT 1213	Foundations of Mathematics*			
	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 4		3 or 4
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			
	or	3 or 4		3 or 4
CHE 1215, 1225	Chemistry**			
HPR 1313	Introduction to Physical Education*			3
SOC 2113	Sociology	3	or	3
EPY 1513	Psychology	3	or	3
	Elective	3	or	3
HPR	Physical Education	1		1

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

Industrial Education

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

		SEMESTER HOURS	
FRESHMAN YEAR		1 Sem.	2 Sem.
GRA 1112, 1122	Engineering Drawing	2	2
ENG 1113, 1123	English	3	3
BIO 2414	Zoology	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 1214-1224-Principles of Accounting (107-208). 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 1224 is ACC 1214. Four Semester Hours Each.

ACC 2313 - Cost Accounting (213). This course is a study of the application of accounting principles to job order, process cost, and standard cost systems. Prerequisite: ACC 1214-1224. 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 (203). 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 (202). 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 (105). 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 (102). 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 (103). 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 (104). 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 (204). 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 (101). 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 (202). 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 (203). 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 2613 - Ceramics (205). 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 (206). 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 (207). Survey of Art History from Pre-historic art through the Renaissance. Three Semester Hours.

ART 2723 - Art History II (208). Survey of Art History from Baroque Art through Modern Art. Three Semester Hours.

BIOLOGY

BIO 1113, 1123 - Fundamentals of Biology. (For Non-Science Majors). (FBS 110 - 111). 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. 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, metobalism, 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 per week. Four Semester Hours.

BIO 1314 - Botany (107). 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 for science majors.

BIO 1513 - Anatomy and Physiology (102). 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 (103). This is a continuation of Anatomy and Physiology 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. No prerequisites. Three Semester Hours.

BIO 2414 - Zoology (100). This course deals with the organ systems of animals, both structurally and physiologically, from protozoa through the vertebrates. General Biology (BIO 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 (204). 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 1123, 2414 and CHE 1215. Four Semester Hours.

BIO 2513 - Human Anatomy and Physiology (202). 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 (203). A continuation of Anatomy and Physiology 2513 in which the circulatory, respiratory, digestive, urinary, reproductive, and endocrine systems are studied. Prerequisite: BIO 2513 Human Anatomy and Physiology. Two lecture and two laboratory periods per week. Three Semester Hours.

BIO 2914 - General Bacteriology (200). 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 (106). 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 (107). 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 (MAT 110). 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 1323 - Mathematics of Finance (MAT 111). 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 2213 - Marketing (215). 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 (MAT 115). 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 (BLA 211). 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 2423 - Business Law (BLA 212). This course is a continuation of Business Law 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 (214). 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 (216). 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.

CHEMISTRY

CHE 1215 - General Chemistry I (104). 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 (105). A continuation of the above approach to Chemistry 1215 with emphasis on metallurgy and a comprehensive study of carbon chemistry. Three lecture and four laboratory periods per week. Five Semester Hours.

CHE 2425 - Organic Chemistry I (201). An introductory study of organic chemistry and aliphatic compounds and derivatives. Prerequisite: CHE 1215 and 1225 Chemistry. Three lecture and four laboratory periods per week. Five Semester Hours.

CHE 2435 - Organic Chemistry II (202). This course is a continuation of Chemistry 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 (209). 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 macroeconomics 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 (210). 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 090 - Reading Improvement (DRE 090). This course is designed for students whose lack of reading ability is a barrier to academic success. Vocabulary building, improved comprehension and study skills necessary to cope with the quantity and quality of reading required of a college student are presented. This course is taken in conjunction with ENG 090. Three Semester Hours (nontransfer).

EPY 1213 - Developmental Reading - Improvement of Study (DRE 104). This course is designed to aid students improve their reading skills in both speed and comprehension and 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 (PSY 200). 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 (EDU 100). 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) (PSY 201). 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: Psychology 1513. EPY 2413 is for nursing students only. Three Semester Hours.

ENGLISH

ENG 090 - English. This course draws upon the areas of reading, writing, speaking, listening, vocabulary building and spelling. It is designed to meet the needs of the entering student who scores below 15 on the standard composite score in the English Division of the American College Test. The dual objectives of English 090 are to provide the needed communication skills and the general education background for the terminal student and to prepare the prospective transfer student for English 1113. Three Semester Hours (nontransfer).

ENG 1113A - 1123A - English (100A - 101A). This course is presently designed for students scoring above the 75 percentile (College Bound Norms) in the English section of the ACT. The basic requirements of reading, writing, speaking, listening, vocabulary building, elementary research, and critical analysis are supplemented to further develop the initiative, resourcefulness, and creativity of the student. Since more sophisticated writing and additional reading are required throughout the year, the course may eventually lead to the establishment of an Honors Course. Three Semester Hours Each.

ENG 1113B - 1123B - English Composition (100B - 101B). This course, a basic requirement in any college curriculum, draws upon the areas of reading, writing, speaking and listening, vocabulary building, elementary research and critical analysis. Three Semester Hours Each.

ENG 2213 - American Literature, A Survey (203). 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 2233 - 2243 - English Literature I, II (200 - 201). 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. Three Semester Hours Each.

ENG 2223 - Survey of World Literature (202). This study is based on selections from 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.

ENGINEERING

EGR 2413 - Engineering Mechanics (EN 201). Prerequisite: Credit or enrollment in Calculus I. Three lectures vector Algebra; Newton's Laws; Equilibrium conditions for particles and rigid bodies; Analysis of structures. Four Semester Hours.

EGR 2423 - Electric Circuit. 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.

EGR 2433 - Mechanics and Materials. Prerequisite: Engineering Mechanics (EGR 2413), three lectures, vector Calculus; Newton's Laws; Motion of particles and rigid bodies; Work and Energy.

GEOGRAPHY

GEO 1113 - World Geography (GHY 104). 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 (IED 100). 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 (IED 101). This course offers advanced study of working drawings, detail and assembly, requiring self-reliance in the selection of views, sheet layout and manner of representation. Neatness, accuracy and economy of time are stressed. Six laboratory periods per week. Two Semester Hours.

GRA 2253 - Descriptive Geometry (EN 200). 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 1213 - Water Safety and Life Saving (PED 102). 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 (HTH 102). 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 1411 - Driver Training (PED 100). 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 (HTH 104). The function of the human body as related to problems of health and disease. Three Semester Hours.

HPR 1313 - Introduction to Physical Education (PED 202). A complete survey is made of the history, objectives, methods, psychology and philosophy of physical education. Three Semester Hours.

HPR 2323 - Recreation Leadership (REC 200). 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, 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.

HISTORY

HIS 1113 - Survey of World History to 1648 (102). 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 (102). 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 (200). 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 (201). A continuation of American History beginning with the Reconstruction Era and traces the nation's development to the present. Three Semester Hours.

HOME ECONOMICS

HEC 1213 - Food Selection and Preparation (100). This course involves the study of nutrition as related to the body: the appreciation of principles in planning and preparing and serving meals suitable for family needs. One lecture and four laboratory periods per week. Three Semester Hours.

HEC 1313 - Elementary Clothing (101). 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 (200). This is a continuation of Food Study 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 (102). This course is designed to meet the needs of girls in terminal programs and non-homemaking majors. The content of the course deals with all areas of home life essential to successful living. Two hours of lecture per week and a four week period of practical experiences in family group living. Three Semester Hours.

INDUSTRIAL EDUCATION AND INDUSTRIAL ARTS

IED 1213 - Woodwork I (102). 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 (103). This is a continuation of IED 1213 Woodwork with an emphasis on the use of various power tools and the development of skill in planning, designing and finishing materials of wood. One lecture and four laboratory periods per week. Three Semester Hours.

IED 2313 - General Metal Work (200). 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 090 - Basic Mathematics. A course dealing with the fundamentals of mathematics, designed for those students who are weak in mathematics and wish to prepare themselves for the ordinary college mathematics courses. This course is for non-transferable credit only. Three Semester Hours.

MAT 1111 - Slide Rule (105). 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 (100). A survey of the fundamental principles underlying mathematics, with a brief introduction to the topics of set

theory, elementary logic, geometry, numeration, the number concept and number systems, and equations and functions. This course will satisfy the mathematics requirement for elementary education majors. Three Semester Hours.

MAT 1233 - Intermediate Algebra (101). The first course in basic college algebra; it begins with the fundamental notions of mathematics, progresses through solutions of linear equations and introduces quadratic equations. Three Semester Hours.

MAT 1313 - College Algebra (102). A continuation of MAT 1233 Mathematics; it reviews quadratic equations and advances through more complex algebraic topics. Prerequisite: MAT 1233 Intermediate Algebra or two years of high school algebra. Three Semester Hours.

MAT 1323 - Trigonometry (102). 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 College Algebra. Three Semester Hours.

MAT 1815 - Calculus I (200). 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 College Algebra. Five Semester Hours.

MAT 2425 - Calculus II (201). A continuation of MAT 1815 with emphasis on the techniques of integration, partial differentiation. Five Semester Hours.

MAT 2433 - Calculus III (202). This course is a continuation of MAT 2425 Mathematics covering applications of integration and infinite series. Three Semester Hours.

MAT 2253 - Differential Equations (203). This course consists of the development and solutions of differential equations, some partial differential equations and solutions in series. Three Semester Hours.

MODERN FOREIGN LANGUAGES

MFL 1114 - Elementary French I(FRE 100). An oral-aural approach stressing conversation, pronunciation, comprehension, reading, writing and functional grammar, with emphasis on the practical aspects of the language. A modern language laboratory is used extensively. Four Semester Hours.

MFL 1124 - Elementary French II (FRE 101). Continuation of MFL 1114. Five lecture and two language laboratory hours. Prerequisite: MFL 1114. Four Semester Hours.

MFL 1214 - Elementary Spanish I (SPA 100). An oral-aural approach stressing conversation, pronunciation, comprehension, reading and functional grammar, with emphasis on the practical aspects of the language. A modern language laboratory is used extensively. Five lecture and two language laboratory hours. Four Semester Hours.

MFL 1224 - Elementary Spanish II (SPA 101). Continuation of MFL 1214. Five lecture and two language laboratory hours. Prerequisite: MFL 1214. Four Semester Hours.

MFL 2114 - Intermediate French I (FRE 200). Continuation of MFL 1224. Five lecture and two language laboratory hours. Prerequisite: MFL 1114 and 1124 or two years high school French. Four Semester Hours.

MFL 2124 - Intermediate French II (FRE 201). Continuation of MFL 2114 with additional literary and cultural readings and compositions. Review of essential elements of grammar. Five lecture and two language laboratory hours. Prerequisite: MFL 2114. Four Semester Hours.

MFL 2214 - Intermediate Spanish I (SPA 200). Continuation of MFL 1224. Five lecture and two language laboratory hours. Prerequisite: MFL 1214 and MFL 1224 or two years high school Spanish. Four Semester Hours.

MFL 2224 - Intermediate Spanish II (SPA 201). Continuation of 2214 with additional literary and cultural readings and compositions. Review of essential elements of grammar. Five lecture and two language laboratory hours. Prerequisite: MFL 2214. Four Semester Hours.

MUSIC

MUS 1133 - Fundamentals of Music (117). 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 (118). This course is designed for the beginning student of voice and will give a general knowledge of the principles of good singing. It is open to all students. Two Semester Hours.

MUS 1113 - Music Appreciation (104). 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 every-day living. Three Semester Hours.

MUS 1214 - 1224 - Music Theory I, II, (100 - 101). 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 (105 - 106). 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 (107 - 108). 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 (109 - 110). 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 (111 - 112). 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 (115 - 116). The college band is open to any student displaying adequate technique. Its purpose is to provide color and atmosphere to athletic and community events as well as developing skills and an understanding of music literature. One Semester Hour Each.

MUS 1811 - 1821 - Choir I, II (113 - 114). Mixed choir is open by audition to all students. It develops an understanding and appreciation of music through active participation, as well as enhancing the cultural environment of the college community through concerts and special performances. One Semester Hour Each.

MUS 2113 - 2123 - Music History I, II (202 - 203). The development of music is traced, beginning with primitive nations, early Christian liturgy; the

development of polyphony; the rise of opera, oratorio and cantata, the Baroque, Classical, Romantic eras as well as trends in modern musical composition. Three Semester Hours Each.

MUS 2133 - 2143 - Music Literature I, II (101 - 102). 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 (200 - 201). A continuation of Music Theory 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 (205 - 206). A continuation of Piano 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 (209 - 210). A continuation of Voice 1452 - 1462 with materials including arias from standard operas and oratorios.

MUS 2531 - 2541 or 2532 - 2542 - Band Instruments III, IV (211 - 212). A continuation of Instrumental Music 1532 - 1542 using materials of a more advanced nature.

MUS 2711 - 2721 - Band III, IV (215 - 216). A continuation of Band 1711 - 1721. One Semester Hour Each.

MUS 2811 - 2821 - Choir III, IV (213 - 214). A continuation of Choir 1811 - 1821. One Semester Hour Each.

MUS 2913 - 2923 - Music for Children I, II (207 - 208). 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 (REL 113). This course is designed to give the student a basic foundation in the study of the Old Testament. Attention will be given to the historical setting of each book with emphasis on Hebrew custom and ritual. Some time will be spent teaching the importance of the Old Testament in an understanding of the New Testament and fundamental principles of interpretation. Three Semester Hours.

PHI 1133 - New Testament Survey (REL 114). This study is for the purpose of giving the student a working knowledge and appreciation of the New Testament. It is basically a lecture course using the Bible as the text. Some attention will be given to the writing, preservation, and translation of the Scripture; the historical and geographical setting of each book; and the development of the Christian movement in the First Century. Three Semester Hours.

PHI 1153 - The Life of Christ (REL 204). This course is a complete study of the life of Christ as recorded in the Four Gospels (Matthew, Mark, Luke, and John) which will include a background study of the geographical, political, and social conditions of the world in Christ's day, His birth, His ministry, His teachings, His disciples, His death and resurrection, and influence upon the world. Three Semester Hours.

PHI 1163 - Acts and Epistles (REL 205). This course deals in detail with the life of the Apostle Paul as recorded in the book of Acts and with each of the Epistles which he wrote. Major attention will be given to Paul's three Missionary journeys. Three Semester Hours.

*Offered when staff is available.

PHI 2113 - Introduction to Philosophy (101). 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.

PHYSICS

PHY 2213 - 2223 - Physical Science Survey I, II (FPS 110 - 111). Courses in basic principles, methods, and theory of the physical sciences which include a general survey of chemistry, physics and earth sciences. 2213 is a prerequisite of 2223. These courses are designed to meet general educa-

tion 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 I (203). 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 (204). A continuation of Physics 2414 and deals 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 (GOV 100). This course is designed to familiarize the student with the development and organization of the Federal Government. Three Semester Hours.

SECRETARIAL SCIENCE

SEC 1113 - Elementary Typewriting (COM 104). 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 (COM 105). 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 (COM 100 - 101). 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 two 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 1312 - Principles of Filing (COM 102). 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 (COM 203). 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 (COM 204). 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 (COM 200 - 201). 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 Each.

SEC 2263 - Medical Shorthand and Terminology (COM 202). 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 (COM 205). 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 (COM 206). 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 (COM 216). 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, mimeoscopes, and copying machines. Prerequisite: Typewriting.

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SOCIOLOGY

SOC 1313 - Introduction to Law Enforcement and Criminal Justice (LEN 200). 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.

SOC 1323 - Police Organization and Administration (LEN 101). 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.

SOC 1333 - Police Organization and Administration II (LEN 102). 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.

SOC 1343 - Police and Community Relations (LEN 103). Current issues on relations between police and the community; emphasis upon the police officers role and influence in community relations, tensions and conflict and the problem areas of racial minority groups and juveniles. Three Semester Hours.

SOC 2113 - Introduction to Sociology (202). 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 (HEC 203). 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.

SOC 2333 - Criminal Investigation I (LEN 200). 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.

SOC 2413 - Administration of Criminal Justice (LEN 201). 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.

SOC 2343 - Criminal Investigation II (LEN 202). Use of scientific techniques in investigation; investigative problems in major crimes; arrests, apprehensions, and raids; fingerprinting, rules of evidence and testifying in court. Three Semester Hours.

SOC 2323 - Criminal Law (LEN 203). Survey of substantive criminal law as a means of attaining public and social order and the preservation and protection of life and property; historical and philosophical concepts; development, applications and enforcement. Three Semester Hours.

SPEECH AND THEATRE

SPT 1113 - Oral Communication (SPE 102). 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 (SPE 109). 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 (SPE 108). 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.

SPT 1213 - Fundamentals of Theatre (SPE 107). 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 (SPE 111). The purpose of this course is two-fold; first to give the student an understanding of the media so that he will become more appreciative and critical of television in the communication process; secondly, to give the student practical applications in commercial and educational television techniques. This course will be particularly valuable to Education, Language Arts, Speech and Drama, Art, Social Science, Pre-Law, Philosophy, and Radio/Television students. Two lecture and two laboratory hours per week. Three Semester Hours.

SPT 1611 - Parliamentary Procedure (SPE 110). The purpose of this course is to study parliamentary law, and to apply its principles. One Semester Hour.

SPT 1243 - Oral Interpretation (SPE 103). The mechanics of the interpretation of prose and poetry selections are applied in the presentation of selections for criticism given by the students. Sometimes called Oral Reading, this knowledge of interpretation will increase the reader's appreciation of all types of literature. This course is recommended for English majors, Education majors, Ministerial students and Pre-law students. Prerequisite: Oral Communication 1113. Three Semester Hours.

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

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

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

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

COURSES OFFERED BY MISSISSIPPI GULF COAST JUNIOR COLLEGE IN COOPERATION WITH AMERICAN INTERNATIONAL ACADEMY

II-D MODERN ODYSSEY: EUROPE & THE ADRIATIC

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 will be visits to many famous restaurants; such as "Plien Ceil" atop the Eiffel Tower, "Casina" in Rome, and "Cafe Royal" in London. Students will 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 will discover treasures that tumble out of Europe's market places, antique stalls, and boutiques in a fascinating way from British "gear" on Carnaby Street to Parisian chic boutiques on Faubourg-St. Honore. They will 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.

II-A EUROPE & THE 1972 OLYMPICS

HPR 1313 - Introduction to Physical Education. A complete survey is made of the history, objectives, methods, psychology and philosophy of Physical Education. Included in this course will be a two-week visit of the 1972 Summer Olympic Games in Munich, Germany. Three Semester Hours.

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

OCCUPATIONAL EDUCATION

It is recognized that preparation for many technical, trade, business, health and sub-professional occupations do not require four years of college preparation. It is within this concept that the following groups of programs have been developed. Individuals who successfully complete one of the following occupational education programs are prepared to seek full-time employment upon graduation.

GROUP VII TECHNICAL

Pre-Technical Programs

Individuals who make application to pursue a program of studies leading to the Associate of Applied Science Degree in: Drafting and Design Technology, Marine Drafting and Design Technology, Electrical Technology, Electronics Technology, Mechanical Technology, Metallurgical and Welding Technology, Quality Control Technology, Computer Programming Technology and Industrial Technology, but make less than 15 on the Mathematics section and/or English section of the ACT will pursue a one semester program of Pre-Technical Education. This program is designed to help remedy the student's deficiencies in Mathematics and/or English during the first semester.

In order to graduate at the end of two years Pre-Technical students must attend summer school following their freshman year.

COURSE DESCRIPTIONS

RT 090 - Technical Mathematics. This course deals with the fundamentals of technical mathematics and is designed for those students who are weak in mathematics and wish to prepare for entrance into one of the technical programs. Areas of mathematics such as: Operations with whole numbers, fractions, percentages, ratio and proportion, practical geometry, and an introduction to applied trignometry are covered. Time spent in this course will be devoted to remedying mathematical deficiencies of the student and is preparatory to Technical Mathematics, RT 110. This course is for non-transfer credit and does not contribute toward the Associate of Applied Science Degree except as an elective. Three Semester Hours.

EPY 090 - 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 090. Three Semester Hours (non-transfer).

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

DR 090 - Drafting Technology. A survey course in drawing designed for those students who are weak in the scholastic areas related to drafting. It is intended that this course hold the student's interest in drafting while academic deficiencies are being made up. This course covers areas of drafting that do not require a knowledge of higher mathematics. Areas covered include: lettering, use of drafting instruments, technical sketching, and elementary multiview drawing. Course is for nontransfer credit and does not contribute toward the Associate of Applied Science Degree except as an elective. One lecture and four laboratory periods per week. Three Semester Hours.

CT 090 - Computer Programming Technology. An introductory course in Computer Programming. This course will cover the historical development of the computer field as well as the most recent innovations. Latter part of the course will be devoted to an introduction to elementary program writing that does not require a knowledge of higher mathematics. It is designed to hold the student's interest while academic deficiencies are being made up. This course is for nontransfer credit and does not contribute toward the Associate of Applied Science Degree except as an elective. Three Semester Hours.

ET 090 - Electrical/Electronics Technology. A survey course without the necessity of a rigorus mathematical treatment. It is designed to hold the student's interest in electricity or electronics while academic deficiencies are being made up. Areas to be covered include: an introduction to electrical/electronics, sources of electricity; electrical circuits, magnetism, inductance, capacity, tuned circuits, vacumn tube circuits, and radio fundamentals. All the above subjects to be covered from the practical application standpoint. This course is for nontransfer credit, and does not contribute toward the Associate of Applied Science Degree except as an elective. One lecture and four laboratory periods per week. Three Semester Hours.

IT 090 - Introduction to Technology. An introductory course in metal processing. This survey course is designed for those students who are weak in the scholastic areas relating to Technology programs and is intended to hold the student's interest while academic deficiencies are being made up. This course is for nontransfer credit and does not contribute toward the Associate of Applied Science Degree except as an elective. One lecture and four laboratory periods per week. Three Semester Hours.

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 high school graduates, both men and women, (1) who want to become registered nurses, and (2) who wish to study in a college setting where they can share the same responsibilities and privileges as other college students.

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

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

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

Clinical experiences in the hospitals are planned as part of the college courses in nursing. These experiences are under the direction of the college instructors of nursing and are selected to correlate nursing practice with current lectures in nursing. Graduates of the program are eligible to 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 to you.
5. Completed application to the respective Campus and the necessary fee paid.
6. High school transcripts or acceptable G.E.D. scores on file. If you have attended a college or nursing program, those transcripts must also be on file.
7. Each student must have an interview with the chairman of the nursing department and one of the college counselors.
8. Pre-registration is required. The above requirements must be completed by August 1.

PROMOTION POLICIES - All students enrolled in the Associate Degree Nursing program must earn at least sixty-five (65) academic semester hours with a quality point average of 2.0 on all academic hours attempted. A 2.0 quality point average is expected in the major area - nursing. A quality point average below 2.0 (grade of D or less) in one course of Nursing Science carrying 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. Two (3 hour) laboratory periods a 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. Two (3 hour) 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. Three hours lecture per week. Twenty hours laboratory per week. Prerequisites: NR 121 and EPY 1513 and BIO 2924. Three Semester Hours.

NR 221 - Nursing Science. Nursing is approached through the study of meeting individual needs during normal and abnormal phases of pregnancy, labor, delivery and puerperium. Study and care of the normal and abnormal child from the new-born period through twelve years. Visits to pre-natal and post-natal clinics, well-baby immunization clinics and nursery schools are made. Six hours lecture per week. Twelve hours laboratory per week. Prerequisites: NR 121, BIO 1523 and 2924. Ten Semester Hours.

NR 222 - 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. Prerequisites: NR 221. Ten Semester Hours.

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

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 1214, 1224	Accounting	4	4
MAT 1233	Algebra (or Algebra 1313, or Trigonometry 1323)	3	
EDP 1314	Basic Data Processing	4	
BAD 1323	Math of Finance		3
EDP 1323	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	4	
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 1314 - Basic Data Processing (IBM 119). 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. Three lecture and two labs per week. Four Semester Hours.

EDP 1323 - RPG Programming (IBM 120). The first phase of the course teaches the student computer concepts, terminology, and theory of modern com-

puters. The second phase teaches RPG (Report Program Generator) programming language, compilation techniques with problems utilizing the RPG language and the 1130 Computing System. Prerequisite: Basic Data Processing 1315. Three Semester Hours.

EDP 1214 - Fortran Programming (IBM 213). Gives the student a basic understanding of the numerical solution of problems using the FORTRAN language. The emphasis is on carefully selected and highly practical methods for handling a variety of statistical and accounting problems. Prerequisite: RPG Programming 1323. Three lecture and two labs per week. Four Semester Hours.

EDP 2123 - Systems Design and Development (IBM 214). 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 1215. Three Semester Hours.

EDP 2114 - Cobol Programming (IBM 215). 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 1215. Three lecture and two labs per week. Four Semester Hours.

COMPUTER PROGRAMMING TECHNOLOGY

(Jackson County Campus - Three Year Terminal)

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

The computer programming technologist will have a broad background in mathematics, engineering and business principles. He will have the background for problem understanding and communication in all areas in which he may be contacted for assistance in application of data processing or engineering technical systems.

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

			SEMESTER HOURS	
FIRST YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107	Technical Drawing	2	
CT	100	Computer Logic and Basic Programming	4	
RT	109	Electronic Drafting		2
CT	101	Programming		4
RT	204	Foundations of Business		3
		Elective*	3	
SECOND YEAR				
RT	202, 203	Technical Communications	2	1
RT	212	Technical Mathematics	3	
ACC	1214	Accounting	4	
CT	201	Programming	4	
RT	115, 116	Technical Physics	3	3
EPY	1513	General Psychology		3
CT	203	Principles of Cost Accounting		4
CT	202	Electronics of Computers		4
CT	204	System Analysis Concepts		3
THIRD YEAR				
ECO	2113	Economics	3	
CT	302	Organization & Management of a Computer Center	3	
CT	303	Industrial Relations	3	
CT	304	Production and Inventory Control	3	
CT	305	Computer Applications	3	
BAD	2413	Business Law	3	

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

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

CT 101 - Programming. An introduction to Business Oriented Computer concepts. The students learn how to use the machine language and assembler techni-

ques which will allow the establishment of a firm Programming foundation. Three lecture and two laboratory hours per week. Prerequisite: CT 100 Computer Logic and Basic Programming. Four Semester Hours.

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

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

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

CT 203 - Principles of Cost Accounting. An understanding of the basic concept of the cost accounting function within a manufacturing organization is the objective of this course. Material costs, labor costs, manufacturing overhead and marketing costs that enter the cost accounting system are treated in detail. Three lecture and two laboratory periods per week. Prerequisite: ACC 1214 Principles of Accounting. Four Semester Hours.

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

CT 303 - Industrial Relations. The student is introduced to personnel problems, union relations, and general public relations required in all businesses.

Special attention is given to union structure and philosophy especially in those areas the Programmer, during the normal course of programming would encounter. Prerequisite: RT 204 Foundations of Business. Three Semester Hours.

CT 304 - Production and Inventory Control. The student will become familiar with the basic of planning and scheduling which include Gantt Charting and the applications of Critical Path Planning (PERT). Also included will be the basic concepts of Inventory Control which involves economic order points, maximum minimum balances, and the general applications of Computers in stock control. Prerequisite: RT 204 Foundations of Business. Three Semester Hours.

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

DISTRIBUTION AND MARKETING TECHNOLOGY

(Jefferson Davis Campus - Two Year Terminal)

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

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

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

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

		SEMESTER HOURS	
FRESHMAN YEAR		1 Sem.	2 Sem.
ENG 1113, 1123	English	3	3
BAD 1113	Introduction to Business	3	
MAT 1213	College Arithmetic	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 1214	Accounting	4	
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 - General Psychology 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 preparations. Three Semester Hours.

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

DMT 103 - Occupational Orientation. 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. This may be individual or group participation. One hour recitation a week and a minimum of 15 hours on-the-job training as a laboratory work experience is required. Three Semester Hours.

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

DRAFTING AND DESIGN TECHNOLOGY

(All Three Campuses - Two Year Terminal)

The Drafting Technology Curriculum will develop students with the following:

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

–an orientation to an industrialized society.

–essential knowledge and skills required for efficient and productive performance in the Drawing and Design phase of the industrial world.

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

			SEMESTER HOURS	
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 & Strength of Materials		5
DR	206	Map and Topographical Drafting		3
DR	213	Introduction to Steel Shipbuilding & Blueprint Reading		3
HPR		Physical Education	1	1

*MT 129 is taken by the students attending Jefferson Davis Campus instead of RT 211.

DR 110 - Fundamentals of Drafting. This course is designed to provide fundamental knowledge of the principles of drafting as well as skill in the basic techniques of using drafting room equipment. It covers such topics as lettering, inking, geometric construction, sketching, orthographic projections, pictorial drawing, dimensioning section and simple scale drawings. Two lecture and six laboratory periods per week. Five Semester Hours.

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

DR 205 - Basic Architectural Drafting and Design. Instruction is given in the basic principles of design and planning for residential work. A complete set of plans for a residence or other small building is developed by each student. Building code requirements, utility application, and proper selection of construction materials must be observed in planning. Two lecture and six laboratory periods per week. Prerequisite: DR 111 - Machine Drafting and Design. Five Semester Hours.

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

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

DR 212 - Structural Drafting and Strength of Materials. This course is designed to give basic understanding of the strength of materials. It covers the following topics: simple stresses, strains, physical characteristics of materials, reactions, moments of inertia, and deflections, application to machine parts and structural parts. Problems in structural detailing and design involving the drawing of beams, columns, connections, tresses and braces. Two lecture and six laboratory periods per week. Prerequisite: DR 111 - Machine Drafting and Design. Five Semester Hours.

DR 213 - Introduction to Steel Shipbuilding and Blueprint Reading. This course is designed to give the student an understanding of the ship as a whole and acquaint him with actual working drawings of a ship. Class work involves both research and drawing. Two lecture and two laboratory periods per week. Prerequisite: DR 111 - Machine Drafting and Design. Three Semester Hours.

ELECTRICAL TECHNOLOGY PROGRAMS

(Jackson County Campus - Two Year Terminal)

The technologies offered under this program are: Light Construction Electrical Technology, Heavy Construction Electrical Technology, Marine Electri-

cal Technology, Electrical Appliance Technology, Electrical Heavy Machinery Technology, Electrical Power Distribution Technology, Electrical Power Generation Technology.

These programs grant an Associate of Applied Science Degree and are not specifically designed for transfer to a senior college. Where a transfer is planned, senior college and university catalogs should be checked for validation.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107	Technical Drawing	2	
ET	100	Basic Electricity	3	
ET	101	Circuit Analysis	4	
RT	208	Industrial Relations	3	
ET	109	Electrical/Electronics Drafting		2
MT	126	Manufacturing Processes		4
ML	101	Welding Processes		3
SOPHOMORE YEAR				
RT	202, 203	Technical Communications	2	1
RT	115, 116	Technical Physics	3	3
EE	201	Electrical Control Circuits	3	
RT	212	Technical Mathematics	3	
EE	202	Power Generation and Distribution	4	
ECO	2113T	Principles of Economics	3	
EE	203	Power Instrumentation and Automation		3
EE	204	Transformer Applications		3
RT	204	Foundations of Business		3
EE	205	National Electrical Code		1
EE	206	Light Electrical Construction*		
EE	207	Heavy Electrical Construction*		
EE	208	Marine Electrical Construction*		
EE	209	Appliance Repair*		
EE	210	Heavy Electrical Machinery Installation & Repair*		
EE	211	Electrical Power Distribution*		
EE	212	Electrical Power Generation*		

*In their fourth semester students will make a selection from these courses in order to place emphasis on the area of electrical work in which specialization is desired.

EE 201 - Electrical Control Circuitry. This course treats analysis of existing designs utilizing control transformers, solenoids, timing devices, error signals, feedback loops, synchros, servos, relays, their functions, and how they operate. Two lecture and two laboratory hours per week. Three Semester Hours.

EE 202 - Power Generation and Distribution. Types and characteristics of DC generators, AC generators, regulators, switchgear, transformers and distribution centers are demonstrated. Generator and distribution load analysis, demonstration of generator droop, power factor measurements, and simple power factor corrections are calculated and understood. Three lecture and two laboratory hours per week. Four Semester Hours.

EE 203 - 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 204 - 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, hystersis effects, and lamination specifications are emphasized. Two lecture and two laboratory hours per week. Three Semester Hours.

EE 205 - National Electric Code. This course is to train students in city, county, state, and national electric codes governing the installation of electrical appliances wiring, raceway installations, service installations, building installations, hazardous area installations, and all other areas covered by safety regulatory codes on electrical work. One Semester Hour.

EE 206 - Light Electrical Construction. This course is designed to teach electrical systems, and the installation thereof on 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.

EE 207 - Heavy Electrical Construction. This course is designed to teach 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 208 - 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, auxilary systems common to shipboard electrical systems. One lecture and four laboratory hours per week. Three Semester Hours.

EE 209 - 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 210 - 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 211 - 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 212 - Electrical Power Generation. This course is designed to train a specialist 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.

ELECTRONICS TECHNOLOGY

(Jackson County Campus - Two Year Terminal)

Typical employment opportunities will include: RADAR TECHNICIAN, SONAR TECHNICIAN: COMMUNICATIONS TECHNICIAN - Marine, Industrial, Radio, or TV Control Room Operator, Instrumentation Technician, Electronic Computer Technician; Radio Station Engineer, Assistant Engineer (with FCC

license); Electronic Associate Engineer, or Assistant, Technical Writer, Instrument Calibration Technician, Technical Sales Representative, Electronic Lab Technician (Prototype and Test-Analysis) Electronic Installation Supervisor Radar-Sonar-Communications-etc.

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

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107	Technical Drawing	2	
ET	100	Laboratory Processes	3	
ET	101	Basic Electricity DC & AC	4	
ET	102	Electrons Theory		3
ET	103	Special Circuit Design and Analysis		3
ET	109	Electronic Drafting		2
RT	204	Foundations of Business		3
		Elective*	3	
SOPHOMORE YEAR				
RT	115, 116	Technical Physics	3	3
RT	202, 203	Technical Communications	2	1
RT	212	Technical Mathematics	3	
ET	201	Transmitter and Receiver Theory	3	
ET	202	Semiconductors and Applications	3	
ET	203	Industrial Electronics Instrumentation	3	
ET	204	Circuit Tracing		3
ET	205	Systems Concepts		4
ET	206	UHF and Microwaves		3
ET	207	Research Project		2
ET	208	Applications of Computer Logic		3

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

ET 100 - Laboratory Processes. A study of the materials of electricity/electronics, their properties and use. Component installation practices, soldering technique, (standard-NASA and Gold Welding) heat dissipation and cautionary

measures. This course familiarizes the student with specialized tools and instruments, component characteristics, and safety. Two lecture and two laboratory hours per week. Three Semester Hours.

ET 101 - Basic Electricity AC and DC. A study of cells, generation, distribution, power, storage, capacity ohms and watts law. Generation, transformation, inductance, capacitance, hystersis, and transmission of AC power. Three lecture and two laboratory hours. Four Semester Hours.

ET 102 - Electrons Theory. This course introduces rectification, amplification and elementary circuits involved in vacuum tube theory. Diodes, triodes, multi-element circuits involved in vacuum tube theory. Diodes, triodes, multi-element tubes, bias, classed of operation and power applications are treated in detail. Two lecture and two laboratory hours per week. Prerequisite: ET 101 Basic Electricity AC and DC. Three Semester Hours.

ET 103 - Special Circuit Design and Analysis.This course begins with wave shaping and forming networks, limiters, clampers, and time constants. Signal generation circuits, multivibrators, and other complex waveforms provide the student with electronic timing and sampling techniques and introduces him to telemetry, big sampling, television display and oscilliscope functions and use. Two lecture and two laboratory hours per week. Prerequisite: ET 100 Laboratory Processes. Three Semester Hours.

ET 109 - Electronic Drafting. This course provides a working knowledge of electronic symbols and connectors, circuit schematics, cabling, wire lay-outs, and checking, as well as block diagrams and module representation as used in the several current techniques. Prerequisite: RT 107 Technical Drawing. Four laboratory periods per week. Two Semester Hours.

ET 201 - Transmitter and Receiver Theory. Basic oscillators are evolved through frequency multiplication, amplification, transmission, and radiation via antennas. Antenna and transmission line theories are introduced, and wave length relationships are established. Modulation methods and types are shown. Basic receivers are evolved, and detailed through superheterdyne, with AM, FM, single sideband demodulation demonstrated. Television is introduced. Frequency synthesis is related to generation and multiplication. Two lecture and two laboratory hours per week. Prerequisite: ET 103 Special Circuit Design and Analysis. Three Semester Hours.

ET 202 - Semiconductors and Applications. This course is designed to provide fundamental knowledge of semiconductor principles, including the theory and operation of transistors, solid state rectifiers, controlled rectifiers,

available diodes, voltage regulator circuits, switching modes amplifiers, microminiaturization, thin film circuitry, and photoluminescent readout devices. Two lecture and two laboratory hours per week. Prerequisite: ET 102 Electron Theory and ET 103 Special Circuit Design and Analysis. Three Semester Hours.

ET 203 - Industrial Electronics and Instrumentation. This course demonstrates recording, measuring, controlling, and analyzing equipment used in automation and non-destructive testing. It details stain gages, PH meters, ultrasonics, and transducers used in industry, and provides a block diagram understanding of electrical/electronic quality control instruments. Two lecture and two laboratory hours per week. Prerequisite: ET 102 Electron Theory and ET 103 Special Circuit Design and Analysis. Three Semester Hours.

ET 204 - Circuit Tracing. Symbology, cable tracing, color coding and component numbering systems, both military and civilian are explained. Circuits are analyzed with appropriate theory and test equipment to demonstrate signal-in, signal out values and waveforms. Course Goal: Circuit recognition, signal conditioning and evolution, and fault location through circuit and signal tracing. Two lecture and two laboratory hours per week. Prerequisite: ET 201 Transmitter Receiver Theory, ET 202 Semiconductors and Applications and ET 203 Industrial Electronics and Instrumentation. Three Semester Hours.

ET 205 - System of Concepts. This course provides knowledge and familiarization with basic electronic building blocks by function, and molds the student's thinking to the broad concept of useful applications. He learns to assemble individual functions into combinations that provide a useful result. Course Goal: Circuit recognition, familiarization, and application leading to system comprehension and creativity. Three lecture and two laboratory hours per week. Prerequisite: ET 201 Transmitter and Receiver Theory, ET 202 Semiconductors and Applications and ET 203 Industrial Electronics and Instrumentation. Four Semester Hours.

ET 206 - UHF and Microwaves. A summary of technique differences encountered in UHF and microwaves. This course teaches generation, coaxial transmission lines, klystrons, magnetrons measurements, receivers, directivity, and plumbing, as related to UHF and microwaves. Two lecture and two laboratory hours per week. Prerequisite: ET 201 Transmitter and Receiver Theory, ET 202 Semiconductors and Applications and ET 203 Industrial Electronics and Instrumentation. Three Semester Hours.

ET 207 - Research Project. An elementary thesis and research project demonstrating the construction and technical description of an original electronic device, employing several (3 or more) principles learned in ET 102, 103, 201, 202 or 205. The student without assistance (except advice, by appointment) assembles a demonstration unit and written report, with analysis of results. Prerequisite: ET 201 Transmitter and Receiver Theory, ET 202 Semiconductors and Applications and ET 203 Industrial Electronics and Instrumentation. Two Semester Hours.

ET 208 - Applications of Computer Logic. This course emphasizes the application of Computer Logic to industrial process Control and Automation. Solid state gating circuitry, multivibrators, counters, boolean algebra and switching circuit are applied throughout the course. Three Semester Hours.

HOTEL, MOTEL & RESTAURANT OPERATION

(Jefferson Davis Campus - Two Year Terminal)

The curriculum is 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 of 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	Quantity 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	
COM 206	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 - Basic Food Preparation. Four Semester Hours.

HMR 102 - Food Service in Institutions. Meal planning and service planning including serving menus for all phases of food service–snack bar, cafeteria, coffee shop, restaurant and banquet. Making production schedule and order list. Attention to be given to use of equipment, personnel, operation reports, and portion control. Care and maintenance of equipment. Three lectures each week. Three Semester Hours.

HMR 105 - Hotel-Motel Front Office Procedures. A detailed study of the functions pertaining to Front Office operation. An interpretation of internal systems and an understanding of the duties of Room Clerk, Reservation Clerk, Mail Clerk, Cashier, Night Auditor, and Service. Student projects and field trips required. Three lectures each week. Three Semester Hours.

HMR 106 - Hotel-Motel-Restaurant Accounting. A detailed study in accounting and systems as identified with the industry. Interpretation and value of

cost controls, taxes, licenses and regulations of beverages. Inventory controls. Three lectures each week. Three Semester Hours.

HMR 107 - Hotel-Motel-Restaurant Safety and Sanitation. Study of the various aspects of accident. Causes and prevention of accidents in the hospitality industry. Cause and prevention of food borne disease. Effective methods and sanitary controls for operation of food establishments. One two-hour lecture each week. Two Semester Hours.

HMR 110 - Orientation for the Hospitality Industry. A seminar type course of lectures and discussions on opportunities, trends, problems and organizations in the hospitality field. Guest speakers from the industry to address the class on current problems and opportunities. One two-hour lecture each week. Two Semester Hours.

HMR 200 - Administrative Housekeeping. Familiarization with duties and responsibilities of housekeeping. Organization, comprehension, schedules, pars, laundry operation, maintenance, etc. Student projects. Three lectures each week. Three Semester Hours.

HMR 201 - Profits through Promotion. A study of methods used to promote a facility. Creative Thinking and Brainstorming. Familiarization with trade journals, Hotel Red Book, etc. Student Projects. Three lectures each week. Three Semester Hours.

HMR 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.

INDUSTRIAL TECHNOLOGY

(Jackson County Campus - Two Years)

The Industrial Technology curriculum should develop individuals with the following:

–an ability to use physics and mathematics such as algebra, trigonometry as tools to 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 properties of materials commonly 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 all operations from the raw materials to the finished product.

–a knowledge of business and industrial relations principles and their application.

TYPICAL FIELDS OF EMPLOYMENT OPPORTUNITIES INCLUDE: RESEARCH ASSISTANT, PRODUCTION SUPERVISOR, ENGINEERING ASSISTANT, TECHNICAL WRITER, INSPECTOR, PRODUCTION PLANNER, JOB PLANNER, JOB ESTIMATOR, MACHINE AND TOOL DESIGNER.

This curriculum grants an Associate of Applied Science Degree, and is not specifically designed for transfer to a senior college. Where transfer is planned senior college and university catalogs should be checked for validation.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107, 108	Technical Drawing	2	2
DR	213	Introduction to Steel Shipbuilding & Blueprint Reading	3	
RT	208	Industrial Relations	3	
IT	124	Manufacturing Processes	4	
IT	125	Engineering Materials		3
ML	101	Welding Processes		3
IT	127	Hydraulics & Pneumatics		3
SOPHOMORE YEAR				
RT	212, 203	Technical Communications	2	1
RT	115, 116	Technical Physics	3	3
RT	211	Metal Processing	3	
ML	100	Metallurgy	3	
IT	222	Industrial Inspection Methods	3	
QC	201	Statistics and Quality Control	3	
IT	226	Process Planning and Production Problems		3
DR	212	Structural Design & Strength of Materials		5

RT	204	Foundations of Business	3
DR	211	Basic Automated Drafting	3

IT 124 - Manufacturing Processes. This introductory course in production processes includes theory and application in the following pipe fabrication and sheetmetal fabrication subjects: Pipe fabrication-basic blueprint reading for pipefitting; pipe assembly sketches; symbol interpretation; note interpretation; systems diagrams and piping arrangements; use of pipefitting hand-tools; bending machine; joint design; pipe materials; components starting from simple sub-assemblies to complex configurations; pipe station work and ship mock-up is also included; techniques and fundamentals of burning, brazing soldering, and tack welding. Sheetmetal fabrication - interpretation of shapes; identification of lines, basic views; scales; dimensions; elevation views; structural details; interpretation of symbols; constructive geometry; radial line development; triangulation and ductwork; measuring instruments; shop layout; hand processes; machine processes; safety. Two lecture and six 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 127 - Hydraulic and Pneumatics. This course covers introduction to hydraulics, principles of hydraulics in physics; fluids and piping; hydraulic pumps; hydraulic motors; control values and gaging; accessory equipment; hydraulic circuit system designs; pneumatic powerunit; 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 222 - Industrial Inspection Methods. This course covers a study of the need and function of inspection in industry, the use of specifications, tolerances and allowances, and standard as an aid to the inspector, basic principles and techniques of measurement, fixed gages, surface plate methods and equipment, and Mechanical Indicating Equipment. Prerequisite: IT 126 Manufacturing Processes. Three Semester Hours.

IT 226 - Process Planning and Production Problems. This course covers cost estimating methods; estimating requirements; cost estimating elements; production activities; production control. Two lecture and four laboratory periods per week. Four Semester Hours.

LAW ENFORCEMENT

(Jefferson Davis Campus - Two Years)

The two year Associate Degree program in Law Enforcement is balanced between basic general education courses, common to all college programs, and requirements in administrative and specialized law enforcement courses. The program is designed to meet the needs of various law enforcement agencies and to provide the student with the knowledge and attitudes he needs to be an effective professional law enforcement officer in modern society. It provides a complete program for those students intending to earn the Associate Degree and will enable students to transfer into a bachelor's degree program if desired.

		SEMESTER HOURS	
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
SOC 1313	Introduction to Law Enforcement & Criminal Justice	3	
SOC 1323, 1333	Police Organization & Administration	3	3
SOC 1343	Police & Community Relations		3
HPR	Physical Education	1	1
SOPHOMORE YEAR			
HIS 2213	American History		3
SPT 1113	Speech	3	
BAD 1313	Business Mathematics		
	or		
MAT 1233	College Algebra		
SOC 2333	Criminal Investigation I	3	
SOC 2413	Administration of Criminal Justice		3
SOC 2333B	Criminal Investigation II		3
SOC 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 can be taken from the following areas: SOC 1353 Internship in Law Enforcement; SOC 2513 Law Enforcement and the Juvenile; HPR 1213 Health; BAD 1113 Introduction to Business; ECO 2113 Economics; BAD 2513 Principles of Management; BAD 2413 Business Law; HIS 2223 American History Since 1865; PHI 2113 Introduction to Philosophy.

SOC 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.

SOC 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.

SOC 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.

SOC 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.

SOC 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.

SOC 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.

SOC 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.

SOC 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.

SOC 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.

SOC 2513 - Law Enforcement and the Juvenile. The role of police in juvenile delinquency and control. The organization, functions and jurisdiction of juvenile agencies; the processing and detention of juveniles; juvenile case disposition and juvenile statutes and court procedures. Three Semester Hours.

MARINE DRAFTING & DESIGN TECHNOLOGY

(Jackson County Campus - Two Years)

Drafting and Design Technology students who desire a more specialized program in the Marine Drafting and Design field, may elect to follow a pattern of courses as outlined below.

The Marine Drafting and Design Technology curriculum will develop students with the following:

–technical knowledge sufficient to translate sketches into working drawing in the fields of Hull, Machine, Marine Piping, Sheetmetal, and Electrical/Electronics work.

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

–an orientation to an industrialized society.

This curriculum grants an Associate of Applied Science Degree and is not specifically designed for transfer to a senior college. Where a transfer is planned, senior college and university catalogs should be checked for validation.

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

PSC	113	Government	3	
RT	211	Metal Processing	3	
DR	110	Fundamentals of Drafting	5	
RT	113	Descriptive Geometry		3
DR	111	Machine Drafting		5
ET	109	Electrical/Electronics Drafting		2

SOPHOMORE YEAR

RT	202, 203	Technical Communications	2	1
RT	115, 116	Technical Physics	3	3
DR	208	Hull Drafting & Design	5	
DR	209	Technical Illustration	3	
DR	210	Marine Piping & Sheetmetal Drafting	3	
DR	211	Basic Automatic Drafting		3
DR	212	Structural Design & Strength of Materials		5
RT	204	Foundations of Business		3
DR	213	Introduction To Steel Ship-building & Blueprint Reading		3

MEDICAL LABORATORY TECHNOLOGY

(Jackson County Campus - Two Years)

This program of twenty-one months duration is offered in affiliation with the Veterans Administration Hospital, Biloxi, Mississippi. Students who successfully complete this program are prepared for employment in hospitals and medical offices as Medical Laboratory Technicians.

The Clinical Laboratory at the Veterans Administration Hospital, in which students gain their clinical laboratory experience, is recognized as an extended campus of the college. The Medical Laboratory Technology Instructor is assisted and advised by an Advisory Committee composed of Pathologist, Medical 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 MT's.

The details of this program 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 of Applied Science Degree and is not specifically designed for transfer to a senior college. Where a transfer is planned, senior college and university catalogs should be checked for validation.

		SEMESTER HOURS	
FRESHMAN YEAR		1 Sem.	2 Sem.
RT 100, 101	Technical Communications	3	3
CHE 1513, 1523	Chemistry	5	5
BIO 1513, 1523	Anatomy and Physiology	3	3
RT 110	Technical Mathematics	3	
MLT 100	Medical Laboratory-Orientation and Ethics	2	
BIO 2924	Microbiology		4
MLT 101	Medical Laboratory Terminology		2
SUMMER			
MLT 200	Urinalysis & Parasitology	10	
SOPHOMORE YEAR			
RT 202	Technical Communications	2	
EPY 1513	Psychology	3	
CHE 2425	Chemistry	5	
ENG 2233	English Literature	3	
MLT 210	Medical Laboratory Mathematics	3	
MLT 211	Medical Laboratory Instrumentation	2	
MLT 220	Clinical Chemistry		5
MLT 221	Clinical Bacteriology and Micrology		3
MLT 222	Hemotology		4
MLT 223	Immunohematology		4

MLT 100 - Medical Laboratory Orientation and Ethics. General summary of diagnostic laboratory work. Rules and ethics of conduct in a hospital laboratory. Two Semester Hours.

MLT 101 - Medical Laboratory Terminology. General medical terms used in hospital laboratory, covering all departments. Two Semester Hours.

MLT 200 - Urinalysis and Parasitology. Study of the kidney and its functions, analysis of both normal and abnormal, chemical and microscopic elements in urine. A study of pathogenic parasites and their life cycles, demonstrations of ova and cysts. Five hours lecture per week for ten weeks and 30 hours practical laboratory work experience per week for ten weeks. Prerequisite: MLT 100, 101; BIO 102, 103, 106; CHE 104, 105. Ten 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. Three hours lecture per week for 18 weeks and 20 hours practical laboratory work experience per week for a six week period. Prerequisite: MLT 200, 210, 211. Five Semester Hours.

MLT 221 - Clinical Bacteriology and Mycology. Techniques and theory for the cultivation and identification of pathogenic bacteria and fungi. Two hours lecture per week for 18 weeks and 30 hours practical laboratory work experience per week for a 4 week period. Prerequisite: MLT 200, 210, 211. Three 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. Three hours lecture per week for 18 weeks and 30 hours practical laboratory work experience per week for a 4 week period. Prerequisite: MLT 200, 210, 211. Four Semester Hours.

MLT 223 - Immuhematology. Study of antibody formation and their reaction against specific antigens. Serology and blood banking procedures to be covered. Three hours lecture per week for 18 weeks and 30 hours laboratory work experience per week for a 4 week period. Prerequisite: MLT 200, 210, 211. Four Semester Hours.

MECHANICAL TECHNOLOGY

(Jackson County Campus - Two Years)

Typical employment opportunities include: ENGINEERING - Engineering Aide, Test Technician, Maintenance Inspection Technician, Maintenance Record Specialist; MAINTENANCE - Maintenance Technician, Maintenance Supply Technician, Maintenance Inspector, Preventive Maintenance Technician; PRODUCTION - Preventive Maintenance Inspector, Set up Technician, Machinist, Installation Technician.

This curriculum grants an Associate of Applied Science Degree and is not specifically designed for transfer to a senior college. Where a transfer is planned, senior college and university catalogs should be checked for validation.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107, 108	Technical Drawing	2	2
ML	101	Metallurgy	3	
IT	124	Manufacturing Processes	4	
MT	126	Manufacturing Processes		4
ML	101	Welding Processes		3
SOPHOMORE YEAR				
RT	202, 203	Technical Communications	2	1
RT	115, 116	Technical Physics	3	3
RT	212	Technical Mathematics	3	
MT	227	Manufacturing Processes	4	
IT	222	Industrial Inspection Methods	3	
ML	202	Materials Testing	3	
RT	204	Foundations of Business		3
IT	127	Hydraulics & Pneumatics		3
IT	226	Process Planning & Production Problems		3
DR	212	Structural Design & Strength of Materials		5

MT 126 - Manufacturing Processes. This course covers introduction to production processes; simple measuring tools; metal and plastic forming operations; machining and cutting tools; turning lathes; drilling machines; planning, shaping, and slotting machines, milling machines, foundry practices; foundry equipment; patterns; sands; molds and cores; post casting processes. Two lecture and four laboratory periods per week. Four Semester Hours.

MT 227 - Manufacturing Processes. This course covers broaching and sawing; grinding and finishing machines; turret and automatic lathes; automation and numerical control of machine tools; pipe fabrication; screw threads; gears and gearing; sheet metal manufacture by die stamping; and special process machines. Two lectures and four laboratory periods per week. Prerequisite: MT 126 Manufacturing Processes. Four Semester Hours.

METALLURGICAL AND WELDING TECHNOLOGY

(Jackson County Campus - Two Years)

Typical employment opportunities will include: Metallurgical; Metallurgical Laboratories Technician, Failure Analysis Test Work, Corrosion Control, Heat Treating, Metallurgical Process Development, Assistant to Metallurgical Engineer, Specification Writer, Laboratory Supervisor (with adequate experience). Welding; Welding Laboratory Technician, Welding Material Evaluation, Welding Process Developer, Inspection, Liaisons between production and Welding Engineer, Welding Instructor, Electrode Control Report Writing, Welding Supervision (with adequate experience).

This curriculum grants an Associate of Applied Science Degree and is not specifically designed for transfer to a senior college. Where a transfer is planned, senior college and university catalogs should be checked for validation.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107, 108	Technical Drawing	2	2
RT	130	Properties of Materials	5	
ML	100	Metallurgy	3	
ML	101	Welding Processes		3
IT	125	Engineering Materials		3
RT	204	Foundations of Business		3
SOPHOMORE YEAR				
RT	202, 203	Technical Communications	2	1
RT	115, 116	Technical Physics	3	3
ML	200, 201	Welding Processes	3	2
RT	212	Technical Mathematics	3	
ML	202	Materials Testing	3	
ML	203	Welding Design	3	
ML	204	Welding Metallurgy		5
ML	205	Metallurgical Processes		2
DR	212	Structural Design & Strength of Materials		5

ML 100 - Metallurgy. Basic Metallurgy. This course includes the study of equilibrium diagrams of common metals and alloys, metallurgy of ferrous metals, light metals, physical properties, microstructures, gain size, and heat treatment. Three Semester Hours.

ML 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.

ML 200 - Welding Processes. This course covers all techniques involved 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, submerged arc welding, electro slag welding and resistance welding techniques. One lecture and four laboratory hours per week. Three Semester Hours.

ML 201 - 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 two laboratory hours per week. Two Semester Hours.

ML 202 - Materials Testing. Destructive and nondestructive testing of common engineering materials, tensile and hardness tests, radiography, ultrasonics, dye penetrant, thermal, eddy current, practical uses in testing methods, metallorgraphy and statistical quality control. Two lecture and two laboratory periods per week. Three Semester Hours.

ML 203 - Welding Design. Elements of design for welding, calculation of stresses, welding techniques, processes, specifications. Three Semester Hours.

ML 204 - Welding Metallurgy. Welding methods and processes, temperature changes, weld metal structures, weld properties, fluxes, slag, shielding gases, techniques. Three lecture and four laboratory periods per week. Five Semester Hours.

ML 205 - Metallurgical Processes. Basic methods of metals processing such as ferrous and nonferrous foundry casting, forging, rolling, welding, riveting, heat treating and machining. One lecture and two laboratory periods per week. Two Semester Hours.

ORNAMENTAL HORTICULTURE

(Perkinston Campus - Two Year Terminal)

Ornamental Horticulture is the art and science of producing, processing, distributing, maintaining, and using ornamental plants. It includes landscaping

which is the art and science of selecting, arranging, planting, and caring for plant materials in the proper manner in order to enrich outdoor space for enjoyable use. Training in this field will enable the graduate to find employment in greenhouses and nurseries, turfgrass management with golf courses, parks and landscape concerns. Modern garden centers require trained persons for sales and services, as do landscape contractors.

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

		SEMESTER HOURS	
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 designated 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 Plant Materials I. 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 outdoor 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 Greenhouse and Nursery Management I. One hour lecture and four hours laboratory per week. 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 of 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 acetylene 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 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. 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 is the basic information and techniques dealing with artificial insemination of farm animals. Two hours lecture and two hours laboratory per week. Three Semester Hours.

QUALITY CONTROL TECHNOLOGY FABRICATION INDUSTRIES

(Jackson County Campus - Two Years)

Typical employment opportunities will include Quality Control Technician, Inspection Supervisor, Production Inspector, Test Report Writer, Statistic Test Recorder, Quality Auditing, Quality Testing Technician.

This curriculum grants an Associate of Applied Science Degree and is not specifically designed for transfer to a senior college. Where a transfer is planned, senior college and university catalogs should be checked for validation.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	107, 108	Technical Drawing	2	2

RT	130, 132	Properties of Materials	5	5
IT	124	Manufacturing Processes	4	
IT	125	Engineering Materials		3
RT	211	Metal Processing		3
SOPHOMORE YEAR				
RT	202, 203	Technical Communications	2	1
RT	115, 116	Technical Physics	3	3
QC	201, 202	Statistics and Quality Control	3	3
RT	212	Technical Mathematics	3	
ML	202	Materials Testing	3	
IT	222	Industrial Inspection Methods	3	
RT	204	Foundations of Business		3
ML	101	Welding Processes		3
DR	212	Structural Design and Strength of Materials		5

QC 101 - Manufacturing Operations in the Process Industry. Introduction to manufacturing principles such as heat transfer, evaporation, absorption, filtration, sedimentation, distillation, drying, flow of fluids and etc. Three Semester Hours.

QC 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.

QC 202 - Statistics and Quality Control. Special Control Chart methods for attributes and for variables, double and multiple sampling inspection; capability analysis cover aspects of life testing and reliability. Economic consideration of quality decisions. Prerequisite: QC 102. Three Semester Hours.

QC 203 - Quantitative and Instrumental Analysis. Fundamental techniques and principles of quantitative methods in inorganic chemistry; titrimetic, colorimetric, and gravimetric. Second half devoted to a study of capabilities and principles of instrumentation used in industrial quality control laboratories. Two lecture and four laboratory periods per week. Three Semester Hours.

QUALITY CONTROL TECHNOLOGY PROCESS INDUSTRIES

(Jackson County Campus - Two Years)

Typical employment opportunities will include: Process Operator, Laboratory Assistant, Quality Control Inspector, Production Planner, Production Tester, Inventory Control Supervisor, and Quality Control Supervisor.

This curriculum grants an Associate of Applied Science Degree and is not specifically designed for transfer to a senior college. Where transfer is planned, senior college and university catalogs should be checked for validation.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 101	Technical Communications	3	3
RT	110, 111	Technical Mathematics	3	3
RT	130, 132	Properties of Materials	5	5
QC	101	Manufacturing Operations in the Process Industry	3	
ET	100	Basic Electricity	3	
CT	101	Introduction to Computer Programming		4
ET	101	Circuit Analysis		4
SOPHOMORE YEAR				
RT	202	Technical Communications	2	
RT	115, 116	Technical Physics	3	3
QC	201, 202	Statistics & Quality Control	3	3
RT	230, 231	Properties of Materials	6	6
RT	212	Technical Mathematics	3	
ET	204	Industrial Instrumentation and Control		3
QC	203	Quantitative and Instrumental Analysis		3

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 will provide a program of sufficient depth and scope so that in the event a student who has completed the two year program desires to continue his education, an extension of his training at a four year college can be accomplished with a maximum transfer of credits.

Graduates of this program will qualify for the third class FCC license with broadcast endorsement, and will receive an Associate of Arts Degree.

		SEMESTER HOURS	
FRESHMAN YEAR		1 Sem.	2 Sem.
RS 100	Introduction to Broadcasting	3	
RS 101, 200	Announcing I, II,	4	4
ENG 1113	English	3	
SPT 1113	Speech	3	
SEC 1113	Typewriting*	3	
RS 102	Radio Programming		3
RS 104	Radio Writing		2
DMT 100	Salesmanship		3
PSC 1113	Government		3
HPR	Physical Education	1	1
SOPHOMORE YEAR			
RS 203	Announcing III	3	
RS 201	Radio Production	2	
RS 202	Radio News	3	
BAD 1113	Business	3	
DMT 107	Advertising	3	
RS 204	Radio Sales		3
RS 205	Radio Station Management		3
BAD 1313	College Arithmetic		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 operation 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 will be given to the communication of ideas and improvement of voice and body control, pronunciation and development of mike technique. For the slower student, individual instruction will take place at this time. Three Semester Hours.

RS 204 - Radio Sales. Sales as applied to radio broadcasting. To train the student in the business, economics and marketing of radio sales promotion. Three Semester Hours.

RS 205 - Radio Station Management. To acquaint the student with the know how of radio station operations. A close scrutiny of all phases of station operation. The organizational set up, programming, engineering, personnel, accounting, sales and promotion of a radio station. Three Semester Hours.

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 will be awarded the Mississippi Gulf Coast Junior College Certificate of Completion. Those students completing the four semester program will be awarded an Associate of 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	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	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 1214, 1224	Accounting	4		4
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

MEDICAL SECRETARIAL TRAINING

This curriculum is designed to train individuals in basic office skills with emphasis on medical terminology which would be used in transcribing medical reports, medical records, and case histories. Students completing this program are prepared to seek employment with hospitals, medical clinics, insurance companies, and etc.

This curriculum grants an Associate of Applied Science Degree.

		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 1214, 1224	Accounting	4	4
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

Students interested in becoming prepared for positions as junior accountants, managers, and supervisors of offices, departments and etc. may elect to major in this four semester program.

This curriculum grants an Associate of Applied Science Degree.

		SEMESTER HOURS	
FRESHMAN YEAR		1 Sem.	2 Sem.
ENG 1113, 1123	English	3	3
BAD 1313	Business Mathematics	3	
ACC 1214, 1224	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 1113 T - Elementary Typewriting (COM 104). 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 T - Intermediate Typewriting (COM 105). This course includes a review of basic technique and continues with such elements as business letters with special parts, tabulation problems, manuscripts, and interoffice correspondence. Three Semester Hours.

SEC 1213 T - 1223 T - Elementary and Intermediate Shorthand I, II (COM 100 - 101). This course includes a study of Gregg Shorthand, Diamond Jubilee Series including theory, phrasing, brief forms, transcripts, letter placement, and dictation of articles and various letters. Elementary shorthand is divided into two groups: (A) for those students having had shorthand in high school for one year or more, (B) for those students having no previous shorthand, or less than one year of shorthand in high school. Three Semester Hours Each.

SEC 1312 T - Principles of Filing (COM 102). 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 T - Advanced Typewriting (COM 203). 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 T - Production Typewriting (COM 204). 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 T - 2223 T - Advanced Shorthand III, IV (COM 200 - 201). This course offers training in the theory of advanced shorthand. Dictation is given from new material at varying rates of speed with emphasis placed upon phrasing, accurate and attractive transcripts, and punctuation of business letters. Three Semester Hours.

SEC 2263 T - Medical Shorthand and Terminology (COM 202). 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 T - Secretarial Procedures (COM 205). 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 T - Office Machines (COM 206). 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 T - Business Communications (COM 216). 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.

ACC 1214 T - 1224 T - Principles of Accounting (207-208). This course is designed to give students an understanding of recording, classification, and summarization of business transactions and events with insight into interpretation of the resulting effects upon the business. Previous knowledge of bookkeeping or accounting is not required. Four Semester Hours Each.

ACC 2313 T - Cost Accounting (213). This course is a study of the application of accounting principles to job order, process cost, and standard cost systems. Prerequisite: ACC 1214-1224. Three Semester Hours.

BAD 1113 T - Introduction to Business (107). 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 T - Business Mathematics (MAT 110). 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 1323 T - Mathematics of Finance (MAT 111). This course emphasizes the mathematical practices used in business transactions. Prerequisite: Any one of the following: MAT 1213, 1233, or 1313 or two years of high school algebra. Three Semester Hours.

BAD 2213 T - Marketing (215). 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 T - Business Statistics (MAT 115). 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 T - Business Law (BLA 211). 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 2423 T - Business Law (BLA 212). This course is a continuation of Business Law 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 T - Principles of Management (214). 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 T - Principles of Finance (216). 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 economic activities are included. Three Semester Hours.

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 X-Ray Technology Instructor 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 will be screened on the basis of past educational performance and potential for the number of clinical openings available.

This curriculum grants an Associate of Applied Science Degree and is not specifically designed for transfer to a senior college. Where a transfer is planned, senior college and university catalogs should be checked for validation.

			SEMESTER HOURS	
FRESHMAN YEAR			1 Sem.	2 Sem.
RT	100, 100	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	220	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 Secretarial Procedures of ECO 2113 Economics.

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 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, aseptic 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 will familiarize the student with causes of diseases, precautions that should be taken in the handling of sick patients. The students will also become familiar with the functions of different systems of the body. Four Semester Hours.

XT 211 - Radiology of the Osseous System. Evaluation of patients as the habitus, topographical anatomy, projections and X-Ray techniques for the entire skeleton. One and one half hour lecture and nine laboratory hours per week. Six Semester Hours.

XT 213 - Intra-Oral Radiography. Anatomy, landmarks, radiographic examinations and their purpose protection. One half hour lecture and five laboratory hours per week. Three Semester Hours.

XT 220 - Fundamentals of X-Ray and Radium Physics. This course deals with simplified mathematics, electric current, magnetism, electric generators and motors. The majority of the time will be spent studying the principles of X-Ray equipment and the production of X-Rays. Gamma Rays as emitted by radium, X-Ray protection and measurements will be taught. Four Semester Hours.

XT 221 - 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 will be taught what is expected and then will be criticized by film evaluation. Contrast density, gamma and other qualities will be taught. Six Semester Hours.

RELATED TECHNICAL COURSES

RT 100 - Technical 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 will be instructed in the preparation and delivery of various types of speeches including parliamentary procedures. Technical correspondence will cover such matters as business

letters, memoranda, reports, work instructions and procedures. Prerequisite: RT 100 Technical Communications. Three Semester Hours.

RT 202 - Technical Communications. Projects in Technical Communications. This course will stress the preparation of oral and written communications as assigned by technical instructors. Close coordination and supervision will be exercised by both the technical and communications instructors throughout the assigned projects. Prerequisite: RT 101 Technical Communications. Two Semester Hours.

RT 203 - Technical Communications Seminar. Students will meet with the technical communications instructor by appointment to consult regarding the report of an original investigation in their specific technologies. Prerequisite: RT 202 Technical Communications. One Semester Hour.

RT 204 - Foundations of Business. This course is designed to acquaint students with the general aspects of the business and industrial world, and primary consideration will be given to the area of human relations, legal responsibilities, and economic considerations. Three Semester Hours.

RT 106 - Technical Writing and Reports. This is a learning-by-doing course in communication skills which emphasizes improvements in reading, note taking, and information gathering, technical thinking as well as technical writing. Three Semester Hours.

RT 107 - Technical Drawing. Preliminary training is given in 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. Prerequisite: RT 107 Technical Drawing. Two Semester Hours.

RT 110 - Technical Mathematics. This course covers the slide rule; tables and interpolation, applications in geometry; introduction to algebra; linear equations in one unknown; functions and graphs; systems of linear equations; exponents and radicals; the Binomial Theorm; logarithms

exponential functions rate of growth; quadratic equations in one unknown; 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. Prerequisite: RT 110 Technical Mathematics. Three Semester Hours.

RT 212 - Technical Mathematics. This course covers: graphical methods of calculus; differentation; and integration. Prerequisite: RT 111 Technical Mathematics. Three Semester Hours.

RT 113 - Descriptive Geometry. This course is designed to help solve drafting problems. A graphic study is made of the relative position of points lines, planes, in space. Both auxiliary projections and rotations are used. Three Semester Hours.

RT 115 - Technical Physics. This course presents the fundamental principles, definitions, and terms of mechanics. Two lecture and two laboratory periods per week. Three Semester Hours.

RT 116 - Technical Physics. This course deals with the fundamental principles of magnetism and electricity. Two lecture and two laboratory periods per week. Three Semester Hours.

RT 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. Three lecture and four laboratory hours per week. Five 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. Three lecture and four laboratory hours per week. Five 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. RT 130 and 131 are prerequisites. Three lecture and six laboratory periods per week. Six Semester Hours.

RT 231 - Properties of Materials. This is a continuation of RT 230. In depth study of aromatic compounds and their derivatives are carried out. Three lecture and six laboratory periods per week. Six Semester Hours.

RT 208 - Industrial Relations. This course deals with problems involving human relations and development of a foundation for dealing with superiors, associates, and subordinates. Practical discussions are held on applying for a job, including the application, interview, job evaluation and the first week on the job. Three Semester Hours.

RT 209-210 - 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.

The George County Occupational Training Center is being built on a 15-acre site near the junction of Highways 26 and 63 at Lucedale, Mississippi.

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

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 enhances 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 Nat. Elec. 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 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.

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, & Overhead)	90
	D. Pipe Welding (Flat, Vertical, & 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 & Layout Tools & 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)

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, ..ve days per week, thirty-six weeks per year for one year.

Students are given related instruction by lecture, demonstration, the use of audio-visuals, etc. immediately precedes application by the trainees in shop

practice, instruction and its application are correlated as closely as possible at all times; and the major allotment of time is given to the development of manipulative skills.

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, Misc. 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 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

SURGICAL TECHNOLOGY

(Jackson County Campus)

This program is planned to prepare persons for employment as Surgical Technicians. Students are enrolled for nine months in a program of study that

includes both theory and clinical practice under supervision. Upon completion of the program, the graduate will be able to assist surgeons, registered nurses and other members of the surgical team in the care of patients requiring surgical procedures.

MAJOR UNITS OF INSTRUCTION

A. Orientation
B. Occupational Relationships
C. Personal Health and Nutrition
D. Body Structure and Function
E. Related Basic Sciences
F. Introduction to Microbiology
G. Principles of Surgical Asepsis & Sterilization Processes
H. Principles of Anesthesia and related drug therapy
I. Principles of Operating Room Procedures
J. Clinical Practice in the Surgical Areas of a Hospital

PRACTICAL NURSING

(Jefferson Davis Campus and Jackson County Campus)

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. Jackson County applicants make application for admittance directly to the campus.

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

REFRIGERATION AND AIR CONDITIONING

(Jefferson Davis Campus - Nine Months)

This curriculum is designed to give the fundamentals of air conditioning and refrigeration with a working knowledge of all phases of this field. It is designed to enable students to successfully enter and progress in the field of air conditioning and refrigeration installation, service, and repair. The study of related basic theory and scientific principles is coupled with practical application and experience in varied laboratory experience. This program is nine months in length, students attend class five hours per day, five days per week.

MAJOR UNITS OF INSTRUCTION

FIRST SEMESTER

I. Introduction to Refrigeration
   A. Refrigeration Systems, Cycles, and Classification
   B. Heat Flow
II. Tools and Equipment
III. Heat and Temperature
   A. The effect of heat energy in refrigeration
   B. Temperature measurement, indicators, controls, and recorders
IV. Refrigeration Control Valves and Cap Tubes
V. Motor Controls
VI. Basic Electricity and Motors

SECOND SEMESTER

I. Servicing Refrigeration Equipment
II. Trouble Shooting Refrigeration Equipment
III. Commercial Refrigeration

SAW TECHNICIAN

(Perkinston Campus)

The purpose of the Saw Technician Program is to enable the trainee to develop knowledge and skills which will prepare him to enter the Saw Filing trade.

The course consists of six hours per day, five days per week for nine months.

The student is given classroom instruction and actual experience with modern saw filing equipment.

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 & 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)

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	108

This unit includes Gregg Shorthand, DJS, theory, phrasing brief forms, dictation, transcriptions, and letter placement.

III. Business English 63
This unit includes the principles of letter writing and their application to inquiry, order, credit, collection, sales, and application letters.

IV. Business Writing 27
This unit includes the principles of letter writing and their application to inquiry, order, credit, collection, sales, and application letters.

V. Office Machines 72
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.

VI. Secretarial Procedures 72
This unit includes skill such as handling mail, telephone technique, filing, transcription equipment, and preparation for employment.

VII. Business Mathematics 27
This unit includes the four basic mathematical operations including fractions and the use of decimals, and applications such as reconciling bank balances.

VIII. Secretarial Accounting 45
This unit will enable students to have a basic understanding of the accounting cycle including the special journals and the periodic summary.

Total Clock Hours 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.

*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 are 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.

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)

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 & 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.

INDEX

A

Absences 40
Academic Curricula 58
Academic Load 39
Accounting 79
Accreditation 5
Activities, Student 50
Administrative Council 14
Administrative Officers 10
Admission Policies 36
Admission Procedures 38
Adult Programs 173
Agriculture 73, 79
Agricultural Engineering 74
Alumni Association 53
Appeal, Right of 54
Apprentice School 173
Art 66, 80
Athletics 54
Automobile Mechanics 159
Awards, Academic 43

B

B.A. Preparatory Curriculum 58
Band and Choirs 52
B.S. Preparatory Curriculum 59
Bible 97
Biology 81
Board (Meals) 44
Buildings, Grounds & Equipment
Jackson County Campus 31
Jefferson Davis Campus 32
Perkinston Campus 34
Business B.S. Preparatory 63
Business Education 64
Business and Office Administration 60, 83

C

Calendars 5, 6
Carpentry 159
Certificates of Completion 56
Chemistry 72, 85
Class Attendance 40
Clubs 52
Communication 102
Compliance Policy 43
Computer Programming Tech. 111
Computer Science 67

D

Data Processing, Educational 109
Dean's List 42
Degrees, Requirements for 55
Department Chairmen 14
Developmental Studies 57
Discipline, Student 54
Distribution & Marketing Tech. 114
Dormitory Rent 44
Drafting & Design Technology 116

E

Economics 85
Education 76
Education & Psychology 86
Electrical Technology 118
Electronics Technology 121
Employment Opportunities 48
Engineering 67, 88
English 87
Expenses 44

F

Faculty 16
Faculty Committees 14
Fees 46
Financial Information 44
Fine Arts 64
Foreign Languages 93
Foreign Students 36
Forestry 74
Foreword 4

G

General Business & Accounting 62, 149
General Requirements for Graduation 56
Geography 88
Government 98
Grades 41
Graduation Requirements 55
Graphics and Drawing 88
Guidance Services 40

H

Hall of Fame 51
Health 89
History of the College 28
History 90
Home Economics 76, 91
Hotel-Motel & Restaurant Operation 125

I

Industrial Education 78, 91
Industrial Electricity 160
Industrial Electricity/Electronics 160
Industrial Technology 68, 127
Insurance, Students 46
Instructional Program 55
Irregular Students 39

J
Journalism 92
L
Law Enforcement 130
Literature 87
Livestock Management 140
M
Machine Shop 161
Maintenance Mechanics 162
Marine Drafting & Design 132
Mathematics 67, 92
Medical Insurance 46
Medical Laboratory Technology 133
Medical Record Librarian 72
Medical Secretarial Training 62, 148
Mechanical Technology 135
Medical Technology 70
Metallurgical & Welding Tech. 137
Metal Trades 162
Miss Mississippi Gulf Coast Junior College 51
Music 64, 94
N
Nursing, Associate Degree 107
O
Objectives 29
Occupational Extension Classes 173
Optometry 71
Organizations 52
Orientations 41
Ornamental Horticulture 138
Out-of-State Students 35
P
Philosophy 97
Philosophy and Purpose 28
Physical Education 89
Physical Therapy 71
Physics 97
Pipefitting 163
Pipe Welding 164
Plumbing 164
Political Science 98
Practical Nursing 167
Pre-Pharmacy 70
Pre Technical 105
Printing
Letterpress 165
Offset 166
Probation and Suspension 40
Purpose and Objectives 28
Q
Quality Points 42
Quality Control Technology
Fabrication Industries 142
Process Industries 144
R
Radio Broadcasting Technology 144
Reading, Developmental 86
Recreation, Student Centers 54
Refund Policy 47
Refrigeration & Air Conditioning 168
Regular, Irregular & Special Students 39
Related Technical Courses 155
Religious Activities 52
S
Saw Technician 169
Scholarships 48
Science 69
Secretarial Science 60, 98, 147
Secretarial Training
Stenographic Sequence 169
Clerical Sequence 170
Sheetmetal Work 170
Sociology 101
Special Students 39
Speech and Theatre 102
Student Aid 48
Student Centers 54
Student Councils 50
Student Publications 51
Summer Program 104
Supervisors, Board of 8
Surgical Technology 166
T
Technical Programs 38, 105
Testing Schedule 7
Transcripts 47
Transfer Students 39
Trowel Trades 171
Trustees, Board of 9
Tuition (See Financial Information) 44
U
University Parallel Courses 37
V
Veterinary Science 75
Vocational Programs 38, 159
W
Welding 172
Who's Who 51
Withdrawal Procedures 40
X
X-Ray Technology 152
Z
Zoology 82