THEODORE ALFRED LAWSON
STATE JUNIOR COLLEGE

is a state supported institution offering two years of college work with programs as follows:

General Education
Transfer — For students who expect to continue their education in college or universities
Terminal — For students who expect to complete their formal education upon graduation from junior college

Technical Education
Adult Education and Community Services

AUTHORIZED AND ACCREDITED BY
Alabama State Board of Education
Southern Association of Colleges and Schools

Member of
Alabama Association of Junior Colleges
Southern Association of Junior Colleges
American Association of Junior Colleges

Theodore Alfred Lawson State Junior College reserves the right to make changes in the offerings and regulations announced in this publication as circumstances may require.
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Pre-Medicine or Pre-Dentistry
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Pre-Secretarial Science

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Nursing Science
Social Worker Technician
Secretarial Science

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ALABAMA STATE BOARD OF EDUCATION

Governor George C. Wallace
President

Dr. Leroy Brown—State Superintendent of Education
Executive Officer and Secretary

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>District</th>
<th>Term</th>
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<tr>
<td>Dr. James D. Nettles</td>
<td>Arlington</td>
<td>First</td>
<td>1971-73</td>
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<tr>
<td>Mrs. Isabelle B. Thomas</td>
<td>Montgomery</td>
<td>Second</td>
<td>1971-75</td>
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<td>Mrs. S. A. Cherry</td>
<td>Dothan</td>
<td>Third</td>
<td>1971-73</td>
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<td>Mrs. Bettye Frink</td>
<td>Leeds</td>
<td>Fourth</td>
<td>1971-75</td>
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<td>Mr. Victor P. Poole</td>
<td>Moundville</td>
<td>Fifth</td>
<td>1971-73</td>
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<td>Dr. Harold Martin</td>
<td>Birmingham</td>
<td>Sixth</td>
<td>1971-75</td>
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<tr>
<td>Mr. H. Ray Cox</td>
<td>Attalla</td>
<td>Seventh</td>
<td>1971-73</td>
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<tr>
<td>Mr. Roscoe Roberts</td>
<td>Huntsville</td>
<td>Eighth</td>
<td>1971-75</td>
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ADVISORY COMMITTEE
FOR
ASSOCIATE DEGREE NURSING PROGRAM

Mr. L. R. Jordon, Administrator
Birmingham Baptist Hospital
701 Princeton Avenue, Southwest
Birmingham, Alabama 35221

Dr. James T. Montgomery, Chief of Medicine
Holy Family Hospital
1915 19th Street, Ensley
Birmingham, Alabama 35218

Mrs. A. G. Gaston, Director
Booker T. Washington Business College
1527 North Fifth Avenue
Birmingham, Alabama 35204

Mrs. David Roberts, III
119 Elm
Birmingham, Alabama 35213

Mr. Joseph Caldra, Administrator
Holy Family Hospital
1915 19th Street, Ensley
Birmingham, Alabama 35218

Attorney Arthur Shores
A. G. Gaston Building
1527 North Fifth Avenue
Birmingham, Alabama 35202

Mrs. Naomi Huggins, Chairman
Nursing Department
Jefferson State Junior College
2601 Carson Road
Birmingham, Alabama 35215

Mrs. Ida Moffett
Executive Director of Nursing
Birmingham Baptist Hospital
701 Princeton Avenue, Southwest
Birmingham, Alabama 35211

Dr. James Truelove, Director
Regional Technical Institute
University of Alabama
1919 South Seventh Avenue
Birmingham, Alabama 35233
The Honorable Joe King
Mayor of the City of Fairfield
City Hall
Fairfield, Alabama 35064

The Honorable W. J. Waldrop
Mayor of the City of Midfield
City Hall
Midfield, Alabama 35228

Dr. E. B. Robinson, Jr.
Medical Director
Lloyd Noland Hospital
701 Ridgeway Road
Fairfield, Alabama 35064

Mrs. Ethel Nelson
Superintendent of Nursing
Lloyd Noland Hospital
701 Ridgeway Road
Fairfield, Alabama 35064

Dr. John M. McMahon
800 Clinic Lane
Bessemer, Alabama 35020

Mrs. Frances Russey, Director
Public Nursing
Jefferson County Health Department
1912 South Eighth Avenue
Birmingham, Alabama 35233

Mrs. Robert V. Sanders
Administrator
Hill Crest Hospital
7000 South Fifth Avenue
Birmingham, Alabama 35212

Mrs. Laurene Gilmore
Assistant Director for Education
Regional Medical Program
1917 South Fifth Avenue
Birmingham, Alabama 35233

Dr. Lillian Harvey, Dean
School of Nursing
Tuskegee Institute
Tuskegee Institute, Alabama 36088

Dr. Leon Kennedy, President (Ex Officio)

Dr. A. C. Dickinson, Dean of Instruction (Ex Officio)

Miss Dorothy McAdory, Chairman
Department of Nursing (Ex Officio)
LOCATION

Theodore Alfred Lawson State Junior College is located in Jefferson County, in the southwest section of Birmingham, beyond Powderly in a mining community known as Wenonah. Birmingham, naturally is a prominent Alabama rail, bus, air and highway terminal. The campus is easily accessible by taxi or transit bus. Nearby, in an opposite direction, is the city of Bessemer, Alabama, from which the campus is also easily accessible by the same media.

The College is adjacent to and helps form an educational complex which permits a very high level of achievement and hope for maximum educational gains for young people of Jefferson County and the central and northern parts of this state.

ADMINISTRATION AND CONTROL

Theodore Alfred Lawson State Junior College is a part of the state system of junior colleges authorized by the Alabama Legislature under Act No. 93, approved May 3, 1963. Registration for the first classes in this newly organized institution began September 27, 1965. This institution is under the supervision of the State Board of Education. The President of the College is directly responsible to the State Board of Education through the State Superintendent of Education. The College is accredited by the State Board of Education and the Southern Association of Colleges and Schools.

GENERAL ADMINISTRATION

Kennedy, Leon, B.S., M.A., LL.D. ....................... President
Dickinson, A. C., B.S., M.A., Ph.D. ................ Dean of Instruction
Lamar, Aaron, A.B., M.A., Ed.D. .................. Dean of Special Services and Assistant to the President
Patterson, Arlue, B.S. .......... Acting Director of Auxiliary Services
Lawson, Marjorie H., A.B., M.A. ........... Director of Admissions
Price, Neildeane ...................... Assistant Business Manager
Ervin, Billy, A.A. ......................... Financial Aid Officer
Ricks, Johnnie C., B.S., M.S.L.S., Ed.S. ........ Director of Library Services
Singleton, Lillie K., B.S., M.Ed. ........ Institutional Grantsman
Smith, James, B.S., M.Ed. ........ Coordinator of Freshman Academic Development Program
Lawson, T. A., B.S., LL.D. ............... President Emeritus
Skipworth, Albert ............ Acting Maintenance Superintendent
DIVISIONAL CHAIRMEN

Thelma H. Catlin...........................................Social Science
Bennie Ford........................................Natural Science
Dorothy McAdory.........................................Nursing
Ernestine C. McDowell..............................English
Dorothy Porter......................................Fine Arts
Odessa Perry Powell.................................Business
Eldridge O. Turner.................................Physical Education

INSTRUCTIONAL STAFF

Dickinson, Augustus C. (1965).................Dean of Instruction
  B.S. Alabama State College
  M.A. Michigan State University
  Ph.D. Michigan State University

Ricks, Johnnie Copeland (1965)............Director of Library Services
  B.S. Alabama A & M College
  M.S.L.S. Syracuse University
  Ed.S. University of Pittsburgh
  Further Study: University of Pittsburgh

Amos, Emily Harriett (1969)..................Music
  B.M. Birmingham-Southern College
  M.M. George Peabody College for Teachers

Andrews, Edward E. (1967)....................Physical Education
  B.S. University of Alabama
  M.A. Murray State University

Ashford, Winfred (1971)......................Counselor
  A.S. Mary Holmes Junior College
  B.S. Alabama State University
  Ed.M. Alabama State University
  Ed.S. Auburn University
  Further Study: Oklahoma University, University of
  Alabama, Alabama A&M University, Peabody College

Baskin, Wilbert (1966)..........................Data Processing
  B.S. Miles College
  Certificate: Data Processing
  Further Study: Alabama A & M University
Bell, Willie Mae C. (1967) ................................ Reading
A.B. Miles College
M.A. Atlanta University
Ed.S. Colorado State College
LL.D. Daniel Payne College
Ed.D. University of Northern Colorado
Further Study: Vanderbilt University
    Psychotechnics Laboratory, Atlanta
    Educational Development Laboratories, New York
    University of Western Illinois

Berry, Bettye F. (1971) .............................. Nursing
B.S. Tuskegee Institute
M.S. Indiana University
Further Study: Tennessee State University

Blackwell, Elizabeth A. (1971) ....................... English
B.S. University of Alabama
M.A. University of Alabama
Further Study: University of Alabama

Boyd, David Lance (1970) ............................ English
B.A. Auburn University
M.A. Auburn University
Further Study: University of Alabama

Burks, R. E. (1972) .............................. Natural Science
B.S. Georgia Institute of Technology
M.S. University of Wisconsin
Ph.D. University of Wisconsin

Carey, Mable (1966) ............................... Business Education
B.S. Knoxville College
M.S. Indiana University
Ed.S. Indiana University
Further Study: Illinois Teachers College

Catlin, Thelma H. (1966) ............................ History
A.B. Miles College
M.A. University of Michigan
Further Study: Southern University
    University of Alabama
    University of Cincinnati
    Tulane University
    Auburn University
Clark, Juanita (1972) ................................ English
  B.S. Xavier University
  M.A. University of Alabama
  Ed.S. University of Alabama

Crane, Sandra (1972) ............................. Counselor
  A.B. Stillman College
  Further Study: Alabama State University
  North Carolina Central University

Davis, Jack D. (1971) ............................... Business
  A.B. Alabama College
  M.B.A. Samford University
  Further Study: University of Montevallo

Davis, Jane (1972) ................................... English
  B.S. University of Florida
  M.A. Samford University
  Further Study: University of Alabama

Dickerson, Blanche (1970) .......................... Business
  B.S. South Carolina State College
  A.B. South Carolina State College
  M.S. South Carolina State College
  Further Study: Alabama A & M University

Drake, John (1966) .................................. History
  B.S. Alabama State College
  M.Ed. Alabama State University
  Further Study: University of Cincinnati
  University of Alabama
  Alabama State University

Duckett, Charles R. (1971) ......................... Biology
  B.S. Alabama College
  M.S. Samford University
  Further Study: University of California

Duggar, Judy (1972) ............................... Mathematics
  B.S. University of Alabama

Ford, Bennie (1971) ............................... Biology
  B.S. William Carey University
  M.S. University of Oklahoma
  Ph.D. University of Oklahoma

Gardner, Edna (1966) .............................. Business Education
  B.S. Hampton Institute
  M.A. University of Alabama
  Further Study: New York University
Gaston, Patricia ................................... Social Science
A.B. Miles College
M.A. Atlanta University

George, Ophelia D. (1971) ..................... English
B.S. Miles College
Further Study: North Carolina Central University
Alabama State University

Gibson, JoAnne (1971) ............................. Business
B.A. Millsaps College
M.B.E. University of Mississippi
Ph.D. University of Mississippi
Further Study: University of Missouri

Gibson, Melvin (1971) ..................... Physical Education
B.S. Northeast Louisiana State College
M.Ed. Memphis State University
Ed.D. University of Southern Mississippi

Goldman, Uleda (1965) ..................... Business Education
B.S. Lane College
M.S. Columbia University
Further Study: Columbia University

Griffin, Cercil (1966) ............................. Business
B.S. Alabama A&M University
M.A. North Carolina College
Further Study: Columbia University
Auburn University

Griffin, Viola M. (1966) ..................... Mathematics
B.S. Rust College
M.A. Atlanta University
Further Study: Columbia University
Carleton College
University of Alabama

Hagerty, Julius P. (1967) ..................... History
B.S. Auburn University
M.A. Auburn University
Further Study: Jacksonville State University
University of Alabama
Samford University
Auburn University

Henderson, Connie (1972) ..................... English
A.B. Miles College
M.S. Western Michigan University
Higdon, Jane G. (1972) .................................... English
  B.A. University of Alabama
  M.A. University of Alabama
  Further Study: University

Hill, Cleophus Sherman (1970) .................. Psychology
  A.B. San Francisco State College
  M.A. University of Alabama
  Ed.S. University of Alabama

Holcombe, Loretta (1971) ..................... Physical Education
  B.S. Mayville State College
  M.S. University of North Dakota
  Further Study: Mankato State College

Holland, Lynn (1970) ............................... Business
  B.S. University of Alabama
  J.D. Samford University Cumberland School of Law
  Further Study: University of Alabama

Howard, Matthew (1971) ......................... Chemistry
  B.S. Alabama State College
  M.S.Ed. Tuskegee Institute
  Further Study: Howard University
    Texas Southern University
    University of Mississippi

Hudson, Howard (1966) ............................. Mathematics
  B.S. Alcorn A&M College
  M.S. Atlanta University
  Further Study: Kansas State
    Tougaloo College
    University of Alabama

Jackson, Mattie M. Gill (1966) ................... Assistant Director of
  Library Services
  A.B. Miles College
  M.A. University of Denver
  Further Study: Auburn University
    University of Alabama

Johnson, Gwendolyn (1972) ........................ Nursing
  B.S.N. Tuskegee Institute
  M.S.N. University of Alabama

Johnson, Jimmie (1972) ....................... Coordinator, Cooperative Education
  B.S. Alabama State University
  M.A. Livingston University
  Further Study: Auburn University, Wayne State University
    Smith College
Johnson, Juanita ..................... Right to Read Program
Diploma—Booker T. Washington
Business College
Further Study: Miles College

*Jordan, Charles (1967) ......................... Mathematics
A.B. Miles College
M.A. Atlanta University
Further Study: Mississippi State University

King, Annie B. Jackson (1966) ...................... Business
A.B. Morris Brown College
M.B.A. Atlanta University
Further Study: Atlanta University
Fort Valley State College
University of Alabama

King, Letitia J. (1966) ............................. Art
A.B. Clark University
M.A. Atlanta University
Further Study: Atlanta University
Atlanta School of Art
Auburn University

Knox, Lucille (1965) ............................. English
A.B. Miles College
M.A. Northwestern University
Further Study: Birmingham-Southern College
Northwestern University
Samford University

Lee, Robert (1965) ............................. History
A.B. Miles College
M.A. Duquesne University
Further Study: University of Alabama

Lloyd, Barbara (1972) ........................ Nursing
B.S. Tuskegee Institute

Lumpkin, Myrtle (1966) ........................... English
A.B. Spelman College
M.A. Atlanta University
Further Study: Auburn University

McAdory, Dorothy (1971) ........................ Nursing
B.S. Tuskegee Institute
M.S. Indiana University
Further Study: New York University
University of Alabama
McDowell, Ernestine C. (1965) ....................... English
A.B. Lincoln University
M.A. Atlanta University
Further Study: University of Padova (Italy)
University of Illinois
University of Alabama

Matthews, Ruth (1972) ............................ Counselor
A.B. Miles College
M.A. Atlanta University
Further Study: University of Alabama

Moore, Leon (1972) ............................... Physical Education
B.S. Grambling College
M.S. University of Colorado

Moore, Samuel (1966) .............................. Biology
B.S. Alabama A&M College
M.Ed. Tuskegee Institute
Further Study: Tuskegee Institute, Miles College
Worcester Polytechnic Institute
University of Alabama
Auburn University

Morgan, Della Nettles (1972) ................. Professional Counselor
B.S. Miles College

Nichols, Susan (1970) .............................. Nursing
B.S. University of Alabama

O'Neal, Georgia (1972) ............................. Nursing
B.S. University of Alabama

Parchman, William W. (1972) ..................... Counselor
B.S. Miles College
M.A. Wayne State University

Porter, Dorothy (1965) ............................. Music
B.S. Alabama State College
M.A. Wayne State University
Further Study: Wayne State University
Mannes College of Music
University of Alabama

Porterfield, Jean (1971) .......................... Nursing
B.S.N. Tuskegee Institute

Poole, Countess (1972) ........................... College Nurse
R.N. Norwood School of Nursing
Further Study: Tuskegee Institute
Alabama A & M University
Powell, Odessa Perry (1967) ................ Business Education
B.S. Tennessee State University
M.S. Indiana University
Further Study: University of Chicago
University of Alabama
Auburn University

Rigsby, Martha K. (1972) ..................... English
B.S. University of Alabama
M.A. Georgia State University

Sanders, Gertrude C. (1966) .................. Social Science
B.S. Alabama State College
M.A. New York University
Ed.S. Atlanta University
Further Study: Howard University, Boston University
Columbia University, Alabama A&M University
University of London, London N.W. 3
University of Copenhagen, Denmark

*Satisfield, Wynelda (1970) .................... English
B.A. Dillard University
M.A. Indiana University
Further Study: Auburn University

Smith, David A. (1971) ........................ Psychology
B.A. San Francisco State College
M.A. San Francisco State College
Further Study: California State University
University of Alabama

Tarver, Gwendolyn (1970) .................... Nursing
B.S. Dillard University

Thomas, Doris Jackson (1965) .................. English
A.B. Miles College
M.Ed. Tuskegee Institute
M.A.T. Birmingham Southern College
Further Study: University of Alabama
Auburn University

Thomas, Jewel M. (1972) ...................... Nursing
A.B. Miles College
M.A. University of Alabama
Further Study: Tuskegee Institute
Atlanta University
University of Alabama
Thornton, Dannetta (1966) .......................Foreign Languages
A.B. Fisk University
M.A. Indiana University
Ed.S. University of Alabama
Further Study: University of Alabama
Carleton University (Canada)

Turner, Eldridge O. (1965) ......................Physical Education
B.S. Alabama A&M University
M.A. Indiana University
Further Study: Auburn University
Alabama State University

Vickers, Lovell (1966) ..........................Electronics
B.S. Alabama A&M University
M.S. Alabama A&M University
Further Study: Certificate—Army Radar & Guided Missile School

Warnsley, Mary E. (1972) .....................Natural Science
B.S. Alabama A&M University
M.S. University of Massachusetts

Walton, Reginald (1968) .......................Mathematics
A.B. Miles College
Further Study: Birmingham Southern College
University of Tennessee
North Carolina Central University

White, Mary (1972) ..........................English
B.S. Miles College
M.A. University of Alabama
Further Study: Indiana University

Williams, Charlie T. (1970) ..................Nursing
B.S. Tuskegee Institute
M.S. Alabama A&M University

Wilson, Geraldine (1970) ......................Physical Education
B.S. Tuskegee Institute
M.A. Ball State University

Woodruff, Julia (1972) ......................Natural Sciences
B.S. Auburn University
M.A. Samford University
Further Study: University of Alabama

*Away on Official Leave
TEACHER-AIDE

Henderson, Katrina
Certificate—Wenonah State Technical Institute

NON-INSTRUCTIONAL STAFF

Williams, Deatra LaRue, A.A. ............ Secretary to the President
Further Study: The University of Alabama, Birmingham
Barham, Brenda, B.S. ......................... Library Clerk
Bloom, Gertrude, A.S. ........................ Clerical Assistant
Further Study: The University of Alabama, Birmingham
Callen, Rosie, A.A., B.S. ...................... Secretary, Financial Aid Officer
Flakes, Carolyn ............................... Clerical Assistant
Harris, Earnestine, Certificate .............. Secretary-Aide, Institutional Grantsman
Harris, Mary Q., A.A. ........................ Clerical Assistant
Howell, Bettye, Certificate ................. Secretary, Institutional Grantsman
Hunter, Felicia J., B.S. ........................ Secretary, Counselors
King, Alfreda, A.A. ......................... Clerk Cashier
Mason, Gloria, A.A. .......................... Secretary, Right to Read Program
McKinney, Mattie, Certificate .............. Secretary, Director of Nursing
Moore, Janice E., A.A. ........................ Secretary, Academic Dean
Further Study: The University of Alabama, Birmingham
Moore, Oliver, B.S. ............................. Clerical Assistant
Peagler, Bettye J. ............................ Secretary, Coordinator of Freshman Academic Development Program
Perry, Beverly, A.A. ............................ Clerk, Coordinator of Freshman Academic Development Program
Singleton, Odell, A.A. ....................... Clerical Assistant
White, Geraldine, Certificate .............. Special Lab Assistant
Department, Natural Sciences
COLLEGE CALENDAR, 1972-73

FALL QUARTER 1972

August 29-September 1 ........ Counseling for Entering Students
September 5 .................. Faculty Workshop
September 6-7 ................ Freshman Orientation and Registration
September 8 ................... Registration-Upper Classmen
September 11 .................. Classes Begin
September 12 .................. Change in Registration Begins
September 14 .................. Change in Registration Ends
September 15 .................. Late Registration Ends
September 29 .................. Last day to Withdraw with partial refund and without penalty

October 17 .................... Mid-Term Progress Report
October 23 ..................... Veterans Day
November 23-24 ................ Thanksgiving Holidays
November 29-30 ................ Final Examinations
December 1 .................... Grade Reports Due

WINTER QUARTER 1972

December 4 .................... Faculty Planning, Student Testing
December 5-6 .................. Registration
December 7 ..................... Classes Begin
December 8 ..................... Change in Registration Begins
December 13 .................. Change in Registration Ends
and late Registration Ends
December 21 .................. Christmas Holidays Begin
January 3 ....................... Classes Reconvene
January 8 ..................... Last day to Withdraw with partial refund and without penalty
January 25 ..................... Mid-Term Progress Report
March 7-8 ..................... Final Examinations
March 12 ....................... Grade Reports Due
March 12-16 .................... Spring Break
SPRING QUARTER 1973
March 19-20.......................... Registration
March 21.............................. Classes Begin
March 22.............................. Change in Registration Begins
March 26.............................. Last Day for Registration and Class Changes
March 30.............................. Annual American Association of Junior College Meeting
April 10.............................. Last day to Withdraw with partial refund and without penalty
April 25.............................. Mid-Term Progress Report
May 31-June 1.......................... Final Examinations
June 3............................... Commencement

SUMMER QUARTER 1973
June 11-12.......................... Registration
June 13.............................. Classes Begin
June 14.............................. Change in Registration Begins
June 18.............................. Change in Registration Ends
June 20.............................. Late Registration Ends
July 3.............................. Last day to Withdraw with partial refund and without penalty
July 4.............................. Independence Day
July 16.............................. Mid-Term Progress Report
August 23-24.......................... Final Examinations
GENERAL INFORMATION

HISTORICAL SKETCH

Theodore Alfred Lawson State Junior College, originally known as Wenonah State Technical State Junior College, was established by Act Number 93 of the Alabama State Legislature, May 3, 1963, under the aegis of Governor George C. Wallace.

The College is located in the Western section of Jefferson County on a 30-acre site deeded to the Alabama Trade School and Junior College Authority by Wenonah State Technical School.

The early acquisition of this site for further expansion of educational facilities in the community denotes anticipation and effort by the State Board of Education to meet the needs of youth and adults in this section of Alabama.

August 3, 1964, the State Board of Education named Theodore Alfred Lawson Acting President of the College. Dr. Lawson began his official function as President October 30, 1964. The initial classes began September 3, 1965.

August 22, 1966, the College experienced its first name change to Wenonah State Junior College. August 12, 1969, the College experienced its second name change to Theodore Alfred Lawson State Junior College in honor of the incumbent President.

September 25, 1970, the incumbent president, by the authority of the State Board of Education, acquired an additional five acres of land for the extension of the College campus.

BUILDINGS

The college plant includes five buildings. All buildings are of modern first class construction. They are fully air-conditioned and are designed to produce an environment conducive to optimum effectiveness in teaching and learning.

The Administration and Business Education Building accommodates the administrative staff, the business department, guidance center and language laboratory on the upper floor. The ground floor houses the student center and the bookstore.

The Library contains the reading room, librarian's office, reading laboratory, conference room and faculty lounge. Of special interest is the Afro-American room.

The Science Building provides classrooms for physics, chemistry, biology and mathematics. Laboratories for biology, chemistry, physics and mathematics are located here. Offices and
work spaces for instructional personnel in the science department is also available in this building.

The Classroom and Technical Subjects building has classrooms for English, reading, social science, history and general education. Laboratories for drafting, instrumentation and electronics are also available.

The Fine Arts and Physical Education Building provides classrooms for music, art, drama, physical education and general education. Space is also provided for closed-circuit television.

HOUSING FACILITIES

The College does not provide housing facilities for its students. However, assistance is given to students who desire aid in obtaining housing.

PHILOSOPHY

Lawson State Junior College believes in the American ideal that every human being is of equal worth and should have the opportunity to develop to his fullest capacity. To foster this belief, the College adheres to an open-door policy and endeavors to provide high level instruction at the lowest possible cost. Lawson State exists primarily to prepare citizens for places of leadership and service in society. As a result, the College encourages each student to gain personal satisfaction through developing his potential, acquiring social awareness, accepting civic responsibility, and promoting better human relations.

It is the special obligation of the College to work with the disadvantaged. Many of its students come with socio-economic backgrounds which render them unprepared to perform at a college level. The College continuously seeks to help these students find themselves as they participate in special activities focused on the creative development of instruction, job-oriented learning pursuits, developmental programs, and innovative provisions for independent study where each student can develop at his own rate.

It is also the special obligation of the College to help its students develop qualities of leadership and initiative, capacity for independent thinking and judgment, competence to express ideas clearly in speaking and writing, skills to read and listen with understanding, appreciation for beauty, discernment of desirable values, commitment to moral integrity, and that desire for life-long learning which invariably leads to the fulfillment of life's purpose.
GENERAL ADMISSION

ADMISSION REQUIREMENTS FOR COLLEGE PROGRAMS

I. Students Who Have Never Attended College
   A. Graduates of regionally and state accredited high schools are academically eligible for admission.
   B. Graduates of non-accredited high schools may be admitted provided they present official certificates which indicate successful completion of four-year courses of study on the secondary study level and based on at least 16 Carnegie Units.
   C. Applicants who cannot comply with either A or B above may submit a Certificate of High School Equivalency issued by Alabama or other State Departments of Education or satisfactory scores on the General Education Development Test.
   D. An applicant who does not have a high school diploma or the equivalency certification may be admitted if he has earned one less than the corresponding equivalent credits for high school graduation that the required by the Alabama State Board of Education through its accrediting standards. The number of credits required for graduation at the close of the school year in which the student last attended shall be the number considered in carrying out this policy.
   E. Applicants may be admitted conditionally pending receipt of high school transcripts or other necessary requirements for admission. No student will be allowed to continue past his initial quarter or have a transcript of grades sent to another institution until all requirements for admission are met.

II. Transfer Students From Other Colleges and Universities
   Any applicant who has previously attended another college or university will be considered a transfer and will be required to furnish an official transcript of all work attempted at all institutions before he will be considered for admission to Lawson State Junior College.
   A. Only those courses completed at other post-secondary institutions with a passing grade or better will be accepted for transfer.
B. Transfer students whose cumulative grade point average is less than 2.00 on a 4.00 scale will be admitted only on academic probation and they will be subject to the same probation and suspension regulations as returning students at Lawson State Junior College.

C. Any applicant who is on academic suspension from another post-secondary institution may be considered for admission to the junior college upon appeal to the College Admissions Committee.

D. Students who are on permanent academic suspension from other institutions may, after twelve months duration, be considered for admission upon appeal to the College Admissions Committee.

E. Any applicant who has been suspended from another institution for disciplinary reasons will not be considered for admission to Lawson State Junior College except upon appeal to the College Admissions Committee.

III. Students Seeking Re-Admission

A. Applicants previously admitted for a specific quarter who did not enroll will be required to complete a new application form for admission.

B. Former students, previously enrolled at this college, who have not been in attendance during one or more quarters, summer school excluded, will be required to complete a readmission application form. (If these students have attended a college elsewhere during this period, official transcripts are to be mailed to the Admissions Office.)

IV. Special Students

Applicants not meeting the requirements stated above may be admitted only to non-credit programs.

PROCEDURE FOR MAKING APPLICATION FOR ADMISSION TO COLLEGE PROGRAMS

I. Students Entering Lawson for the First Time

A. Obtain an application packet either in person or by written request from the Admissions Office. (There is a request form in the back of this catalog.) This action should be taken as early as possible prior to the quarter
in which the student plans to enroll. Applications should be submitted at least ten days prior to the registration period.

B. Fill out the included forms carefully and accurately.

C. Return these completed forms to the Admissions Office together with a recent photograph.

D. Students should request that transcripts be sent.
   1. High school graduates should request that the high school from which they graduated mail an official transcript of their scholastic record directly to the Admissions Office.
   2. Transfer students should request that official transcripts from all colleges attended be sent to the Admissions Office.

E. Students will be advised when to report.
   1. High school graduates will be advised by letter of the date on which they are to report for testing and orientation.
   2. Transfer students will be advised by letter of the date on which they are to report for registration.

II. Students Seeking Re-Admission

A. Obtain and fill out a re-admission form from the Admissions Office.

B. Students requesting re-admission will be informed of the date on which they are to report for registration.

PROBATION AND SUSPENSION

1. Any Student who does not achieve a grade point average of 1.0 (D) on all quarter credit hours attempted during any quarter or who fails to achieve a cumulative grade point average of 1.0 (D) will be placed on academic probation.

2. A student on probation should take a reduced load.

3. Any probation student who fails to make a 1.0 (D) grade point average on credit hours attempted during the first quarter of work taken after being placed on probation will be suspended for one quarter.

4. If a student re-enrolls after suspension he will be on probation.

5. A student is removed from probation any quarter when he achieves a cumulative grade point average of 1.0 (D).
6. A second suspension will result at the end of the quarter on probation if a 1.0 (D) average is not achieved. The second academic suspension will be of twelve months duration.

7. A student may be considered for re-admission after the second suspension only upon appeal to the College Admissions Committee.

8. The part-time student is subject to the regular probation and suspension policy.

9. Any full-time student who fails to pass at least 5 quarter hours work in any one quarter may be suspended for one quarter.

TUITION AND FEES

I. College Programs

A. Application fee for all new students ............$ 5.00 (non refundable)

B. Residents of Alabama

   The following tuition and fees are required for Alabama Students:
   1. Full-time Students:
      General tuition, per quarter ................ 67.50
      (Registration fee included in above)
   2. Part-time Students (less than 12 quarter hours):
      Tuition per quarter hour (Not to exceed a total of $67.50 per quarter) ................ 6.50
   3. Late registration fee (incurred if registration is not completed on designated date without special provision being made) ................ 10.00

C. Out-of-State Students

   The following tuition and fees are required for out-of-state students:
   1. Full-time Students:
      General tuition, per quarter ................ $122.50
      (Registration fee included in above)
   2. Part-time Students (less than 12 quarter hours):
      Tuition per quarter ....................... 13.00
   3. Late registration fee incurred if registration is not completed on designated date (without special provisions being made) ................ 10.00
D. Refund Policy

A student who officially withdraws from the college before completing the term may claim a partial refund under certain conditions. The official withdrawal procedure is stated on page 26 of this general catalog. If such withdrawal is made after registering, but before classes begin, he may claim a full tuition refund. He may not claim a refund after the end of the third week. During the first three weeks, the following proration of tuition will be refunded:

- Withdrawal during first week....75% of fees refunded
- Withdrawal during second week..50% of fees refunded
- Withdrawal during third week....25% of fees refunded
- After the close of third week........No fees refunded

E. Special Fees

- Transcript Fee: One transcript will be provided free of charge. A fee of $1.00 will be required for each additional transcript.
- A diploma fee equal to the actual cost of the diploma may be charged.
- Auditing fee is $6.50 per quarter hour.

TRANSPORTATION AND STUDENT INSURANCE

Express school buses will provide free transportation for enrolled students within the school transportation area. Students should contact the office of the Director of Auxiliary Services for information about transportation routes. All students riding on school buses are requested to carry an insurance policy providing against injuries sustained while riding these buses. This policy costs $6.50 per school year, and should be paid at registration.

GENERAL REGULATIONS

CONDUCT

The staff members of the College have a genuine concern for the integrity of all entering students. It is assumed that these students have developed mature behavior patterns sufficient that they will refrain from participation in any acts that are deemed irregular and that their attitudes are beyond reproach.
The College does not permit in any way the consumption or possession of alcoholic beverages on the campus or at college sponsored functions. The possession of weapons of any kind is expressly forbidden.

Students who violate policies of the College will be faced with such action assumed fitting to the individual case.

ATTENDANCE AND ABSENCES

Students are expected to attend all classes for which they are registered. Each student should recognize at the beginning of his college career that a mature acceptance of his responsibilities as a student is a requisite for reasonable accomplishment in college work, particularly in the area of class attendance. It should be understood by all students that no student can do his best work or obtain the total and effective benefit from class offerings without regular class attendance.

The student may find that his academic standing in a course where absences are incurred is jeopardized. All instructors keep attendance records and will measure them against the student's performance. Excessive absences, as determined jointly by the instructor, department head, and academic dean, may disqualify a student in any course. Students are to consult with their instructors about absences, in advance where possible or immediately upon returning.

ASSEMBLIES

All students are required to attend regular assemblies, as well as any special features considered essential to progress at the College.

SCHEDULE CHANGES

A. Schedule Change

1. Drop/Add
   A student who has a justifiable reason for making a schedule change may do so during the official Change in Registration period by: (1) obtaining a Drop/Add Form from the Records Office, (2) reporting to the Business Office to pay fees for course changes, and (3) turning in receipt and Drop/Add Form to the Records Office.
2. Changing from Credit to Audit
Students registered for credit may change to audit at any time up through the date of Mid-quarter Grade Reports. No change from credit to audit will be permitted after this date. Changes must be made with the instructor and in the Office of Admissions and Records. Students who choose to change from credit to audit are required to attend classes in the same manner as students who are taking the class for credit, and audit students must perform normal class activities. The only exception to this is that the audit student is not required to take the final examination.

If the audit student's absences exceed the allowable number, or if the audit student does not perform class activities assigned to him by the instructor, the instructor may change his grade from Audit to F on the Final Grade Report. Students who have already exceeded the number of allowable absences may not change from credit to audit.

B. Withdrawals

1. Withdrawal from a Course
A student who wishes to withdraw from a course after the official Change in Registration period may do so by obtaining a “Withdrawal from Course” form in the Records Office and by processing the form. During the first three weeks of classes, the student will receive a grade of W for any course dropped.

After the first three weeks of classes, the instructor will assign a grade of W if the student is doing satisfactory work at the time of withdrawal or F if his unsatisfactory. (Note: consult “Changing from Credit to Audit”)

2. Withdrawal from the College
A student may withdraw at any time during the term by obtaining a “Withdrawal from the College” form from the Records Office and having it processed. Official notices of withdrawal will be sent to the instructor(s), to the Department of Records, and, for veterans, to the Office of Special Services. A grade of W (withdrawal not failing) will be assigned provided the above procedure is followed and the student is passing at the time of withdrawal.
A grade of F will be assigned if the student does not follow the above procedure or if he is doing failing work at the time of withdrawal.
VETERANS AFFAIRS

For educational benefits, a veteran must submit both copies of his Certificate of Eligibility to the school official for completion.

A veteran enrolled in the Cooperative Program may elect the Cooperative Plan or the Institutional Plan for his educational benefits. If he elects the Cooperative Plan, he must remain under this plan for a cycle (2 quarters) before he can change to the Institutional Plan.

SOCIAL SECURITY

To be eligible for social security benefits, a student who qualifies must be pursuing a full-time course of study (12 credit hours). No benefits will be paid a student who drops below full time.

FINANCIAL AID

Lawson State Junior College makes every effort to help those students who sincerely desire to pursue a college education. For those students who need financial assistance, various financial aid programs are available.

There are several categories of financial aid: Loans, grants, and work-study. Every effort is made to tailor a program of financial support to meet the needs of the individual student. This usually involves one or a combination of the various types of aid. Most aid programs are renewable each year.

Although the college attempts to assist all needy students, it recognizes that the responsibility for the cost of education rests first with the family.

Application Procedure

In order to be considered for financial assistance a student must:

1. Submit the Parents' Confidential Statement or Student's Financial Statement to the proper regional office of the College Scholarship Service.
2. Be accepted for admission by Lawson State Junior College.
3. Demonstrate financial need.

Renewal of Financial Aid

1. Financial assistance is awarded annually and must be applied for annually.
STUDENT PERSONNEL SERVICES OFFICE

The Office of Student Personnel Services provides personal, educational, and vocational assistance to all students enrolled in Lawson State Junior College.

A staff of professionally trained counselors and staff members are available to assist the individual student in evaluating his potential for success as he selects a program of study.

An orientation program is available to all new students. The program is designed to provide the new student with a knowledge of the physical environment of the campus and the college community, to provide a fundamental knowledge of the educational offerings and requirements for the college, and to provide the student with specific and individual counseling for his initial registration. Provision will be made for individual conferences among students, counselors and faculty.

Various kinds of tests are administered according to the need as viewed by the counseling staff and approved by the Dean of Academics.

Students may discuss course choices, educational opportunities and related matters with the student personnel staff. The staff specializes in obtaining information about course equivalencies, requirements at other colleges, and transferring to other institutions.

Students are encouraged to make wise use of all services made available by the Student Personnel Office. Every student enrolled is assigned a faculty adviser. Students are encouraged to discuss their plans, problems, and needs with their faculty advisers or other members of the counseling staff.

COOPERATIVE EDUCATION PROGRAM

The Cooperative Education Program is a pilot program open to majors in all transfer disciplines offered at the College. The objective of the program is to provide a balanced education where occupational experience is an integral part of formal education, and theory is blended with practice. In addition to regular classroom and laboratory experiences, the program acquaints the student with the world of work and a professional environment. The additional objectives of the program are to provide relevance in the educational process and direction in career planning, and to bring business, industry, and governmental agencies close to the educational program of the college.
BOOKSTORE

Located in the Student Union Building is the Lawson bookstore, a convenient place where students may purchase textbooks, supplies, and course-related materials. In addition to academic materials, students will find a selection of non-academic items such as Cougar sweatshirts and windbreakers, decals, etc.

Students desiring to sell used books may do so on the days final examinations are given, beginning with the first day of exams. Used, as well as new books are sold during the regular hours of operation which are 8:00 a.m. until 4:00 p.m., Monday through Friday. The operating schedule for night students is announced during registration each quarter.

STUDENT HEALTH SERVICES

All illnesses and accidents occurring during school hours should be referred to the College Nurse for students and the counselors.

MOTOR VEHICLE REGISTRATION

Each student must register his motor vehicle with the Division of Auxiliary Services when he registers to attend classes. He should be prepared to give his license number, make and model of his vehicle, and the name of his liability insurance company. If the vehicle is brought on campus after registration for classes, it must be registered immediately. Any motor vehicle, regardless of ownership, that is to be operated on the campus by the student must be registered. There will be a $2.00 charge for each registration.

At the time the vehicle is registered, the operator will receive an identification decal which should be displayed as follows: Automobiles with the exception of convertibles: driver's side of the rear-view window (back side); Convertibles: right front windshield; Motorcycles, motorbikes, etc.: on any space on frame or gas tank. Only the current decal should be displayed; old ones are easily removed, and they should not be displayed after they expire. Permits expire yearly on the last day of the summer quarter.

Changes in vehicle ownership must be reported immediately to the Director of Auxiliary Services. The parking decal authorized the student to park his vehicle on campus. Parking space is limited and parking will be on a "first come" basis. Each vehicle the student operates on campus must be registered.
STUDENT ACTIVITIES

The students at Theodore Alfred Lawson State Junior College are encouraged to participate in activities at the college and to derive from that participation experience in self-government.

STUDENT GOVERNMENT

The governing body of the students is the Student Government Association, popularly known as SGA. The SGA is composed of five officers elected by the entire student body, elected representatives from each class and the presidents of the classes and Inter-Club Council.

ORGANIZATIONS

The Alpha Theta Phi Library Society is an organization that promotes a greater interest among students in the use of books and libraries. Membership is open to all interested persons. The organization promotes activities during National Library Week, sponsors several literary programs during the year, and culminates its activities with a spring social.

The Art Guild promotes an interest in art and art activities. It is open to all students interested in art. The organization sponsors art shows, lectures, and is responsible for school decorations for various programs.

The Business Club encourages students to enter the field of business. The organization sponsors business workshops and a typing contest among high school students. It recognizes the "Secretary of the Year" and gives an annual social affair.

The Concert Choir offers opportunity for further development of the aesthetic appreciation in students through song. Students are trained in choral activities. The choir presents special programs on the campus, in the community and in other cities.

The Debating Society stimulates discussion on topics pertinent to self-realization. Membership is open to all students with alert minds and to those who are willing to prove a point.

The Golden Key Club seeks to acquaint the student with the objectives and goals of education in the American society. During American Education Week, this club sponsors special programs such as lectures, field trips of educational interest and a social hour for respected educators. Membership in the Key Club is open to all students who plan to enter the teaching profession.
The Inter-Club Council coordinates all clubs on the campus. Its membership is composed of all club presidents. This organization co-sponsors with the Student Government Association all school activities, and seeks ways to improve the club program.

The Music Club encourages an interest in participation in musical activities and events of a cultural nature. The organization participates in all campus activities, musical activities and activities of a cultural nature.

The Physical Education Club stresses the importance of physical fitness on the part of every student. It is open to all students, and sponsors all sports events.

Mu Beta Chi Phi, the science-mathematics club, proposes to broaden the science-mathematics experiences of Lawson State Junior College science-mathematics students and to share these experiences with the College family and with other students and teachers. It further proposes to assist in developing greater awareness of these academic areas and their relationships to daily life in the local community. Through field trips, seminars, workshops, and special assemblies, the club provides opportunities for active participation of all of its members.

Alpha Sigma Mu Fraternity is an organization of the Schools for Veterans. Each member must have a service record with the Armed Forces of the United States. He also must have and maintain a scholastic average of 2.5 throughout his membership in the Fraternity.

Each year the Fraternity gives a $250 scholarship to a graduating senior who is a child of a veteran. In addition to other activities, it sponsors a book exchange at the beginning of each quarter and solicits the support of all veterans on the campus.

ADULT EDUCATION AND COMMUNITY SERVICES

The community service function is to provide programs, courses, and activities to serve those individual and community needs not served by the regular academic program.

Community Service Programs are an important element in the Lawson State Junior College concept of the “Community College.” Community Service Programs provide opportunities for individuals in the community to participate in programs and activities of the College. Basically, Community Service Programs are designed to provide continuing education opportunities, cultural or community enrichment studies, personal entertainment,
recreation, and means of meeting special needs of industry, government, and professional groups.

Special non-credit courses for technological personnel will also be offered in accordance with interest and demonstrated community need.

Some areas in which courses may be offered are as follows:

- Art
- History
- Literature
- Music
- Personal Shorthand
- Personal Typewriting
- Basic Bookkeeping
- Income Tax
- Psychology
- Reading Improvement

Effective Communications
Vocabulary Building
Investments
Physical Fitness
Book Reviews
Conversational French or Spanish
Home Beautification
Radiological Monitoring
and Survival

For further information write or call the Office of the Dean of Instruction, Lawson State Junior College.

FRESHMAN ACADEMIC DEVELOPMENT PROGRAM (FAD)

The Freshman Academic Development Program under the management of the Southern Association of Colleges and Schools and with the cooperation of the College is a special program designed to render academic assistance to students who have failed to qualify for a college admittance or whose chances for college success are remote by reason of educational deficiencies, limited preparation or because of family problems.

Students are enrolled as regular freshmen assigned to the Freshman Academic Development Program.

The purpose of this program, which will provide various developmental and preparatory studies, is to increase the students' level inherent for collegiate work, thereby enabling them later to enter the regular college more adequately equipped to cope with an advanced curriculum. Moreover, an endeavor to determine the causes of poor academic performance among normally intelligent students will be sought.
FRESHMAN ACADEMIC DEVELOPMENT PROGRAM

This is the schedule set up by the Freshman Academic Development Program that each student will follow.

Changes will occur subject to approval by the Coordinator.

FIRST QUARTER

<table>
<thead>
<tr>
<th>Hours</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Reading</td>
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<tr>
<td>Writing</td>
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</tr>
<tr>
<td>Speaking &amp; Listening</td>
<td></td>
</tr>
<tr>
<td>Reaction Ideas</td>
<td></td>
</tr>
<tr>
<td>News Analysis</td>
<td></td>
</tr>
<tr>
<td>Survey of Math</td>
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<tr>
<td>P.E. 101</td>
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<tr>
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SECOND QUARTER

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<tr>
<td>Writing</td>
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<tr>
<td>Speaking &amp; Listening</td>
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<tr>
<td>Reaction Ideas</td>
<td></td>
</tr>
<tr>
<td>News Analysis</td>
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</tr>
<tr>
<td>Math 101</td>
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<tr>
<td>P.E. 103</td>
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</tr>
<tr>
<td>Elective</td>
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</table>

READING ENRICHMENT PROJECT

Theodore Alfred Lawson State Junior College adheres to the conviction that reading is one of the most important study tools for developing certain concepts and appreciations. The English Department shares this conviction and for the College, the Department accepts the responsibility of searching diligently for solutions to the problems of reading incompetence which reveals itself in failing or mediocre academic performance by some of the students. The College also provides programs in reading enrichment for students who desire to further and improve reading skills and appreciation.

Constant evaluation of the reading program revealed a need to serve more students in small groups and as individuals; therefore, a proposal was submitted to the federally sponsored Right
to Read Commission. The proposal was accepted and the College has a Right to Read Community Based Center for planning and implementing the best, most effective programs for its students and the community.

The Right to Read Community Based Center has developed to Departmental status with a reading specialist as director, a Unit Task Force for immediate administrative planning and a staff of teachers, tutors and clerical assistants.

**GRADING SYSTEM**

Letter grades are assigned for all courses for which students have registered as follows:

- A—Excellent (90-100)
- B—Good (80-89)
- C—Average (70-79)
- D—Poor (60-69)
- F—Failure (below 60)
- W—Withdrawal
- I—Incomplete
- AU—Audit
- NC—Non-Credit

Satisfactory grades are A, B and C. Most colleges and universities will not accept a transfer of "D".

A grade of "W" will be assigned to a student who officially withdraws from the College or from a course provided he is passing at the time of withdrawal.

At the end of a quarter, an instructor assigns an "I" (incomplete) to a student who has not completed the required work for a course. If the instructor has not informed the Registrar of a grade change by mid-quarter of the following quarter, the "I" is changed to an "F", on the student's permanent record.

If the student registers for a course which already appears on his permanent record as an "I", the "I" shall immediately become an "F".

It is the student's responsibility to make the necessary arrangement with an instructor for the removal of an "I". If the instructor is not available, arrangements must be made with the chairman of the division in which the "I" was given.

A grade of "F" will be assigned to a student who voluntarily discontinues class attendance without following the procedure outlined in this catalog. Also, a grade of "F" will be assigned to a student who officially withdraws from the College or from a course if the student is doing failing work at the time of withdrawal. A grade of "F" will be assigned to a student who fails to meet the requirements of the course.
GRADE REPORTS

Grade reports are issued at the close of each quarter by the Registrar. The individual reports are mailed to the student’s parents or guardian.

FINAL EXAMINATIONS

Final examinations are held in all subjects at the close of each quarter. A final examination schedule is posted each quarter by the Dean of Instruction. Examination attendance is mandatory.

QUALITY POINTS

Points are assigned to grades:

- A — 4 quality points per hour
- B — 3 quality points per hour
- C — 2 quality points per hour
- D — 1 quality point per hour
- F — 0 quality point per hour

The student’s scholastic standing or quality point average is obtained by dividing his total number of quality points by the total number of quality hours for which the grades of A, B, C, D or F are assigned including Physical Education. A course repeated is counted as many times as such grades are recorded.

A student must earn a total quality point average of 2.0 in order to be eligible for graduation.

A student will be placed on probation when his quality points fall below 1.5.

DEAN’S LIST

The Dean’s List is compiled each quarter. To qualify for the Dean’s List, a student must be taking a minimum of 15 hours and achieve a quality point of 3.0 for the quarter.

PREREQUISITES

A student who fails in the first course of a sequence cannot take the succeeding courses before he has made up the failure. Prerequisites for a course must be met before the course is taken unless permission to omit the prerequisites is obtained from the instructor of the course, the division chairman, and the Dean.
MAXIMUM AND MINIMUM COURSE LOADS

The normal quarterly load for a student for any year shall be the maximum number of credit hours prescribed in the curriculum for any quarter of that year. The maximum load for a regular student who failed to maintain a “C” average the preceding quarter is 15 quarter hours. The minimum load for a regular full-time student is 12 quarter hours. An average student earns 48 quarter hours in three quarters.

GRADUATION

Theodore Alfred Lawson State Junior College awards the Associate in Arts, the Associate in Science, and the Associate in Applied Science Degrees or Certificate.

a. The Associate in Arts Degree is awarded to students completing the University Parallel Program and the General Education Program.

b. The Associate in Science Degree is awarded to students who satisfy the requirements of a Specific University Parallel Program outlined in this catalog. This degree is designed for those students who plan to transfer to a four-year institution and pursue a program of study requiring specialization on the Freshman and Sophomore levels.

c. The Associate in Science Degree is also awarded to students who satisfy the basic requirement in the General Education Program for the Associate in Science Degree.

d. The Associate in Applied Science Degree or Certificate is awarded to students who satisfy the requirements of a Special Terminal Program outlined in this catalog and is awarded in this particular program of study. For details, see the section, “Applied Science”.

DEGREE REQUIREMENTS

1. Complete not less than 96 quarter hours of college credit work in a planned program of study.

2. Earn at least 2.0 (C) grade point average in the courses taken for graduation. In the Transfer Program, the student should have a 2.0 (C) grade in each course taken for transfer credit.

3. Complete at least 48 quarter hours at Theodore Alfred Lawson State Junior College and be in attendance during the quarter in which the degree is earned.

4. Submit application for graduation to the Dean of the College.
5. Fulfill all financial obligations to the College.
6. Remove all admission conditions.

PROGRAMS OF STUDY
THE BASIC CURRICULUM FOR GRADUATION

THE GENERAL EDUCATION PROGRAM

The general education program is defined in a behavioral sense affirming that which prepares a man to live more fully as a person and more effectively as a citizen. Students enrolled in Lawson State differ greatly in experiences, needs, capacities, aspirations, and interests. Therefore, the general education program aims to help each student increase his competence in

1. Exercising the privileges and responsibilities of democratic citizenship.
2. Developing a sound set of moral and spiritual values by which he guides his life.
3. Developing qualities of leadership and initiative.
4. Expressing ideas clearly in speaking and writing; developing skills to read and listen with understanding.
5. Using the basic mathematical and mechanical skills necessary in everyday life.
6. Using methods of critical thinking for the solution of problems and for discrimination among values.
7. Understanding his cultural heritage so that he may gain a perspective of his time and place in the world.
8. Understanding his interaction with his biological and physical environment so that he may better adjust to and improve that environment.
9. Maintaining good mental and physical health for himself, his family and his community.
10. Sharing in the development of a satisfactory home and family life.
11. Achieving a satisfactory vocational adjustment.
12. Taking part in some form of satisfying creative activity and in appreciating the creative activities of others.
I. The General Education Program for Associate in Arts Degree

<table>
<thead>
<tr>
<th>Division of Language Arts</th>
<th>Hours' Credit</th>
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<tbody>
<tr>
<td>English — Freshman Composition</td>
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<tr>
<td>Literature — World, American or English Literature</td>
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<table>
<thead>
<tr>
<th>Division of Social Sciences</th>
<th>Hours' Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
<td>10</td>
</tr>
<tr>
<td>These units may include American History or History of Western Civilization.</td>
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</tr>
<tr>
<td>Other Social Sciences</td>
<td>10</td>
</tr>
<tr>
<td>This area includes Economics, Geography, Psychology, American Government, and Sociology.</td>
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<table>
<thead>
<tr>
<th>Division of Science and Mathematics</th>
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<td>Science and Mathematics</td>
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<tr>
<td>Course work may be selected from Biology, Chemistry, College Mathematics, College Algebra, Trigonometry, or Physical Sciences.</td>
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<table>
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<th>Division of Health, Physical Education, and Recreation</th>
<th>Hours' Credit</th>
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<td>Health and Physical Education</td>
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<table>
<thead>
<tr>
<th>Division of Fine Arts</th>
<th>Hours' Credit</th>
</tr>
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<tbody>
<tr>
<td>Art, Music or Speech</td>
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<table>
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<tbody>
<tr>
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</tr>
</tbody>
</table>

The 24 additional units may include courses in English, history, science, mathematics, foreign languages, speech, or other approved courses.

In addition to the General Education Program listed above, the student must complete the appropriate University Parallel Program outlined in this catalogue.

II. The General Education Program for Associate in Science Degree

<table>
<thead>
<tr>
<th>Division of Language Arts</th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Literature — World, American or English Literature</td>
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</tbody>
</table>
### Division of Social Sciences
- **General Social Science** ........................................ 10  
  - History, Economics, Geography, Psychology, Political Science, Sociology

### Division of Science and Mathematics
- **Science** .................................................. 10  
  - Biology, Chemistry, Physical Sciences
- **Mathematics** ............................................... 5

### Division of Health, Physical Education, and Recreation
- **Health and Physical Education** .................. 6

<table>
<thead>
<tr>
<th>Total Basic Credits</th>
<th>*Must be in the field of concentration or related fields.</th>
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</thead>
<tbody>
<tr>
<td>46</td>
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<table>
<thead>
<tr>
<th>*Additional Applied Credits</th>
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<tbody>
<tr>
<td>50</td>
<td>96</td>
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</table>

In addition to the General Education Program listed above, the student must complete a Specific University Parallel Program outlined in the following areas:

#### UNIVERSITY PARALLEL PROGRAMS

Transfer programs leading to the Associate in Arts and the Associate in Science Degrees, are offered in the following areas:

<table>
<thead>
<tr>
<th>Agriculture</th>
<th>Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>Medical Secretary</td>
</tr>
<tr>
<td>Business Administration</td>
<td>Medical Technology</td>
</tr>
<tr>
<td>Dentistry</td>
<td>Medicine</td>
</tr>
<tr>
<td>Dramatic Arts</td>
<td>Music</td>
</tr>
<tr>
<td>Economics</td>
<td>Pharmacy</td>
</tr>
<tr>
<td>Health, Physical Education &amp; Recreation</td>
<td>Science</td>
</tr>
<tr>
<td>Journalism</td>
<td>Secretarial Science</td>
</tr>
<tr>
<td>Law</td>
<td>Social Work</td>
</tr>
<tr>
<td>Legal Secretary</td>
<td>Teacher Education (Elementary)</td>
</tr>
<tr>
<td>Liberal Arts or General Education</td>
<td></td>
</tr>
</tbody>
</table>

Universities vary the nature and number of pre-professional requirements which should be taken, in addition to General Education, during the freshman and sophomore years. Students who have determined which profession or occupation they plan
to enter should study the list of courses prescribed under the proper pre-professional program.

It is the student's responsibility to become familiar with the requirements of the senior institution to which he may transfer. Because of changing professional requirements at various senior institutions, students may find it advisable to consult with program advisers at the junior college before registering for professional courses.

COURSE ABBREVIATIONS

The following are the official catalog course abbreviations to be used by Theodore Alfred Lawson State Junior College:

Art (Art)  Bio (Biological Science)  Bus (Business)  Ch (Chemistry)  Ec (Economics)  Ed (Education)  EDP (Electronic Data Processing)  Eh (English)  El (Electronics Media Technology)  Fr (French)  Gy (Geography)  HPR (Health, Physical Education and Recreation)  Hy (History)  Jou (Journalism)  Mh (Mathematics)  MST (Management and Supervision)  Mu (Music)  Nur (Nursing)  Phy (Physics)  Pol (Political Science)  PS (Physical Science)  Psy (Psychology)  Soc (Sociology)  Sp (Speech)  Spa (Spanish)

Catalog numbers ending with the number one (as Eh 101) indicate that the course is ordinarily to be considered as the part of a continuation course consisting of two quarters work; the catalog number of the second part of the course ends with the number two (as Eh 102). Granting credit in these courses is not necessarily dependent upon completing the sequence. However,
to satisfy requirements in such project areas, it is generally necessary to take the continuation course.

The notation following the title of each course indicates the quarter hours of credit granted during each of the quarters involved and the distribution between class and laboratory hours.

Courses numbered 100 through 199 are primarily for freshmen; courses numbered 200 through 299 are primarily for sophomores. Courses requiring no prerequisites are open to all students regardless of the catalog number.

The college reserves the right to withdraw any course for which the demand seems insufficient. The term credit indicates the number of "quarter hours credit" granted upon the successful completion of a course.

TRANSFER PROGRAMS

PRE-LIBERAL ARTS OR GENERAL COURSE

Associate in Arts Degree

This program is arranged for students who plan to continue general or liberal arts courses. The student should elect as early as possible the college where he plans to complete the last two years of work for the bachelor's degree. Substitutions of courses in the program may be made upon the recommendation of the adviser and with the approval of the Dean.

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th></th>
<th>SPRING</th>
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<tr>
<td>FALL</td>
<td>WINTER</td>
<td>SPRING</td>
<td></td>
</tr>
<tr>
<td>Eh 101</td>
<td>5</td>
<td>Eh 102</td>
<td>5</td>
</tr>
<tr>
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<td>5</td>
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<td>5</td>
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<tr>
<td>Mh 101 or 112</td>
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<td>Mh 102 or 113</td>
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<td>HPR Elective</td>
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<tbody>
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<tr>
<td>Bio 101</td>
<td>5</td>
<td>Bio 102</td>
</tr>
<tr>
<td>HPR Elective</td>
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<td>HPR Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Art 101</td>
</tr>
<tr>
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</tr>
<tr>
<td>16</td>
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<td>19</td>
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</table>
**PRE-TEACHER EDUCATION**  
Associate in Science Degree

**ELEMENTARY EDUCATION**

This program is designed for those who plan to teach in elementary schools.

**FIRST YEAR**

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<tr>
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<th>Qr. Hrs.</th>
<th>WINTER</th>
<th>Qr. Hrs.</th>
<th>SPRING</th>
<th>Qr. Hrs.</th>
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</thead>
<tbody>
<tr>
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<td>Eh 102</td>
<td>5</td>
<td>Sp 110</td>
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<th>Qr. Hrs.</th>
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<tbody>
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<td>5</td>
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<td>P.Sc. 101</td>
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<td>P.Sc. 102</td>
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<td>Ed 232</td>
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<td>Psy 201</td>
<td>5</td>
<td>Gy 101</td>
<td>5</td>
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<tr>
<td>Mu 108</td>
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<td>Art 204</td>
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<td><strong>19</strong></td>
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**PRE-BUSINESS ADMINISTRATION**  
Associate in Arts Degree

This program is designed for those who are interested in following a career in business administration.

**FIRST YEAR**

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<tr>
<th>FALL</th>
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<th>Qr. Hrs.</th>
<th>SPRING</th>
<th>Qr. Hrs.</th>
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<td>Eh 102</td>
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<tr>
<td>Hy 201</td>
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<td>Hy 202</td>
<td>5</td>
<td>Bus 121</td>
<td>5</td>
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<td>Mh 101</td>
<td>5</td>
<td>Mh 102</td>
<td>5</td>
<td>Bus 151</td>
<td>5</td>
</tr>
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<td>Bus 101</td>
<td>3</td>
<td>Bus 102</td>
<td>3</td>
<td>Bus 103</td>
<td>3</td>
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<td>HPR 102</td>
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<td>HPR 103</td>
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**SECOND YEAR**

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<td>Art 101</td>
<td>3</td>
<td>Psy 201</td>
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</table>
### PRE-MEDICAL TECHNOLOGY

**Associate in Arts Degree**

This program comprises the courses required in the first two years in medical technology curriculum.

#### FIRST YEAR

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<th>FALL</th>
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<th>WINTER</th>
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<td>Sp 110</td>
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<td>5</td>
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<td>Mh 113</td>
<td>5</td>
<td>Mh 214</td>
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<td>Ch 101</td>
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<td>Ch 102</td>
<td>5</td>
<td>Ch 103</td>
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#### SECOND YEAR

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<td>Phy 211</td>
<td>5</td>
<td>Phy 212</td>
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<td>Phy 213</td>
<td>5</td>
</tr>
<tr>
<td>Mh 215</td>
<td>5</td>
<td>Mh 216</td>
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<td>Mh 217</td>
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<td>Psy 201</td>
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<td>HPR 202</td>
<td>1</td>
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</tbody>
</table>

### PRE-LAW

**Associate in Arts Degree**

This program is designed for those who plan to study law.

#### FIRST YEAR

<table>
<thead>
<tr>
<th>FALL</th>
<th>Qr. Hrs.</th>
<th>WINTER</th>
<th>Qr. Hrs.</th>
<th>SPRING</th>
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<td>Foreign Language</td>
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<td>5</td>
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#### SECOND YEAR

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PRE-MEDICINE OR PRE-DENTISTRY
Associate in Arts Degree

The courses listed in this program are suggested for those students who plan to enter the profession of medicine or dentistry. Upon completion of this program, the student may be admitted to a senior institution to complete the preparation for admission to a school of medicine or dentistry.

FIRST YEAR

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
<th>SPRING</th>
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</thead>
<tbody>
<tr>
<td>Eh 101</td>
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SECOND YEAR

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PRE-PHARMACY
Associate in Arts Degree

This program is designed for those who plan to study pharmacy.

FIRST YEAR

<table>
<thead>
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<th>WINTER</th>
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PRE-AGRICULTURAL-SCIENCE
Associate in Arts Degree

This program is designed for those who plan to major in agriculture.
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PRE-SECRETARIAL SCIENCE

Associate in Arts Degree

This program is designed for students who wish to transfer to a four-year college or university as a business education major.

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APPLIED SCIENCE-TERMINAL PROGRAMS*

Terminal programs are designed for students who wish to prepare for a career through a short intensive program and at the same time enjoy the rewards of some college general education.

A student can begin a terminal program any quarter and upon completion of requirements will receive an Associate in Applied Science Degree or Certificate.
It is possible for one to change his objective, either to some other terminal program or from a terminal program to a transfer program.

Programs offered in this area are:

- Allied Health Linkage Program
- Accounting
- Management and Supervision Technology
- Electronic Data Processing Technology
- Electronic Media Technology
- Secretarial Science
- Legal Secretary
- Medical Secretary
- Nursing Science (R.N.)
- Recreation Leadership
- Social Worker Technician
- Law Enforcement

ALLIED HEALTH LINKAGE PROGRAM

Allied Health Career programs are offered in conjunction with the Regional Technical Institute, University of Alabama in Birmingham. These programs allow a student to complete the general education requirements at Lawson State Junior College and the clinical and laboratory training at the Regional Technical Institute. After completing the requirements of both institutions the student will be awarded an Associate in Science or Associate in Applied Science Degree from Lawson State Junior College. Students presently may specialize in the following areas:

- Physical Therapy Assistant
- Medical Laboratory Technician
- Optometric Technician

Programs to be offered in the near future include the following:

- Dental Assistant
- Dental Lab Technician
- Bio-Medical Engineering Technician
- Histologic Technology
- Electroencephalographic Technician
- Dietetic Technician
- Surgeon's Assistant
- Radiological Technology
- Occupational Therapy
- Medical Data Processing
- Inhalation Therapy
GENERAL CATALOG — 1972-73

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MANAGEMENT AND SUPERVISION TECHNOLOGY

Associate in Applied Science Degree

This program is designed for those individuals who desire to be managers or supervisors in business and industry. It is a program which offers training in the basic principles of supervision such as planning, organizing, directing, controlling, and coordinating business and industrial endeavors. This training also covers techniques of personnel management, the history and development of the labor movement, significant economic developments, methods of improvements, cost determinations, the history of wages, problems of accidents and fires, the role of the supervisor in developing employees through training and basic principles of control.

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ELECTRONIC DATA PROCESSING TECHNOLOGY

The curriculum in electronic data processing technology provides opportunity for the student to acquire an understanding of the basic principles of computer circuit design and programming of modern electronic digital computers.
## ELECTRONIC MEDIA TECHNOLOGY

The prevalent use of electronic equipment in education/communication media has created additional career opportunities for those individuals who are interested in this field.

The development of "media centers" utilizing video tape systems, film projectors, closed circuit television and electronic oriented audio/visual devices, requires skilled operators and maintenance specialists.

This program is designed to enable students to acquire sufficient competence in the operation, installation and maintenance of video recorder/playback systems, closed circuit television systems, film projectors, and other allied audio/visual equipment.

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SECRETARIAL SCIENCE
Associate in Applied Science Degree

This program is designed for those who will enter the world of work after two years of college study.

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LEGAL SECRETARY
Associate in Applied Science Degree

This program is concerned with Business Behavior and Ethics as applicable to the Legal Secretary: A study of Legal Terminology; and Dictation and Transcription emphasis on office correspondence, and on Legal Forms and Documents.

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MEDICAL SECRETARY

This program is designed for the training of students who are seeking a career as a Medical Secretary or the General Secretary whose goal is a Medical Office position. Special emphasis is given to various types of forms and reports found in a Medical Office, Medical Procedures and Medical Terminology. Medical Dictation will be given.

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NURSING EDUCATION

Associate in Applied Science Degree

The Division of Nursing Education provides for its students a well organized two-year curriculum which includes general education and nursing courses. The program is designed to prepare both men and women to become registered nurses who can function with intellectual and technical competency in bedside nursing care. It combines studies at the College with a planned and guided experience in patient care in hospitals and health agencies in Jefferson County.

Special emphasis is placed upon preparation for the direct nursing care of patients in the five major clinical areas: medicine, surgery, obstetrics, pediatrics and psychiatry. With this educational background, the graduate is prepared for beginning bedside nursing positions in all clinical nursing areas. Furthermore, the general education which the student acquires will help him to be a more effective, productive citizen in his community.

ADMISSION REQUIREMENTS

To be eligible for admission to the Nursing Division, a student must meet all regular admission requirements and must
1. Attain the 40 percentile on the Pre-Nursing and Guidance examination.
2. Be in good health as determined by a medical examination.
3. Have a satisfactory interview with a member of the Nursing faculty.
4. Have written approval by the Alabama Board of Nursing (A legal requirement for all applicants).
5. Obtain an acceptable score on the mathematics placement test or make a grade of "C" or above in mathematics 101S.

RETENTION AND PROMOTION

Students registered in The Nursing program are expected to carry a program of instruction on a collegiate level and to maintain an average of "C" or 2.00 each quarter.

For nursing courses, the passing grade is "C" or above. "D" grade must be removed by repeating the courses including clinical content in courses offered.

A student's progress is evaluated through achievement on tests published by the National League for Nursing along with faculty evaluation.

Students continually in adjustment difficulties may be asked to transfer to programs suited to their personalities and capabilities.

The Nursing division expects students to conduct themselves according to principles of high morality and honor so that they will in no way bring discredit to the division.

GRADUATION REQUIREMENTS

1. The student must have a minimum grade point average of 2.0 and a "C" for each course.
2. The student must receive a score in the fiftieth percentile on all National League for Nursing Comprehensive tests.
   a. Maternal Child Nursing
   b. Medical-Surgical Nursing
   c. Psychiatric Nursing
   d. Pharmacology
3. The student must complete a minimum of 120 hours of prescribed courses; 56 quarter hours in General Education and 64 quarter hours in the area of Nursing.
COURSE OFFERINGS

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Summer Quarter Credits

Nur 104: 8
HPR(elect): 3
Psy 211: 5
Total Credits: 120 hrs.
General Education: 56 hrs.
Nursing Education: 64 hrs.

RECREATION LEADERSHIP

Associate in Applied Degree

This curriculum is offered for men and women who aspire to become leaders in the ever-growing field of recreation. The basic objective is to provide comprehensive study of various types of recreational activities and employment possibilities.

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SOCIAL WORKER TECHNICIAN
Associate in Applied Science Degree

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LAW ENFORCEMENT
Associate in Applied Science Degree

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DIVISION AND COURSE DESCRIPTION
DIVISION OF BUSINESS
Secretarial Science and Business Administration

Bus. 101. Introductory Typewriting.—3 credits 5 (1)
An introductory course in the touch system of typewriting for students with no previous instruction in typewriting.

Bus. 102. Intermediate Typewriting.—3 credits 5 (1)
Emphasis on correct techniques, different methods of practice used to develop skill and increase speed and accuracy.
Bus. 103. Advanced Typewriting.—3 credits  5 (1)
Further development of typewriting skills through the use of drills for speed and accuracy.

Bus. 104. Problems in Typewriting.—3 credits  5 (1)
Continuation of fundamental skill development with special attention to advanced problems as well as to speed and accuracy.

Bus. 105. Production Typewriting.—3 credits  5 (1)
This course is designed to train the student possessed of basic skills to produce with efficiency typewriting work that would be acceptable in most exacting business offices.

Bus. 111. Introductory Shorthand.—5 credits  5 (1)
Mastery of principles of Gregg Shorthand. Emphasis on accuracy in reading and writing shorthand notes.

Bus. 112. Intermediate Shorthand.—5 credits  5 (1)
Review of principles of Gregg Shorthand. Emphasis on accuracy and speed in dictation and transcription.

Bus. 113. Advanced Shorthand.—5 credits  5 (1)
Review of principles. Acquisition of broad general vocabulary. Production of mailable letters and acceptable articles.

Bus. 121. Introduction to Business.—5 credits  5 (1)
A survey course designed to acquaint the student in Business with the American business as a dynamic process. This course acquaints the student with the ways in which businesses function.

Bus. 130. Office Machines.—5 credits  5 (1)
This survey course is designed to develop an acquaintanceship knowledge of modern-day office machines.

Bus. 151. Business Mathematics.—5 credits  5 (1)
Practical mathematics of the home and business world. Drill in the fundamental processes of arithmetic.

Bus. 211-212. Dictation and Transcription.—3 credits  5 (1)
Advanced theory and phrasing, speed building, dictation and transcription covering vocabularies of representative businesses.

Bus. 215. Business Communications.—5 credits  5 (1)
The study of the fundamentals of English to the end that a better knowledge of oral and written business communication is attained.

Bus. 221. Secretarial Office Procedures.—5 credits  5 (1)
The presentation of general office practices and procedures through instruction in filing, mailing and preparation of business forms.
Bus. 223-224. Income Tax.—5 credits  
An intensive study of the history of federal laws governing income taxes, including preparations of tax forms for individuals, partnerships, and corporations.

Bus. 225. Medical Secretarial Practices and Procedures.—5 credits  
Training for a career as a medical secretary or the general secretary whose goal is a medical office position. Special emphasis is given to various types of forms and reports found in a medical office, medical procedures, and medical terminology. Medical dictation will be given. Prerequisite: Dictation and Transcription or permission of the instructor.

Bus. 235. Principles of Marketing.—5 credits  
A general but critical survey of the field of marketing, covering international industries and commerce.

Bus. 241-242-243. Principles of Accounting.—5 credits  
An introductory course designed to provide basic preparation in business practice and accounting.

Bus. 244-245. Intermediate Accounting.—5 credits  
Theories of general financial accounting with problems illustrating their application. Prerequisite: Principles of Accounting.

Bus. 248. Cost Accounting.—3 credits  
Accounting for cost in manufacturing enterprises. Emphasis on fundamental principles of cost accounting and basic records.

Bus. 249. Clerical Procedures and Practices.—5 credits  
Promotes an understanding of the clerical procedures in a business office to provide background information of business principles, to promote a high standard of ethics applicable to any business office with emphasis on filing, telephone and telegraphic services, record keeping, correspondence.

Bus. 250. Principles of Insurance.—5 credits  
Course designed to treat the social and economic aspects, the fundamental principles and the organizational structure of insurance.
Bus. 252. Business Finance.—5 credits 5 (1)
Business organization and control; corporation securities; management of fixed capital, working capital income and investment banking.

Bus. 261. Business Law.—5 credits 5 (1)
Legal principles covering contracts, agency and employment, commercial paper and sale of goods.

Ec. 201. Principles of Economics.—5 credits
An introductory course in economic principles and trends in a free society. Emphasis will be on such topics as: supply-demand theory, basic national income theory, money and banking systems, fiscal monetary theory, and operation of product markets.

Ec. 202. Principles and Problems of Economics.—5 credits
A systematic study of value, distribution, and international trade theory, including the economic principles underlying production, exchange, rent, wages, interest, and government regulations.

MANAGEMENT AND SUPERVISION

MST. 101. Principles of Management. 3 (1); 5 (1)
3 credits or 5 credits.
A basic study of the principles of management, planning, organizing, actuating, and controlling is given in this course.

MST. 102. Supervisor's Training Techniques. 3 (1); 5 (1)
3 credits or 5 credits.
A study of the supervisor's responsibility for developing employees through training, orientation and induction.

MST. 103. Management and Supervision. 3(1); 5 (1)
3 credits or 5 credits.
A study of the supervisor's responsibility for job methods improvement, with emphasis on basic principles of work simplification.

MST. 111. Elements of Supervision.—5 credits 5 (1)
An introductory course covering, in general terms, the total responsibilities of a supervisor.

MST. 211. Office Management.—5 credits 5 (1)
An introduction to office organization and layout, and the selection, training, and promotion of personnel.
ELectronic Data Processing Technology

EDP. 101. Unit Record Equipment.—5 credits 5 (1)
This course evolves around the principle of IBM accounting with emphasis on machine function, operation, and boardwiring. To implement the unit-record approach, an introduction to flow-charting and design is also covered. The unit-record equipment taught include the card punch, card sorter, collator, reproducer, and accounting machine. Problem solving in the lab is also required. Prerequisite: Bus 101 or consent of instructor.

EDP. 102. Introduction to Computer Science.—5 credits 5 (1)
A general introductory course to computer analysis, theory and application covering the history and development of computers; the logic and principles of stored program and number systems; the I/O units, C.P.U. and an introduction to the programming languages. Prerequisite: EDP 101 or consent of instructor.

EDP. 103. Basic Fortran.—5 credits 5 (1)
An introduction to the Fortran language including the basic concepts of I/O, branching, arithmetic and logic statements. Flow charting as applied to a programming language is incorporated. Students will be taught to operate the equipment during the Lab sessions. Prerequisite: EDP 102.

EDP. 201. Advanced Fortran.—5 credits 5 (1)
This course covers advanced Fortran programming theory and applications including the use of commercial sub-routines, subprograms, functional library, and Fortran Compilers and Disk for manipulating information. Problem solving in the Lab is required. Prerequisite: EDP 103.

EDP. 202. Report Program Generator (RPG).—5 credits 5 (1)
A symbolic programming language oriented to commercial and scientific applications with emphasis on the easy-to-use technique for writing specifications which produce a variety of business reports. Prerequisite: Consent of the instructor.

EDP. 203. Basic Assembly Language.—5 credits 5 (1)
A symbolic assembly language oriented to commercial applications to show the capabilities and limitations of an actual computer by using the operational codes and instruction format of 1130 Basic Assembly Language. Prerequisite: EDP 102.

EDP. 204. Common Business Oriented Language (COBOL).—5 credits 5 (1)
An artificial high-order language, procedure-oriented, English-like and designed primarily for writing data file procedures for business. The use of COBOL statements, applications and the
logic involved in writing programs will be taught. Program writing and debugging are required. Prerequisite: EDP 102 or consent of instructor.

EDP. 205. Systems Design.—5 credits
An analysis and review of existing systems and documentation from installations using medium-to-large size computers. Field trips, guest speakers, and case studies are included. Prerequisite: Programming.

DIVISION OF ENGLISH
AND FOREIGN LANGUAGES

Eh. 099. Basic English.—5 credits
A course designed for entering students whose English placement test scores indicate inadequate preparation for English 101. Review of the fundamentals of written communications with emphasis on grammar, spelling, vocabulary, punctuation, sentence and paragraph construction and reading comprehension. Students in English 099 are required to pass the course before taking English 101.

Eh. 101-102. Communication Skills.—5 credits
Practice in the skills of writing, speaking, reading and listening. In addition, practice is given in writing composition and the study of various types of literature.

Eh. 103. Advanced Composition.—5 credits
Practice in expository writing beyond that offered by Freshman Composition.

Eh. 121-122-123. Improved Reading Skills.—2 credits
The purpose of the course in improving reading is to increase the effective use of skills employed in the total reading situation and to promote an optimum combination of improved comprehension skills for each individual student. Selected reading ma-
materials and aids will be used to stimulate desirable reading rates and to increase concentration comprehension, and retention. All first and second quarter freshmen are advised and encouraged to enroll in this course. Students enrolled in the Basic English classes are automatically enrolled in the Basic Study and Reading Skills program.

Eh. 125. Improved Reading Skills.—3 credits 3 (2)
This course is designed to give college students new insights into how our language functions and how it can be more effectively taught through making use of oral vs. written language, through developing word recognition, perception and conception skills and through developing comprehension skills and an awareness of the regularity of our language from the reader's point of view.

Eh. 212. Children's Literature.—5 credits 5 (1)
Covers the reading interests — imagination and factual — of children from two to sixteen years of age; offers learning experiences of the delightful uses to which children have put their reading.

Eh. 231. Creative Writing.—5 credits 5 (1)
This course stresses mastery of the techniques of writing in a literary style. The short story, novel, letter, verse and essay will be studied. Individual experimentation and evaluation of writing will be encouraged. Prerequisite: Permission of the instructor.

Eh. 251-252. Survey of American Literature.—5 credits 5 (1)
Survey of representative American writers from the colonial period to the mid-nineteenth century. Prerequisite: Eh 102.

Eh. 261-262. Survey of English Literature.—5 credits 5 (1)
A survey of English literature with emphasis on the development of English poetry and prose from Beowulf to the present. Prerequisite: Eh 102.

Eh. 271-272. World Literature.—5 credits 5 (1)
A critical and analytical study of the major authors of the Western World who are considered closest to our cultural and intellectual heritage.

SPEECH (SP)

Sp. 110. Fundamentals of Speech.—5 credits 5 (1)
A study of the basic principles of speech to assist the student to improve his voice, articulation and vocabulary and to enable him to become more proficient in everyday use of language and fundamentals of public speaking.
Sp. 221. Argumentation and Debate.—5 credits
Designed for students interested in debating. Includes procedures in formulating an argument, logic reasoning; methods of argumentation including preparing the case, formulating the brief, and analyzing the techniques of persuasion.

DRAMATIC ARTS

D.A. 121. Introduction to the Dramatic Arts.—5 credits
This course presents a general approach to the organization of the theater; it is especially designed to develop the student's knowledge and appreciation of the theater arts through contemporary and historic study of the drama.

D.A. 201. Acting Techniques.—5 credits
A study of the principles and techniques of acting. Training in pantomimine, stage movement, characterization and motivation is given. Students will present scenes from plays as classroom exercises.

D.A. 112. Stagecrafts and Acting Survey.—5 credits
This course constitutes participation in the dramatic productions of the quarter. Credit will be given for the satisfactory planning and execution of major technical work on the productions.

JOURNALISM

JOU. 111. Introduction to Journalistic Writing, Ad Editing.—5 credits
A course for the beginning journalist, primarily features giving the student a working knowledge of copyreading and headline writing, as well as an acquaintance with type faces, picture editing, page makeups and responsibilities of the news editor.

JOU. 119.
Introduction to develop the student's news sense and news judgment through a familiarization with news gathering techniques, methodology, observation, interviewing, note taking and finding sources.

JOU. 101. Survey and History of Journalism.—5 credits
An introduction to communication theory to understand and attempt to control the forces that shape mass communication. A brief history of journalism.

JOU. 236. Journalism.—5 credits
Study and practice in newswriting, newspaper style, and mechanical practice.
FRENCH

(French 101, 102, or their equivalent are taken in sequence and are prerequisite to all subsequent courses in French.)

Fr. 101. Introductory French I.—5 credits 5 (1)
  Designed for the beginning student in French, this course offers a foundation in the language. The course is open to students with no language background and to those with less than two years of high school French whose language placement test indicates a need for further foundation work.

Fr. 102. Introductory French II.—5 credits 5 (1)
  A continuation of French 101. Prerequisite: French 101, or one year of high school French and consent of the instructor based on language placement scores.

Fr. 201-202. Intermediate French. 5 (1)
  5 credits each quarter.
  A continuation of French 102. Prerequisite: French 102, or two years of high school French and consent of the instructor based on language placement scores. Students who present two or more units of French upon entering the college may be placed in this course. Grammar review, pronunciation, conversation, diction, and introduction to French history and literature.

SPANISH

(Spanish 101, 102, or their equivalent are taken as a sequence and are prerequisite to all subsequent courses in Spanish.)

Spa. 101. Introductory Spanish I.—5 credits 5 (1)
  Designed for the beginning student in Spanish, this course offers a foundation in the language. The course is open to students with no language background and to those with less than two years of high school Spanish whose placement test indicates a need for further foundation work.

Spa. 102. Introductory Spanish II.—5 credits 5 (1)
  A continuation of Spanish 101. Prerequisite: Spanish 101, or one year of high school Spanish and consent of the instructor based on language placement scores.

Spa. 201-202. Intermediate Spanish. 5 (1)
  5 credits each quarter.
  A continuation of Spanish 102. Prerequisite: Spanish 102, or consent of instructor based on placement scores. Students who present two or more units of Spanish upon entering the college may be placed in this course. Grammar review, pronunciation, conversation, diction, and introduction to Spanish literature.
DIVISION OF FINE ARTS

ART

Art 101. Art Appreciation.—3 credits
The study of the visual arts for the development of criteria for judgment and the enjoyment of art expression, with a brief survey of major art styles of cultures as a background for the understanding of contemporary art. Open to all students. Not required for art majors and cannot be applied. No prerequisite.

Art 102-103. Introduction to Art. 2 (2)
2 credits each quarter. No lect.
An introduction to the graphic and visual arts. By experiment with many media, the student is introduced to the relationships of line, space, color, texture, and form. The student's awareness of creative design is expanded, he gains power to express his experience graphically, and the areas of taste and judgement are explored.

Art 201. History of Art.—5 credits
This course provides an historical development of the major artistic achievements of the Western world in painting, sculpture, and architecture.

Art 204. Art For Elementary Teachers.—3 credits
This course is designed to aid potential elementary school teachers in the creative use of color, linear forms and other materials that could be used to afford a creative outlet for elementary school children. It is further designed to aid in the designing of borders and bulletin boards.

MU. 101. History and Appreciation of Music.—3 credits
A survey of art music from the Renaissance through the contemporary era. Representative masterpieces are critically examined as products of their period and composers.

MU. 105-106-107. Chorus.—Fall, Winter, Spring. 1 (2)
Designed primarily as a medium of recreation and acquaintance with a variety of types and periods in choral literature. Open to all students without audition.

MU. 108. Class Voice and Elementary Theory.—1 credit 1 (2)
1 credit each quarter.
A combination course designed to provide the skills needed for more effective participation in choral and other performance groups in school, church, and community.

MU. 111. Music Theory.—5 credits
A study of the fundamentals of musicianship and beginning harmony, tonal, rhythmic, and melodic dictation. Required of music majors.
MU. 112. Music Theory.—5 credits
A continuation of Music 111. Required of music majors.

MU. 175. Elementary School Music.—5 credits
Designed for students majoring in Elementary Education. The course deals with the type of music that should be taught, how to teach it, and its place in the total school program.

HEALTH, PHYSICAL EDUCATION AND RECREATION

JUNIOR COLLEGE REQUIREMENTS. Physical Education is required for six consecutive quarters. Only one credit per quarter is permitted or transferable to meet the six (6) quarters requirements.

Unless otherwise approved by the Academic Dean, each student who lacks Physical Education must register for an activity course in the first and succeeding quarters of residence until all requirements are met.

HPR. 105. (M&W) Personal and Community Health. 3 credits.
The first phase of this course is designed to acquaint the student with personal and mental health problems. The second phase is concerned with community health, the prevention and control of communicable diseases, the understanding of chronic and degenerative diseases, the understanding of depressives and stimulants. Sensible habits of living will be emphasized. Teaching in some areas will be directed toward physiology and anatomy of the human body. (co-ed).

HPR. 170. Modern Dance I.—2 credits
Designed to acquaint the student with developmental exercises for control of muscular action, balance, use of body movements and the relation of music to dance.

HPR. 171. Modern Dance II.—2 credits
(Prerequisite: Physical Education 170). Offers further study of movement and rhythmic fundamentals. Emphasis is placed on dance composition and production.

HPR. 174. Folk, Square, and Social Dancing.—2 credits
Introduces methods and materials of folk, square and social dancing. Attention is given to terminology skills, selections, and presentation of dances.

HPR. 210. Beginning Swimming.—1 credit
Course offered for non-swimmers designed to teach each student the basic skills in beginning swimming.
**HPR. 211. Advanced Beginning Swimming.**—1 credit 1 (1)

A continuation of basic skills in swimming with the addition of self-preservation skills.

**HPR. 212. Intermediate.**—1 credit 1 (1)

Improvement of swimming skills enabling swimmer to qualify for Life Saving course.

**HPR. 213. Water Safety & Life Saving.** 1 (1)

(Prerequisite: HPR 210-211-212.) Advanced swimming will cover the nine basic swimming strokes. Life Saving includes approaches, releases and other rescue techniques.

**HPR. 217. Beginning Gymnastics.**—2 credits 2 (1)

Skills and techniques for learning apparatus, stunts, and tumbling.

**HPR. 218. Advanced Gymnastics.**—2 credits 2 (1)

Prerequisite: HPR 271. Further study of the techniques of gymnastic apparatus including, balance beam, parallel bar, side horse and trampoline.

**HPR. 228. Games and Rhythms.**—2 credits 2 (1)

A theory and activity course teaching leadership of recreation activities, and mechanics of party planning. Knowledge of social games which are used as methods and tools for presenting social recreation activities. Field trips may be required.

**HPR. 231. First Aid.**—3 credits 3 (1)

Standard and accepted principles of First Aid.

**HPR. 232. Introduction to Physical Education.**—3 credits 3 (1)

Opportunities and responsibilities associated with physical education leadership. Theory, history and principles of physical education.

**HPR. 243. Directed Practice in Community Recreation.** 2 (4)

2 credits.

This course gives practical experience to students who are training for recreational leadership, by providing actual supervised work at various playground and recreational facilities.

**HPR. 244. Sports Officiating (M).**—2 credits 2 (2)

Theory and practice are combined in a study of the organization and techniques of officiating competitive athletic activities. The student obtains comprehensive instruction on rules and officiating techniques with practical experience required in men’s intramural, varsity programs, and community recreation programs and leagues.
HPR. 245. Camping and Outdoor Recreation. 3 (1)
3 credits.
Includes study of the history, development, and trends of outdoor recreation, conservation, and organized camping. Emphasis is on laboratory work, field trips, and the development of outdoor skills.

HPR. 247. Introduction to Community Recreation. 3 (1)
3 credits.
A basic course for recreation majors including the nature, scope and significance of leisure and recreation as a social force in contemporary society. Special emphasis placed on the role of the professional leader in organizing recreational programs in a variety of settings. Required for all recreation majors.

HPR. 250. Theory of Football (M).—1 credit 1 (1)
A course covering current problems and new trends in football, with special emphasis on basic fundamentals, team defense and offense.

HPR. 251. Theory of Basketball (M&W).—1 credit 1 (1)
A course covering current problems and new trends in basketball, with special emphasis on basic fundamentals, team defense and offense.

HPR. 252. Theory of Wrestling (M).—1 credit 1 (1)
A course covering current problems and new trends in wrestling with a special emphasis on rules, conditioning, teaching techniques and strategy.

HPR. 253. Theory of Baseball (M).—1 credit 1 (1)
A course designed to develop a thorough understanding of baseball. Special emphasis is placed on individual proficiency and team strategy.

HPR. 254. Theory of Track and Field.—1 credit 1 (1)
A course covering each track and field event and emphasizing the understanding of techniques and training methods essential to successful performance. Collegiate track and field rules and procedures to follow in conducting a meet will be discussed.

HPR. 255. Badminton (M&W).—1 credit 1 (1)
To teach the fundamental skills and strategy of badminton as a carry over sport.

HPR. 256. Tennis (M&W).—1 credit 1 (1)
Designed to teach the student the fundamental skills and strategy of tennis as a carry over sport.
A course designed to develop a thorough understanding of softball. Special emphasis is placed on individual proficiency and team strategy.

HPR. 258. Volleyball (M&W).—1 credit 1 (1)
A course covering current problems and new trends in volleyball with special emphasis on basic fundamentals, team defense and offense.

HPR. 259. Archery (M and W).—1 credit 1 (1)
A course designed to teach the students the fundamental skills and strategy of Archery as a carry over sport.

DEPARTMENT OF NATURAL SCIENCES
BIOLOGY

Bio. 101. General Biology.—5 credits 3 (1); 2 (2)
An introductory course designed for non-science and science majors, dealing with plants and animals and stressing unifying topics of cellular structure and metabolism, reproduction and heredity. It includes a generalized survey of the diversity and ecology of living things and consists of a study of comparisons of organization and function within individual groups.

Bio. 102. General Biology.—5 credits 3 (1); 2 (2)

Bio. 201. Human Anatomy and Physiology. 3 (1); 2 (2) 5 credits
An introductory course featuring structure and function of the human body with emphasis on respiration, digestion and nutrition, metabolism, senses, reproduction, and the physiology of muscles, nerves and the endocrine glands. Prerequisite:(for all students except those in Nursing) Bio. 101.

Bio. 202. Human Anatomy and Physiology. 3 (1); 2 (2) 5 credits
A continuation of Bio. 201 Prerequisite: Bio 201.

Bio. 221. Microbiology.—5 credits 3 (1); 2 (2)
A study of bacteria, fungi, rickettsiae, and viruses in relation to human medicine. Pathogenicity, clinical systems, treatment, epidemiology, and control are stressed. Laboratory sessions are required. Prerequisite: Bio. 102.

Ch. 101. General Inorganic Chemistry. 3 (1); 2 (2) 5 credits
An introduction to inorganic chemistry, including studies of atomic structure, periodic classification, stoichiometry the Kine-
tic Molecular Theory, states of matter and transitions between states. Prerequisite or corequisite: Mh. 101.

**Ch. 102. General Inorganic Chemistry.** 3 (1); 2 (2)  
5 credits

A continuation of Ch. 101, including studies of chemical bonding, oxidation and reduction, solution, ionization and electrochemistry. Prerequisite: Ch 101.

**Ch. 103. General Inorganic Chemistry and Qualitative Analysis.** 3 (1); 2 (2)  
5 credits.

A continuation of Ch 102, including studies of chemical kinetics and chemical equilibria; fundamental concepts in qualitative analysis with special emphasis on ionic equilibria, solubility product and related principles, and on their uses in separating and identifying analytical groups. Prerequisite: Ch 103.

**Ch. 211. Organic Chemistry I.** 5 credits 2 (1); 2 (3)  
First of a three-quarter sequence which includes a study of properties, structure, nomenclature, reactions and preparations of aliphatic and aromatic compounds. Prerequisite: Ch 103.

**Ch. 212. Organic Chemistry II.** 5 credits 2 (1); 2 (3)  
A continuation of Ch 211. Prerequisite: Ch 211.

**Ch. 213. Organic Chemistry III.** 5 credits 2 (1); 2 (3)  
A continuation of Ch 212.

**PHYSICAL SCIENCES**

**PS. 101. Physical Science Survey.** 5 credits 4 (1); 1 (2)  
A course for non-science majors dealing with weather, physics, geology, astronomy, chemistry, and their implication in the atomic and space age. No prerequisites.

**PS. 102. Physical Science Survey.** 5 credits 4 (1); 1 (2)  
A continuation of PS 101. No prerequisites.

**Phy. 201. General Physics with Calculus I.** 5 credits 3 (1); 2 (2)  
An introductory calculus-based course, designed to give the student a basic understanding of the fundamentals of mechanics, heat, sound, light, electricity and magnetism, atoms and nucleons. Basically designed for the preengineering student. Prerequisite: Mh 113. Corequisite: Mh. 214.

**Phy. 202. General Physics with Calculus II.** 5 credits 3 (1); 2 (2)  
A continuation of Phy. 201. Prerequisites: Phy. 201, Mh. 214, Corequisite: Mh. 215.
Phy. 203. General Physics with Calculus III. 3 (1); 2 (2)  
5 credits.
Corequisite: Mh. 216.

Phy. 211. General Physics I.—5 credits 4 (1); 1 (2)
An introductory course designed to give the student a basic  
understanding of the fundamentals of physics. Subject areas in-  
clude: mechanics, heat, sound, magnetism, electricity, light and  
survey of modern physics. Prerequisite: Mh. 113.

Phy. 212. General Physics II.—5 credits 4 (1); 1 (2)
A continuation of Phy. 211. Prerequisite: Phy. 211.

Phy. 213. General Physics III.—5 credits 4 (1); 1 (2)
A continuation of Phy. 212. Prerequisite: Phy. 212

ELECTRONICS

El. 101. Fundamental Concepts of DC and AC.—  
5 credits 5 (1); 5 (1)
Provides a brief background and history of the electrical and  
electronics field; the atomic structure of matter as related to  
electronics; introduction to theory and application of measuring  
devices. Laboratory includes the use of voltmeters, ammeters,  
ohmeters and oscilloscopes.

El. 102. DC and AC Circuit Analysis.—5 credits 5 (1); 5 (1)
This course begins with DC and AC network theorems, (Kir-  
choff's Norton, Thevenin) including application to bridge cir-  
cuits. Analysis of series and parallel resonance circuits. Prereq-  
usite: El 101.

El. 103. Vacuum Tube and Solid State Fundamentals.—  
5 credits 5 (1); 5 (1)
An introduction to electronic hardware and its use. Lectures  
explain the theory and operational characteristics of vacuum  
tubes and solid state sevices. Laboratory experiments by the  
student demonstrates the practical application of these devices.  
Prerequisite: El 101.

El. 201. Electronic Circuit and Systems.—  
5 credits 5 (1); 5 (1)
A detailed study of advanced DC circuits; Principal forms of  
transistor and vacuum tube; tuned amplifiers; oscillators; AM and  
FM transmitters and receivers. A significant portion of the lab-  
oratory course will include troubleshooting procedures for radio  
and television receiver. Prerequisite: El 103 or permission of  
department.
EI. 202. Advanced Electronic Circuits.—5 credits  5 (1); 5 (1)
A study of motors and generators; synchro and synchro control systems; introduction to microwave and microwave oscillators; microwave transmitters and receivers; multiplexing. Laboratory include a practical demonstration and application of system discussed.

EI. 203. Radio Telephone License.—5 credits  5 (1)
The course is a study of FCC rules and regulations. It provides a review of the principles and practices associated with radio and television broadcasting.

EI. 211. Operation and Maintenance of Closed Circuit Television System.—5 credits  2 (1); 4 (2)
An introduction to the installation, operation, and maintenance of closed circuit television systems. Theory of cameras; theory of receivers; maintenance of a closed circuit television system. Prerequisite: EI 201.

EI. 212. Operation and Maintenance of Audio/Visual Equipment.—5 credits  2 (1); 4 (2)
This course emphasizes the theory and operation of various types of audio/visual equipment. Practical application involve the operation and maintenance of audio/visual equipment.

DR. 112. Electronic Drafting and Design.—5 credits  5 (1)
This course proceeds from electronic drafting practices to diagram drawing, symbol drawing, and equipment design. Emphasis on understanding and interpreting drawings.

MATHEMATICS

Mh. 099. Basic Mathematics.—5 credits (Institutional)  5 (1)
A first course in mathematics for students who have pursued a minimum number of mathematics courses in high school, or who have limited mathematics background knowledge. Unless exempted by examination, this course is prerequisite to all mathematics courses pursued for transfer credit. Prerequisites: None.

Mh. 101S. Arithmetic for College Students.—5 credits  5 (1)
This course covers systems of numeration; basic operations on whole numbers, fractions and decimals; ratio and proportion; percents; and a light introduction to such algebraic topics as negative numbers, equations, and basic geometry. It is offered for terminal students or transfer who recognize a need for developing arithmetic skills.
MH. 101. Freshman Mathematics.—5 credits  5 (1)
This course is designed to meet the mathematical requirement of all transfer students and to strengthen the foundations of other students who plan to pursue advance courses in mathematics. Topics include: algebra, trigonometry, and plane geometry with practical applications as well as some topics from modern mathematics. Prerequisites: One year of high school algebra and one year of high school geometry, or consent of instructor.

MH. 102. Freshman Mathematics.—5 credits  5 (1)
A continuation of MH. 101. Prerequisite: MH. 101.

101-AT. Freshman Mathematics (Audio-Tutorial).—
5 credits  5 (1)
This course is designed for students who desire self-paced individualized instruction in basic mathematics through the use of Audio tapes and programmed materials. Topics covered are numeral and binary operations, properties of whole numbers, operations involving natural numbers, integers, rational and real numbers; factoring and equation solving.

102-AT. Freshman Mathematics (Audio-Tutorial).—
5 credits  5 (1)
This course is a continuation of Freshmen Mathematics 101-AT. Topics covered are quadratic equations, fractional equations, radicals, exponents; functions, relations and graphs; systems of Linear equation, Inequalities, stated problems.

MH. 112. Algebra and Trigonometry I.—5 credits  5 (1)
Topics considered are: set theory, graphs, theory of equations, factoring polynomials, radicals, relations and functions, permutations and combinations, probability, distance in the plane, matrices and determinants, and partial fractions. Prerequisite: MH 101 and MH 102 or consent of instructor.

MH. 113. Algebra and Trigonometry II.—5 credits  5 (1)
Topics considered are: Trigometric functions, identities and equations, inverse functions, solutions of triangles, complex numbers, polar coordinates, and applications of trigonometry. Prerequisite: Math 112.

MH. 201. Slide Rule and Logarithms.—3 credits  3 (1)
This course attempts to give the student a working knowledge of the slide rule based on an understanding of logarithms. A study of both is made with the following slide rule scales begin considered: A, B, C, D, K, CI, S, T, and L. Prerequisite: Two years of high school algebra, or consent of instructor.
Mh. 214. Analytic Geometry and the Calculus. 5 (1)
5 credits.
Topics considered: curves and equations, straight lines, conic sections, transformation of axes, limits, continuity, differentiation of algebraic functions. Prerequisites: Mh. 113. or equivalent.

Mh. 215. Analytic Geometry and the Calculus. 5 (1)
5 credits.
Topics considered: Differentiation of exponential and logarithmic functions, applications to geometry and physics, parametric equations, hyperbolic functions, curvature, elementary concepts of integration. Prerequisite: Mh. 214.

Mh. 216. Analytic Geometry and the Calculus. 5 (1)
5 credits.
Topics considered: the Riemann Integral; application of the integral, infinite series; multiple integrals and analytic geometry of three dimensions. Prerequisite: Mh. 215.

Mh. 217. Analytic Geometry and the Calculus. 5 (1)
5 credits.
Topics considered: Partial derivatives, elementary equations, introduction to vector calculus, theory of convergence, theory of series and sequences, and Fourier series. Prerequisite: Mh. 216.

DIVISION OF NURSING

Nur. 101. Fundamentals of Nursing.—6 credits 3 (1); 2 (3)
This course is an introductory course designed to serve as a basis upon which future courses in nursing can be built. It includes concepts, principles and techniques basic to all nursing care, the identification of normal basic need of all individuals and an understanding of the variation of needs in illness and in wellness. The focus is on beginning skills of patient care and the nurse-patient relationship in the laboratory and hospital settings. Three hours lecture; six hours laboratory per week.

Nur. 102. Fundamentals of Nursing.—8 credits 3 (1); 2 (4)
A continuation of Nursing. 101 considers principles and techniques not previously explored. Emphasis is placed on the nurse's role in diagnostic and therapeutic measures. Prerequisites: Nursing 101. Four hours lecture, eight hours laboratory per week.

Nur. 103. Nursing Care of the Physically Ill. 4 (1); 2 (4)
8 credits.
An integrated course of medical and surgical nursing which includes a study of major health problems of adult patients. The focus is on further development of a therapeutic nurse-patient relationship, the application care of the patient in general hos-
Hospital setting. Emphasis is on dynamics of human behavior and psycho-dynamics of personality development. Pharmacology, nutrition and mental health concepts are integrated throughout the course. Emphasis is placed on the problem solving approach. Prerequisite: Nursing 101 and 102. Four hours lecture; eight hours laboratory.

**Nur. 104. Advanced Nursing Care of the Physically Ill (I).**—8 credits.

Nursing 201 is a continuation of nursing 103. Considers major health problems not previously explored. Prerequisite: Nursing 101, 102 and 103. Lecture four hours, laboratory eight hours per week.

**Nur. 201. Nursing Care of the Mentally Ill.** 4 (1); 2 (4) 8 credits.

Nursing 201 is a study of the emotional factors which affect adjustment as well as major psychiatric illnesses. The focus is on the development of a therapeutic nurse-patient relationship. The application of nursing principles and behavioral concepts basic to the care of patients in psychiatric setting. Related pharmacology is included. Prerequisites: Nursing 101, 102, 103 and 104. Lecture four hours, laboratory four hours per week.

**Nur. 202. Maternal and Newborn.**—6 credits 3 (1); 2 (3)

Utilizing the family centered approach, nursing principles and techniques are used in the care of mothers during the maternity cycle, and newborn infants. This approach is made through understanding the normal maternity cycle and the newborn child. Adaptations are made to include complications that occur during the maternity cycle. Related nutrition, Pharmacology and community resources are included. Prerequisites: Nursing 101, 102, 103, 104, 201. Lecture three hours. Laboratory six hours per week.

**Nur. 203. Nursing Care of the Child.**—6 credits 3 (1); 2 (3)

Introduction to the nursing care of children with emphasis on normal child growth and development patterns, and nursing problems related to the psychological, physiological and social needs of the ill child. Pharmacology and nutrition are integrated throughout the course. Prerequisite: Nursing 101, 102, 103, 104, 201, and 203.

**Nur. 205. Community Nursing.**—6 credits 3 (1); 2 (3)

A study of nursing and community problems. Emphasis is placed on planning family care using community resources. Readings, conferences, and minor investigation of a community health problem will be explored. Prerequisite: Nursing 101, 102, 103, 201, 202, 203, and 205.
Nur. 211. Seminar in Nursing.—8 credits 4 (1); 2 (4)
Emphasis is on specific nursing care problems; trends in nursing and nursing education; legal aspects of nursing practices; purpose and function of professional organizations; explanation of problems of nursing care. Emphasis is also placed upon the role of the technical graduate nurse. Nursing 101, 102, 103, 104, 201, 202, 203, and 205 are prerequisites. Four hours lecture eight hours laboratory per week.

DIVISION OF SOCIAL SCIENCES

An. 101. General Anthropology.—5 credits 5 (1)
An introduction to the principles, concepts, and methods of anthropology. This course traces and emphasizes the origin and evolution of man, the modern races, and the pre-history of mankind.

An. 102. Cultural Anthropology.—5 credits 5 (1)
A study of the nature of culture, personality, and social organization. Emphasis is placed on the customs of pre-literate people. Prerequisite: An. 101 with at least the grade of "C" for transfer students.

Ed. 101. Introduction to Education.—5 credits 5 (1)
This course gives the student a view of the whole field of education. The objectives are to introduce the student to the techniques and procedures used in carrying out a modern-day

Ed. 215. Philosophy of Education.—5 credits 5 (1)
An inquiry into the philosophic bases of the educational systems of ancient, medieval, and modern civilizations, and their effect upon present-day educational curricula, methods, and organizations. Prerequisite: Ed. 101.

Ed. 232. History of Education in the United States.—5 credits 5 (1)
A course designed to shed light on the development of education relative to aims and objectives, methods and curriculum and political and philosophical basis of education. It includes a study of professional education of teachers, educational administration and supervision and a survey of the development of schools and educational practices in the United States. Prerequisite: Ed. 101.

Gy. 101. Principles of Physical Geography.—5 credits 5 (1)
An introduction to geography through a systematic study of two basis: man and his physical environment, each intimately interwoven one with the other and mutually reciprocal in their relationship.
Gy. 201. **North American Geography.**—5 credits 5 (1)
A study of the inter-regional geographic patterns of our country, territories, and neighboring lands with special note of its environmental factors, its human factors and its region.

Hy. 101-102. **Western Civilization.**—5 credits 5 (1)
A survey of the civilization of the western world. It traces the most characteristic aspects of the civilization treated, and it concentrates on the forces which have molded western institutions from ancient to modern times. A study of the economical, social, cultural, and political movements which have produced the modern world and the interrelationship of nations.

Hy. 201. **American History.**—5 credits 5 (1)
A survey of American History from colonization to 1865. The course emphasizes the economical, political, social and cultural developments of the country during this period. A study is made of the conditions which led to the conflict with European countries and finally to the War Between the States.

Hy. 202. **American History.**—5 credits 5 (1)
A study of the construction period and of the political, economical, sociological, geographical, cultural, and intellectual forces which have influenced the history of the American peoples since 1865.

Hy. 221. **History of the AFRO-American Experience.**—5 credits 5 (1)
A survey of the experience of black people in the United States, from the African background to the struggles of today.

Hy. 231. **Alabama History.**—5 credits 5 (1)
The course concerns itself with the exploration, settlement, territorial period and historical events which led to the statehood of Alabama and extending to the present time. Special emphasis is allocated to the social, economic, and political developments within the State of Alabama.

Pol. 211. **American National Government.**—5 credits 5 (1)
A study of the constitutional framework and institutions of the national government including an examination of the existing process and function of the government. Attention is also given to the elements of American political life, the role of government and the rights and duties of individuals.

Pol. 221. **State and Local Government.**—5 credits 5 (1)
A study of the structure and functions of state government in the United States and its relation to federal and local governments. The course stresses the most important contributions of
local governments to the federal system. Alabama government is compared with other state governments.

**Psy. 100. Orientation.—1 credit**

An introduction to aid students in the transition from high school to college. This course is designed to help the student work up to his capacity by developing his basic qualities. Freshman tests will be discussed and interpreted. Orientation is coordinated with guidance and counseling services.

**Psy. 201. General Psychology.—5 credits**

Introduction to basic principles of psychology with a survey of research methods, learning, cognition, motivation, emotion, human development, personality and basic concepts of social behavior.

**Psy. 211. Abnormal Psychology.—5 credits**

Topics covered in this course include abnormal reactions to frustrations, psychotherapy, theories of personality structure, neural functions, receptor mechanisms, attention and perception, and vocational applications of psychology. Prerequisite: Psy 201 with at least the grade of “C” for the transfer student.

**Psy. 221. Human Growth and Development.—5 credits**

A study of the physical, mental, emotional and social development of the child from birth through adolescence, and into old age. The influences of the home, the school, the society upon this development is emphasized. Attention is also given to the characteristics and needs of children at different levels. Prerequisite: Psychology 201.

**Psy. 231. Psychology of Human Relations.—5 credits**

An introductory study of the application of psychological principles in a variety of situations; industrial, business, government and society. It offers practical experience in the study of interpersonal and intra-personal relations with reference to their application to on-the-job situations and within the world of work.

**Soc. 201. Introductory Sociology.—5 credits**

A systematic study of the evolution of group life. Its objective is to investigate the basic structure of human society, to identify the main forces that hold groups together or weaken them, and to learn the conditions that transform social life. Emphasis is placed on such topics as socialization, social organization, collective behavior, social stratification, and social conflict and control.

**Soc. 211. Social Problems.—5 credits**

A study of the major social problems in American society in the light of modern sociological and psychological research and
theory. Each analysis of the nature, dimensions, and causes of a
given social problem is then related to the patterns of deliberate
social action in which the community is engaged, or could be
engaged, toward mitigation of the problem. Prerequisite: Soc.
201 with at least the grade of "C" for the transfer student.

**Soc. 221. Marriage and Family.—5 credits**

This course aims to investigate the modern family from the
standpoint of the personal development of its members and the
mores of the community. Emphasis is placed on the impact of
industrialization of traditional family functions, the problems of
marriage, divorce, desertion, illegitimacy. Prerequisite: Consent
of instructor.

**SOCIAL WORKER TECHNICIAN**

**Psy. 230. Group Theory.—5 credits**

An introduction to aid the students in understanding group
theory, group dynamics, and group procedure. The focus will
be an individual within the group as well as the group as an
entirety. The class meeting will also function as practice and
experience in an actual group.

**Psy. 241. Social Psychology.—5 credits**

A study of psychological phenomena affecting the individual
as a result of his group identifications such as familial, racial,
religious, vocational, and political; studies of processes of social
interaction, role behavior, forms of group organization. Prerequi-
sites: Psy 201 or Soc 201 with at least the grade of "C" for the
Transfer student.

**Psy. 251. Psychological Testing Theory.—5 credits**

Basic theory and principles of many of the more standard
group and individual tests; also includes considerable emphasis
on statistics. Prerequisites: Psy 201 and Psy 211.

**Psy. 252. Personality Tests.—5 credits**

Examinations, exploration, analysis, and group personality tests.
Prerequisites: Psy 251.

**Psy. 253. Intelligence, Interests, and Vocational
Tests.—5 credits**

Examination, exploration, analysis, and application of several
more widely used individual and group intelligence, interest, and
vocational tests.
Psy. 260. Social Worker Technician Practicum.— 3 credits
The student will be able to spend most of the time out in the field and under supervision. He will be obtaining actual experience in his chosen specialty.

Soc. 231. Case Worker—3 credits
An introductory course to help familiarize the student with the procedures and equipment used to obtain and record data concerning individuals and clients.

LAW ENFORCEMENT

Le. 102. Police Organization and Administration.— 5 credits
General principles of organization and administration of law enforcement; structure of organization; police management; recruitment, selection, of the modern law enforcement agency; and the future professionalization of the police service.

Le. 203. Police Patrol Functions.—5 credits
Duties and responsibilities of the uniformed Police Patrol. Distribution and supervision of the force; the extent of Patrol participation and the choice of Patrol methods and other problems of Patrol.

Le. 204. Criminal Investigations.—5 credits
The theory and scope of criminal investigation; responsibility and duties of the investigator; collection and preservation of evidence; the police science laboratory; investigation of specific crimes; and interrogation techniques. Prerequisite: Le. 101 and Le. 102.

Le. 207. Criminal Law I.—5 credits
The study of the substantive crime and their punishment; elements of various crimes; rules of evidence; and criminal procedure and mechanics of the courts. Prerequisite: LE 101 and LE 102.

Le. 208. Criminal Law II.—5 credits
An analysis of the laws of arrest, search, and seizures; confessions and signed statements; the study and evaluation of evidence and proof; particular attention is given to application in Alabama. Prerequisite: 207.

Le. 211. Introduction To Forensic Sciences.—5 credits
A study of general criminalistics; handwriting and questioned document examinations; fingerprint science; tool mark examination; the polygraph and its uses.
Soc. 212. Juvenile Delinquency.—5 credits 5 (1)
A history of the juvenile court system in the United States; an analysis of delinquency and the family structure; the police function with juveniles and preventive measures under court supervision and law enforcement; the rehabilitation of the delinquent and the programs of social institutions in treatment and control of delinquency.

Soc. 213. Introductory To Criminology.—5 credits 5 (1)
The nature and extent of crime in the United States; criminal and delinquent behavior and theories of causation; the criminal personality and career orientation; and principles of prevention, control and treatment.
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APPLICATION FOR ADMISSION
THEODORE ALFRED LAWSON STATE
JUNIOR COLLEGE
3060 Wilson Road
BIRMINGHAM, ALABAMA 35221

To the Registrar:

I hereby make application for admission to Theodore Alfred
Lawson State Junior College for the academic year 19.. - 19...
I wish to enroll at the beginning of the .............. quarter
(Fall, Winter, Spring, Summer)

Name in full—( ) Mr.; ( ) Mrs.; ( ) Miss

..................................................... ..................................................... .....................................................
(Last) (First) (Middle)

Legal Residence ..................................

(Street) (City) (State)

Present Address (if different from above) .................

Date of Birth ...................................

(Month) (Day) (Year)

Place of Birth ..................................

(City) (State) (County)

Name of Parent (or Guardian) ..........................

Address of Parent ..................................

(Street) (City) (State) (County)

Occupation of Parent ..........................

Name of Your High School ..........................

Address of High School ..........................

(Street) (City) (State)

(Over)
Date of Graduation or to be Graduated ......................

Give names of any other high or special schools or colleges
taken and dates of attendances.

.................................................. 19... to 19...
(Name of School)  (City)  (State)

.................................................. 19... to 19...
(Name of School)  (City)  (State)

.................................................. 19... to 19...
(Name of School)  (City)  (State)

Are you under academic probation or suspension from any
college? .........

If so, name the college .........................

In what area do you intend to major? ............... 

Choice of Future Vocation ..........................

State the College you plan
to enter after leaving Theodore Alfred Lawson
State Junior College ............................... 

References:

1 ................................................ .
(Name)  (Address)

2 ................................................ .
(Name)  (Address)

3 ................................................ .
(Name)  (Address)

A photograph of the applicant must accompany application.
Upon graduation, your high school transcript is to be mailed to
the Registrar.

If you are transferring from another college, you should have a
transcript forwarded from the college.

................................................ .
(Telephone)  (Signature of Applicant)
APPLICATION FOR ADMISSION
THEODORE ALFRED LAWSON STATE
JUNIOR COLLEGE
3060 Wilson Road
BIRMINGHAM, ALABAMA 35221

Date..................

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I wish to enroll at the beginning of the .............. quarter
(Fall, Winter, Spring, Summer)

Name in full—( ) Mr.; ( ) Mrs.; ( ) Miss

.................................................................
(Last) (First) (Middle)

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(City) (State) (County)

Name of Parent (or Guardian) ..............................

Address of Parent ..................................................
(Street) (City) (State) (County)

Occupation of Parent ...........................................

Name of Your High School ................................

Address of High School ..........................................
(Street) (City) (State)

(Over)
Date of Graduation or to be Graduated ....................

Give names of any other high or special schools or colleges attended and dates of attendances.

19... to 19...
(Name of School) (City) (State)

19... to 19...
(Name of School) (City) (State)

19... to 19...
(Name of School) (City) (State)

Are you under academic probation or suspension from any college? .........

If so, name the college ....................

In what area do you intend to major? ....................

Choice of Future Vocation ............................

State the College you plan to enter after leaving Theodore Alfred Lawson
State Junior College ............................

References:

1. ................................................
   (Name) (Address)

2. ................................................
   (Name) (Address)

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