

LIBERAL ARTS AND SCIENCES AND COLLEGE TRANSFER PROGRAMS



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Educational Departments:

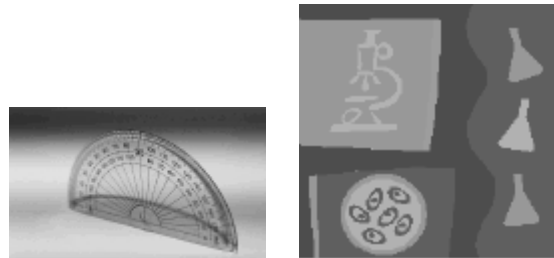
- Educational Enrichment
- Health and Physical Education
- Humanities
- Mathematics and Natural Sciences
- Social and Behavioral Sciences

Web Site

<http://www.lawsonstate.edu/programs/lscet/lscet.html>

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DEPARTMENT OF MATHEMATICS AND NATURAL SCIENCES



DR. KARL PRUITT, CHAIRPERSON

Web Site:

Mathematics and Natural Sciences:
<http://www.lawsonstate.edu/programs/mthns/mthns.html>

MISSION: The faculty of the Department of Mathematics and Natural Sciences at Lawson State Community College believes that all students are important individuals who, although different from each other in background, talent, capability, and initiative, is entitled to an education that will enable them to realize their maximum potential both as individuals and as members of society. The Departments are designed for students who plan to receive an Associate in Science Degree in order to transfer to a four-year institution and pursue a bachelor degree in mathematics, natural science, and related fields. Moreover, a team approach used in the development and planning of distant learning courses. Instructors are employees of the college and, as such, are just as accountable for the content and quality of instruction on or off campus. The instructor is responsible for keeping the courses current and making revisions when necessary.

Distance learning courses are included in the curriculum of a particular program and are regulated by the same policies as though conducted in a classroom on campus—they are held to the same standards. The same goals and objectives, skills, and competencies that apply to classroom instruction also apply to distant learning courses. Admissions, degree, completion, curriculum, and instructional design policies and procedures are the same as those for traditional campus-based programs.

ASSOCIATE IN SCIENCE DEGREE
Mathematics

Area – Written Composition	6
ENG 101 English Composition I	3
ENG 102 English Composition II	3

Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6

Humanities & Fine Arts Elective
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.

Area III – Natural Science or Mathematics	11
• MTH 112 Pre-Calculus Algebra or higher level Mathematics from STARS	3

Natural Science & Lab
Biology, Chemistry, Geography, Physical Science or Physics from STARS.

Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6

Social & Behavioral Sciences
Economics, Geography, Political Science, Psychology, & Sociology

Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• RDG 114 Critical Reading for College (depending on placement test scores)	2
• MTH 113 Pre-Calculus Trigonometry	3
• MTH 125 Calculus I	4-S1
• MTH 126 Calculus II	4-S2
• Electives	3-4

Approved Area V Electives
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS.)

• CIS 251 C Programming	3
• MTH 227 Calculus III	4-S3
• MTH 237 Linear Algebra	3-S3
• MTH 238 Applied Differential Equations	3-S4
• MTH 265 Elementary Statistics	3-S1

TOTAL REQUIRED HOURS FOR DEGREE 61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

The program objectives for Mathematics are to:

- Develop quantitative skills of curious students who enjoy the enterprise of problem solving and the rewards of discovery.
- Encourage students to pursue advanced training in math commensurate with their goals and talents.
- Develop students' potential for employment in business, industry, teaching, government, etc. by acquainting them with fundamental concept in mathematics.
- Service those students majoring in fields where mathematics is required.
- Prepare effective teachers of mathematics and competent mathematicians for work in business, government, and industry.
- Offer a course of study in mathematics for students entering the College with mathematics deficiencies.
- Offer general mathematics courses for non-science majors.
- Offer courses essential for those students pursuing study in major fields other than mathematics, including those that elect to minor in mathematics.

The areas of study comprising the Natural Sciences are (1) Biology, (2) Pre-Engineering, (3) Pre-Nursing. The program objectives Natural Science are:

- Educate students in the basic principles of scientific reasoning and problem solving. This enhances their ability to assess critical situations accurately.
- Prepare the student for entrance into a four-year institution with emphasis in the various allied health professions. Moreover, the Allied Health and related professions are designed to enhance student' analytical thinking skills, communication skills and learn to apply these skills and other teaching to the job market.

By Books Online

Lawson State's E-Books



[www.e-mbs.com/cqi-embs/search.mac/
search1?FVCUSNO=40371](http://www.e-mbs.com/cqi-embs/search.mac/search1?FVCUSNO=40371)

ASSOCIATE IN SCIENCE DEGREE
Biology

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
• ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
• ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 112 Pre-Calculus Algebra or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
• HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
• HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• BIO 201 Human Anatomy Phy. I/ wLab	4-S2
• BIO 202 Human Anatomy Phy. I w/Lab	4-S3
• BIO 220 Microbiology w/ Lab	4-S4
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• RDG 114 Critical Reading for College (depending on placement test scores)	2
• Electives	3-4
<i>Approved Area V Electives</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS.)	
• MTH 113 Pre-Calculus Trigonometry	4-S4
• CHM 111 College Chemistry I w/ Lab	4-S2
• CHM 112 College Chemistry II w/ Lab	4-S3
• CHM 221 Organic Chemistry I	4-S3
• CHM 222 Organic Chemistry II	4-S4
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

ASSOCIATE IN SCIENCE DEGREE
Pre-Engineering

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
• ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
• ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 113 Pre-Calculus Trigonometry or higher level Mathematics from STARS	3
• CHM 111 College Chemistry I	4
• CHM 112 College Chemistry II	4
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
• HIS 102 Hist. of Western Civ. II / OR	3
• HIS 201 United States History I	
• HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• RDG 114 Critical Reading for College (depending on placement test scores)	2
• PHY 201 General Physics I w/ Lab	4-S3
• PHY 202 General Physics II w/ Lab	4-S4
• MTH 125 Calculus I	4-S2
• Electives	3-4
<i>Approved Area V Electives</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS.)	
• MTH 126 Calculus II	4-S4
• MTH 227 Calculus III	4-S4
• CHM 221 Organic Chemistry I w/ Lab	4-S1
• CHM 222 Organic Chemistry II w/ Lab	4-S3
• PHY 213 General Physics w/ Calculus I	4-S3
• PHY 214 General Physics w/ Calculus II	4-S4
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

ASSOCIATE IN SCIENCE DEGREE
Pre-Nursing

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
• ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
• ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 112 Pre-Calculus Algebra or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV- History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
• HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
• HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• BIO 201 Human Anatomy Phy. I/ wLab	4-S2
• BIO 202 Human Anatomy Phy. I w/Lab	4-S3
• BIO 220 Microbiology w/ Lab	4-S4
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• RDG 114 Critical Reading for College (depending on placement test scores)	2
• Electives	3-4
<i>Approved Area V Electives</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS.)	
• MTH 113 Pre-Calculus Trigonometry	4-S4
• BIO 230 Human Pathophysiology	4
• CHM 104 Intro to Inorganic Chemistry	4-S2
• CHM 105 Intro to Organic Chemistry	4-S3
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

**Workforce Development/Continuing
Education Training for Business and
Industry**



New Creative Class Each Semester:

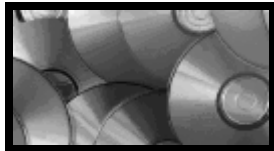
- Beginning Keyboarding
- Web Design
- Spanish I
- Starting Your Own Business
- Job Search Skills
- Basic Grant Writing
- Basic Sewing
- Window Treatments
- Plumber Prep Class
- Master Plumber Prep Class
- Real Estate License Class
- Interior Design
- Computers
- Kids College

And More !!

Contact the Small Business Center at:

205-929-6384

DEPARTMENT OF HUMANITIES



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Web Site

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- Departmental Updates
- E-Mail/Direct Contact
- Course Descriptions
- Departmental Programs
- Current News

MISSION: The Humanities Department serves students from the Birmingham area in providing components of a liberal arts education degree. College writing, speaking, foreign language, speech, humanities, art and music are available for courses as well as degrees for concentration in a two-year transfer program. The Department assists students in achieving their educational goals through mastery of academics as well as the arts. Through the service-oriented philosophy of the department, students are provided the experiences of on-site learning, as well as performance-oriented achievement ideals through community service.

LONG-RANGE GOALS

- To increase the variety and availability of courses offered in the department.
- To develop and implement a comprehensive program for staff development based on identified needs and current research in the area of Humanities.
- To expose students to diversity through Humanities.
- To support the General Educational Program of the institution through implementation of requirements throughout the department.
- To recruit and maintain full-time and adjunct faculty to meet the needs of the department.

The Department of Humanities is designed to provide opportunities for students to:

- Develop knowledge and understanding of art.
- Help students develop the ability to read, think, and write clearly, and critically.
- Help students understand and appreciate good writing and literature.
- Help students become aware of the truth, beauty, and wisdom of our culture to the extent that they are able to make value judgments about the society in which they live.
- Teach the fundamental skills of speaking, reading, and writing in a foreign language.
- Help students develop an understanding of and a respect for another culture.
- Give the student an awareness and appreciation of the aesthetic and intellectual history of the target culture and of its present day manifestations.
- Help students comprehend, analyze and explicate literary works in a foreign language.
- To preserve, appreciate and transmit knowledge of the past and to provide a comprehensive understanding of the human experience.
- To increase understanding of a multi-cultural world and demonstrate the ability and diversity of human experience.
- To improve the understanding of students' own culture.
- To help remove myths and stereotypes.
- To develop critical thinking.

Students who plan to receive an Associate in Arts Degree are able to transfer to a four-year institution and pursue a bachelor's degree in related fields.

ASSOCIATE IN ARTS DEGREE
Art

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• ART 113 Drawing I	3-S1
• ART 114 Drawing II	3-S2
• ART 121 Two-Dimensional Comp.	3-S1
• ART 122 Two-Dimensional Comp.	3-S2
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• RDG 114 Critical Reading for College (depending on placement test scores)	2
• Electives	3-4
<i>Area V Electives Must Be Approved By The Advisor</i> (These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS.)	
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

ASSOCIATE IN ARTS DEGREE
English

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
• HUM 101 Introduction to Humanities I	3
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• ENG 246 Creative Writing I	3-S3
• ENG 247 Creative Writing II	3-S4
• ENG 297 Afro-American Literature	3-S3
• HUM 102 Introduction to Humanities II	3-S2
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• RDG 114 Critical Reading for College (depending on placement test scores)	2
• Electives	3-4
<i>All Electives Must Be Approved By The Advisor</i> (These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• Foreign Lang. (SPA 101-102 or FRN 101-102)	8
• ENG 271 World Literature I	3
• ENG 272 World Literature II	3
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

ASSOCIATE IN ARTS DEGREE
General Studies

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 146 Microcomputer Applications	3
• SOC 247 Marriage & Family	3-S3
• SOC 210 Social Problems	3-S2
• ENG 297 African American Literature	3-S4
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• RDG 114 Critical Reading for College (depending on placement test scores)	2
• Electives	6
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• HED 224 Personal & Community Health	3
• PHL 206 Ethics & Society	3
• ENG 246 Creative Writing	3
• SPH 116 Introduction to Inter. Comm.	3
• MUL 101 Class Piano	1
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

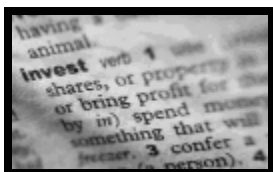
ASSOCIATE IN ARTS DEGREE
Music

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 112 Pre-Calculus Algebra or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• MUS 111 Music Theory I	3-S1
• MUS 112 Music Theory II	3-S2
• MUS 113 Music Theory Lab I	1-S1
• MUS 114 Music Theory Lab II	1-S2
• MUS 211 Music Theory III	3-S3
• MUS 212 Music Theory IV	3-S4
• MUS 213 Music Theory Lab III	1-S3
• MUS 214 Music Theory Lab IV	1-S4
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• RDG 114 Critical Reading for College (depending on placement test scores)	2
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

DEPARTMENT OF EDUCATIONAL ENRICHMENT



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Web Site

<http://www.lawsonstate.edu/programs/ee/ee.htm>

- Departmental Updates
- E-Mail/Direct Contact
- Course Descriptions
- Current News

MISSION: The Department of Educational Enrichment (Developmental Education) is an intensive and technologically advanced instructional program designed to equip students with the academic skills necessary to perform on a college-level. In addition, the department supports the personal growth of its students through advising, tutoring, counseling, and tracking of academic progress.

PLACEMENT: Students are placed in the developmental program based on individual placement test scores, provided through the Office of Student Development Services. There are three academic areas tested: English, reading, and mathematics. Testing outcomes determine how many developmental courses individual students will have to take in order to reach college-level.

LABORATORIES: All developmental students, except those taking Elementary Algebra, are required to take a corresponding laboratory with each developmental class assigned. Laboratory assignments are set-up to enhance classroom instruction, provide for more targeted assisted

practice, and provide classroom instructors with more time for individualized instruction.

TRACKING: Student academic performance is tracked in each developmental course. Students are given a pre-test at the beginning of each semester to gauge their proficiency level and are post-tested upon completion of the course. Student results are tracked in an effort to analyze program effectiveness and provide teachers with the necessary data in order to offer for more targeted-assisted instruction throughout the course.

Objectives

- To equip students with the academic skills in reading, mathematics, and English to perform on college-level.
- To provide students with various types of support (advisement, counseling, tutoring) to ensure academic and personal success.
- To assist students individually with academic problems.
- To provide targeted-assisted instruction.
- To track student progress in order to guide instruction and improve the overall developmental program.
- To provide students with the technological skills necessary to perform on college-level and within the world around them.
- To provide students with intensive laboratory instruction in order to improve overall understanding of subject matter.
- To foster critical-thinking skills.
- To promote study skills throughout each course in an effort to increase academic discipline and overall subject-matter competency.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION



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Web Site

<http://www.lawsonstate.edu/programs/hpe/pe.htm>

The Department of Health, Physical Education, Recreation, and Dance is an integral part of the total educational program at Lawson State Community College. The primary focus of the Department is the education of students toward the development of physical, mentally, emotionally, and socially fit citizens through the medium of physical activities, which have been selected, with a view toward realizing these outcomes. The Department offers an Associate in Arts Degree Program in HPR and an Associate in Applied Science Degree in Recreation Leadership. The objectives of the Department are:

- To understand and respect the body as a medium for the expression of self.
- To portray socially acceptable and personally rewarding behavior in a thorough relationships with others.
- To identify the physically under-developed student and mark him/her to improve his/her physical capacities.
- To develop strength, flexibility, balance, and individual perfection of the body through vigorous muscle activities.
- To grow in understanding and skills in order to maintain fitness for later years.
- To develop skills in the lifetime sports to be perpetuated in later life.

The aims and services of the Department are to provide students at Lawson State with:

- Opportunities for fun, enjoyment, and a fellowship through participation.
- Opportunities that will be conducive to their health and physical fitness.
- Programs that constitutes health and fitness.
- Instructional programs that identify and emphasize certain specific objectives. These include developing skills and improving physical endurance.

Sports That We Offer:

- Basketball
- Volleyball
- Cross Country Track



Program objectives of the National Youth Sports Program is designed to:

- Expand the opportunities for disadvantaged youth to benefit from sports-skill instruction, engage in sports competition and improve their physical fitness.
- Help young people acquire good health practices, to help them become better citizens and to acquaint them with career and educational opportunities by using the personnel and facilities of institutions of higher education.

The National Youth Sports Program (NYSP) at Lawson State is an academic enrichment sports program for ages 10-16. As a form of community service, Lawson State its facilities, services, and resources.

NYSP targets youth from low-income families who agree to fully participate in daily sports instruction and educational enrichment activities.

Participants receive breakfast and lunch each day. NYSP is provided at no cost to the participants and families. For more information, contact:

Eleanor Pitts, Chairperson of HPE Department

ASSOCIATE IN ARTS DEGREE
Health and Physical Education

Area I - Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
• ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
• ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV- History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
• HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
• HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• PED 200 Foundations of Phy. Ed.	3-S1
• PED 216 Sports Officiating	3-S2
• PED 295 Practicum in Physical Ed.	3-S3
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores.	2
• Electives	6
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• HED 224 Personal & Community Health	3-S1
• HED 231 First Aid	3-S2
• HED 232 Care & Prev. Ath. Injuries	3-S3
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

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DEPARTMENT OF SOCIAL AND BEHAVIOR SCIENCE



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Web Site

<http://www.lawsonstate.edu/programs/sb/sb.htm>

MISSION: The Mission of the Social and Behavioral Sciences Department at Lawson State is to provide students with high quality academic coursework leading to a certificate or associate degree, or in preparation for transfer into a baccalaureate degree program. Additionally, this department provides excellent scholastic support in the many general education courses required of students pursuing any degree program at Lawson State. Our programs are relevant to students' personal and professional needs, develop student's critical thinking skills, enhance their self-esteem, and assist in the development of student into organized, focused, empowered, and independent lifelong learners.

The Department of Social and Behavior Sciences prepares competent professionals equipped with the knowledge, values and skills that are required to meet the challenges of problems and needs faced by diverse individuals, families, organizations, and urban communities in a changing, global, social environment. The Department offers the following degrees and certificates designed to fulfill the unique employment requirements of the community.

ASSOCIATE IN ARTS DEGREE History

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
• ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
• ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
• HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
• HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• HIS 201 United States History I	3
• HIS 202 United States History II	3
• HIS 216 History of World Religions	3
• POL 211 American National Government	3
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores.	2
• Electives	3-4
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• POL 220 State & Local Gov't	3-S2
• HIS 256 Afro-American History	3-S3
• HIS 260 Alabama History	3-S4
• GEO 101 Geography /OR	
• ANT 200 Anthropology	3-S4
• PSY 276 Human Relations	3-S3
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One

S3 – Semester Three

S2 – Semester Two

S4 – Semester Four

ASSOCIATE IN ARTS DEGREE
Political Science

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• HIS 201 United States History I	3
• HIS 202 United States History II	3
• POL 200 Introduction to Political Science	3-S3
• POL 211 American National Gov't	3-S3
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores.	2
• Electives	3-4
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• POL 220 State & Local Gov't	3-S2
HIS 256 Afro-American History	3-S3
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

ASSOCIATE IN ARTS DEGREE
Pre-Law

Area Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• POL 200 Intro to Political Science	3-S3
• POL 211 American National Gov't	3-S3
• POL 220 State & Local Gov't	3-S2
• CRJ 130 Intro to Law	3
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores.	2
• Electives	3-4
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• ECO 231 Principles of Macroeconomics	3-S4
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

ASSOCIATE IN ARTS DEGREE
Pre-Social Work

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• SWT 109 Techniques of Beh. Modification	3
• SWT 130 The Com. & the Soc. Worker	3
• SWT 131 Problems for Children & Youth	3
• SWT 133 Geriatrics	3
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores.	2
• Electives	3-4
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• SOC 210 Social Problems	3
• POL 211 American National Gov't	3
• POL 220 State & Local Gov't	3
• ECO 231 Prin. of Macroeconomics	3
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

ASSOCIATE IN ARTS DEGREE
Pre-Teacher Education

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• HIS 256 Afro-American History	3
• EDU 100 Exploring Teaching	2
• PSY 230 Abnormal Psychology	3
• Foreign Language Elective	4
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores.	2
• Electives	3-4
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• GEO 101 Physical Geography	3
• POL 211 American National Government	3
• PSY 211 Psychology At Death	3
TOTAL REQUIRED HOURS FOR DEGREE	61-64

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

ASSOCIATE IN ARTS DEGREE
Pre-Psychology

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• SOC 210 Social Problems	3-S2
• PSY 210 Human Growth & Dev.	3-S4
• PSY 211 Psychology At Death	3-S3
• PSY 230 Abnormal Psychology	3-S2
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores.	2
• Electives	3-4
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• HUS 222 Group Counseling	3-S1
• POL 211 American National Gov't	3-S1
• PSY 276 Human Relations	3-S4
TOTAL REQUIRED HOURS FOR DEGREE	61-64
<i>PSY 100 is a prerequisite for all programs.</i>	
S1 – Semester One	S3 – Semester Three
S2 – Semester Two	S4 – Semester Four

ASSOCIATE IN ARTS DEGREE
Pre-Sociology

Area I – Written Composition	6
• ENG 101 English Composition I	3
• ENG 102 English Composition II	3
Area II – Humanities & Fine Arts	12
• SPH 107 Fund. of Public Speaking	3
• ENG 251 American Literature I	
ENG 252 American Literature II /OR	6
• ENG 261 English Literature I	
ENG 262 English Literature II	6
<i>Humanities & Fine Arts Elective</i>	3
Art, Art History, Foreign Languages, Humanities, Music, Philosophy, Religion, Theater, or Dance from STARS.	
Area III – Natural Science or Mathematics	11
• MTH 110 Finite Mathematics or higher level Mathematics from STARS	3
• BIO 103 Principles of Biology I w/Lab	4-S1
• BIO 104 Principles of Biology II w/Lab	4-S2
Area IV – History, Social & Behavioral Sciences	12
• HIS 101 Hist. of Western Civ. I	
HIS 102 Hist. of Western Civ. II/OR	6
• HIS 201 United States History I	
HIS 202 United States History II	6
<i>Social & Behavioral Sciences</i>	6
Economics, Geography, Political Science, Psychology, & Sociology	
Area V – Pre-Professional/Elective Courses	19-23
• CIS 130 Intro to Information Systems	3
• SOC 210 Social Problems	3
• SOC 247 Marriage and Family	3
• CRJ 209 Juvenile Delinquency	3
• HIS 256 Afro-American History	3
• Two 1-hour PED activity courses or one 3-hour HED course	2-3
• Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores.	2
• Electives	3-4
<i>All Electives Must Be Approved By The Advisor</i>	
(These electives must be filled by the requirements of the institution to which the student plans to transfer. Refer to STARS)	
• ECO 231 Principles of Macroeconomics	3-S4
TOTAL REQUIRED HOURS FOR DEGREE	61-64
<i>PSY 100 is a prerequisite for all programs.</i>	
S1 – Semester One	S3 – Semester Three
S2 – Semester Two	S4 – Semester Four

ASSOCIATE IN APPLIED SCIENCE DEGREE
Child Development/Early Childhood Education

GENERAL STUDIES COURSES

- ENG 101 English Composition I 3
- ENG 102 English Composition II 3
- SPH 107 Fund. of Public Speaking 3
- SPA 101 Introductory Spanish I 4
- MTH 110 Finite Mathematics or higher level Mathematics from STARS 3
- Natural Science Elective (Biology, Chemistry, Geography, Physical Science, Physics) 4
- PSY 200 Introduction to Psychology 3
- CIS 130 Intro to Information Systems 3
- Two 1-hour PED activity courses or one 3-hour HED course 2-3
- Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores. 2

TOTAL HOURS REQUIRED FOR DEGREE 28-31

Field of Concentration Courses 39

- CHD 100 Intro to Early Care & Ed. of Children 3-S1
 - CHD 201 Child Growth & Dev. Principles 3-S1
 - CHD 203 Children's Lit. & Lang. Dev. 3-S2
 - CHD 204 Meth./Tching. Presch. Children 3-S2
 - CHD 205 Prog. Plng. for Ed. Yng Children 3-S3
 - CHD 206 Children Health & Safety 3-S3
 - CHD 208 Admin. of Child Dev. Prog. 3-S3
 - CHD 209 Infant & Toddler Ed. Prog. 2-S3
 - ART 286 Art For Teachers 3-S3
 - CHD 210 Ed. Exceptional Yng. Children 2-S4
 - CHD 211 Child Dev. Seminar 2-S4
 - CHD 215 Supv. Pract. Exp. in Child Dev. 3-S4
 - MUS 115 Fundamentals of Music 3-S4
 - SOC 247 Marriage & Family 3-S4
- TOTAL REQUIRED HOURS FOR DEGREE 67-70**

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

ASSOCIATE IN APPLIED SCIENCE DEGREE
Criminal Justice

GENERAL STUDIES COURSES

- ENG 101 English Composition I 3
- ENG 102 English Composition II 3
- SPH 107 Fund. of Public Speaking 3
- ART 100 Art Appreciation/ **OR**
- MUS 101 Music Appreciation 3
- MTH 110 Finite Mathematics or higher level Mathematics from STARS 3
- Natural Science Elective (Biology, Chemistry, Geography, Physical Science, Physics) 4
- PSY 200 General Psychology/ **OR**
- SOC 200 Intro to Sociology 3
- CIS 130 Intro to Information Systems 3
- Two 1-hour PED activity courses or one 3-hour HED course 2-3
- Students may be required to take Reading 114, Critical Reading for College (2 hours) based on placement test scores. 2

TOTAL HOURS REQUIRED FOR DEGREE 31-34

Field of Concentration Courses 42

- CRJ 209 Juvenile Delinquency 3
 - CRJ 100 Introduction to Criminal Justice 3
 - CRJ 130 Intro to Law & Judicial Procedure 3
 - CRJ 116 Police Patrol 3
 - CRJ 208 Intro to Criminology 3
 - CRJ 216 Police Organization & Admin. 3
 - CRJ 220 Criminal Investigation 3
 - POL 211 American National Government 3
 - SOC 210 Social Problems 3
 - CRJ 150 Introduction to Corrections / **OR**
 - CRJ 256 Correctional Counseling 3
 - CRJ 256 Correctional Rehabilitation 3
 - PSY 276 Human Relations 3
 - CRJ 280 Internship 3
 - HED 231 First Aid 3
- TOTAL REQUIRED HOURS FOR DEGREE 73-76**

PSY 100 is a prerequisite for all programs.

S1 – Semester One S3 – Semester Three
S2 – Semester Two S4 – Semester Four

COURSE DESCRIPTIONS

Liberal Arts and Sciences, and Transfer Programs

ANTHROPOLOGY (ANT)

ANT 200 INTRODUCTION TO ANTHROPOLOGY 3 HOURS

Prerequisite(s): As required by program

This course is a survey of physical, social, and cultural development and behavior of human beings.

ART (ART)

ART 100 ART APPRECIATION 3 HOURS

Prerequisite(s): As required by program

This course is designed to help the student find personal meaning in works of art and develop a better understanding of the nature and validity of art. Emphasis is on the diversity of form and content in original art work. Upon completion, students should understand the fundamentals of art, the materials used and have a basic overview of the history of art.

ART 113 DRAWING I 3 HOURS

Prerequisite(s): As required by program

This course provides the opportunity to develop perceptual and technical skills in a variety of media. Emphasis is placed on communication through experimenting with composition, subject matter and technique. Upon completion, students should demonstrate and apply the fundamentals of art to various creative drawing projects.

ART 114 DRAWING II 3 HOURS

Prerequisite(s): Drawing I and/or as required by program

This course advances the students drawing skills in various art media. Emphasis is placed on communication through experimentation, composition, technique and personal expression. Upon completion, students should demonstrate creative drawing skills, the application of the fundamentals of art, and the communication of personal thoughts and feelings.

ART 121 TWO DIMENSIONAL COMPOSITION I 3 HOURS

Prerequisite(s): As required by program

This course introduces the basic of concepts of two-dimensional design. Topics include the elements and principles of design with emphasis on the arrangements and relationships among them. Upon completion, students should demonstrate an effective use of these elements and principles of design in creating two-dimensional compositions.

ART 122 TWO DIMENSIONAL COMPOSITION II 3 HOURS

Prerequisite(s): ART 121 and/or as required by program

This course covers the theories and practice of composing two-dimensional images. Emphasis is placed on the relation between the basic elements and principles of design and their impact on the visual message. Upon completion, students should, through personal expression, demonstrate an effective

use of these elements and principles of design in creating two-dimensional compositions.

ART 233 PAINTING I 3 HOURS

Prerequisite(s): ART 113, 121, and/or as required by program

This course is designed to introduce the student to fundamental painting processes and materials. Topics include art fundamentals, color theory, and composition. Upon completion, students should be able to demonstrate the fundamentals of art and discuss various approaches to the media and the creative processes associated with painting.

ART 286 ART FOR TEACHERS 3 HOURS

Prerequisite(s): As required by program

This course provides the opportunity for prospective teachers to experience and analyze art in order to effectively incorporate the art curriculum into the classroom. Emphasis is placed on the exploration of teaching skills using art knowledge and the aesthetic experience. Upon completion, students should be able to demonstrate the ability to communicate art knowledge and the validity of the art curriculum.

BIOLOGY (BIO)

BIO 101 INTRODUCTION TO BIOLOGY I 4 HOURS

Prerequisite(s): As required by program

Introduction to Biology I is the first of a two-course sequence designed for non-science majors. It covers historical studies illustrating the scientific method, cellular structure, bioenergetics, cell reproduction, Mendelian and molecular genetics, and a survey of human organ systems. A 120-minute laboratory is required.

BIO 102 INTRODUCTION TO BIOLOGY II 4 HOURS

Prerequisite(s): BIO 101 and/or as required by program

Introduction to Biology II is the second of a two-course sequence for non-science majors. It covers evolutionary principles and relationships, environmental and ecological topics, classification, and a survey of biodiversity. A 120-minute laboratory is required.

BIO 103 PRINCIPLES OF BIOLOGY I 4 HOURS

Prerequisite(s): As required by program

This is an introductory course for science and non-science majors. It covers physical, chemical, and biological principles common to all organisms. These principles are explained through a study of cell structure and function, cellular reproduction, basic biochemistry, cell energetics, the process of photosynthesis, and Mendelian and molecular genetics. Also included are the scientific method, basic principles of evolution, and an overview of the diversity of life with emphasis on viruses, prokaryotes, and protist. A 120-minute laboratory is required.

BIO 104 PRINCIPLES OF BIOLOGY II 4 HOURS*Prerequisite(s): BIO 103*

This course is an introduction to the basic ecological and evolutionary relationships of plants and animals and a survey of plant and animal diversity including classification, morphology, physiology, and reproduction. A 180 minute laboratory is required.

BIO 201 HUMAN ANATOMY AND PHYSIOLOGY I 4 HOURS*Prerequisite(s): BIO 103 and/or as required by program*

Human Anatomy and Physiology I covers the structure and function of the human body. Included is an orientation of the human body, basic principles of chemistry, a study of cells and tissues, metabolism, joints, the integumentary, skeletal, muscular, and nervous systems, and the senses. Dissection, histological studies, and physiology are featured in the laboratory experience. A 120-minute laboratory is required.

BIO 202 HUMAN ANATOMY AND PHYSIOLOGY II 4 HOURS*Prerequisite(s): BIO 103, 201, and/or as required by program*

Human Anatomy and Physiology II covers the structure and function of the human body. Included is a study of basic nutrition, basic principles of water, electrolyte, and acid-base balance, the endocrine, respiratory, digestive, excretory, cardiovascular, lymphatic, and reproductive systems. Dissection, histological studies, and physiology are featured in the laboratory experience. A 120-minute laboratory is required.

BIO 220 GENERAL MICROBIOLOGY 4 HOURS*Prerequisite(s): BIO 103 (Recommended: 4 Semester Hours of Chemistry) and/or as required by program*

This course includes historical perspectives, cell structure and function, microbial genetics, infectious diseases, immunology, distribution, physiology, culture, identification, classification, and disease control of microorganisms. The laboratory experience includes micro-techniques, distribution, culture, identification, and control. Two 120-minute laboratories are required.

BIO 120 MEDICAL TERMINOLOGY 3 HOURS*Prerequisite(s): As required by program*

This course is a survey of words, terms, and descriptions commonly used in medical arts. Emphasis is placed on spelling, pronunciation, and meanings of prefixes, suffixes, and roots. No laboratory is required.

BIO 230 HUMAN PATHOPHYSIOLOGY 4 HOURS*Prerequisite(s): BIO 201, 202, 220, and/or as required by program*

Human Pathophysiology covers the nature, etiology, prognosis, prevention, and therapeutics of human disease. A 120-minute laboratory is required.

CHEMISTRY (CHM)**CHM 104 INTRODUCTION TO INORGANIC CHEMISTRY 4 HOURS***Prerequisite(s): MTH 092 or equivalent math placement score and/or as required by program*

This is a survey course of general chemistry for students who do not intend to major in science or engineering and may not be substituted for CHM 111. Lecture will emphasize the facts, principles, and theories of general chemistry including math operations, matter and energy, atomic structure, symbols and formulas, nomenclature, the periodic table, bonding concepts, equations, reactions, stoichiometry, gas laws, phases of matter, solutions, pH, and equilibrium reactions. Laboratory is required.

CHM 105 INTRODUCTION TO ORGANIC CHEMISTRY 4 HOURS*Prerequisite(s): As required by program*

PREREQUISITE: CHM 104 (Introduction to Inorganic Chemistry) or CHM 111 (College Chemistry I)

This is a survey course of organic chemistry and biochemistry for students who do not intend to major in science or engineering. Topics will include basic nomenclature, classification of organic compounds, typical organic reactions, reactions involved in life processes, function of biomolecules, and the handling and disposal of organic compounds. Laboratory is required.

CHM 111 COLLEGE CHEMISTRY I 4 HOURS*Prerequisite(s): MTH 112 or equivalent math placement score and/or as required by program*

This is the first course in a two-semester sequence designed for the science or engineering major who is expected to have a strong background in mathematics. Topics in this course include measurement, nomenclature, stoichiometry, atomic structure, equations and reactions, basic concepts of thermochemistry, chemical and physical properties, bonding, molecular structure, gas laws, kinetic-molecular theory, condensed matter, solutions, colloids, and some descriptive chemistry topics. Laboratory is required.

CHM 112 COLLEGE CHEMISTRY II 4 HOURS*Prerequisite(s): CHM 111 and/or as required by program*

This is the second course in a two-semester sequence designed primarily for the science and engineering student who is expected to have a strong background in mathematics. Topics in this course include chemical kinetics, chemical equilibria, acids and bases, ionic equilibria of weak electrolytes, solubility product principle, chemical thermodynamics, electrochemistry, oxidation-reduction, nuclear chemistry, an introduction to organic chemistry and biochemistry, atmospheric chemistry, and selected topics in descriptive chemistry including the metals, nonmetals, semi-metals, coordination compounds, transition compounds, and post-transition compounds. Laboratory is required.

CHM 221 ORGANIC CHEMISTRY I 4 HOURS*Prerequisite(s): CHM 112 and/or as required by program*

This is the first course in a two-semester sequence. Topics in this course include nomenclature, structure, physical and chemical properties, synthesis, and typical reactions for aliphatic, alicyclic, and aromatic compounds with special

emphasis on reaction mechanisms, spectroscopy, and stereochemistry. Laboratory is required and will include the synthesis and confirmation of representative organic compounds with emphasis on basic techniques.

CHM 222 ORGANIC CHEMISTRY II 4 HOURS

Prerequisite(s): CHM 221 and/or as required by program

This is the second course in a two-semester sequence. Topics in this course include nomenclature, structure, physical and chemical properties, synthesis, and typical reactions for aliphatic, alicyclic, aromatic, and biological compounds, polymers and their derivatives, with special emphasis on reaction mechanisms, spectroscopy, and stereochemistry. Laboratory is required and will include the synthesis and confirmation of representative organic compounds with emphasis on basic techniques.

CHILD DEVELOPMENT (CHD)

CHD 100 INTRODUCTION TO EARLY CARE AND EDUCATION OF CHILDREN 1-3 HOURS

Prerequisite(s): As required by program

This course introduces the childcare profession including the six functional areas of the Child Development Associate (CDA) credential. Emphasis is placed on using positive guidance techniques, setting up a classroom and planning a schedule. Upon completion students should be able to create and modify children's environments to meet individual needs, use positive guidance to develop positive relationships with children, and promote children's self-esteem, self-control and self-motivation.

CHD 201 CHILD GROWTH AND DEVELOPMENT PRINCIPLES 3 HOURS

Prerequisite(s): As required by program

This course is a systematic study of child growth and development from conception through early childhood. Emphasis is placed on principles underlying physical, mental, emotional and social development, and on methods of child study and practical implications. Upon completion, students should be able to use knowledge of how young children differ in their development and approaches to learning to provide opportunities that support the physical, social, emotional, language, cognitive, and aesthetic development of children.

CHD 203 CHILDREN'S LITERATURE AND LANGUAGE DEVELOPMENT 1-3 HOURS

Prerequisite(s): As required by program

This course surveys appropriate literature and language arts activities designed to enhance young children's speaking, listening pre-reading and writing skills. Emphasis is placed on developmental appropriateness as related to language. Upon completion, students should be able to create, evaluate and demonstrate activities that support a language-rich environment for young children.

CHD 204 METHODS AND MATERIALS FOR TEACHING CHILDREN 1-3 HOURS

Prerequisite(s): As required by program

This course introduces basic methods and materials used in teaching young children. Emphasis is placed on students compiling a professional resource file of activities used for

teaching math, language arts, science and social studies concepts. Upon completion students should be able to demonstrate basic methods of creating learning experiences using appropriate techniques, materials and realistic expectations.

CHD 205 PROGRAM PLANNING FOR EDUCATING YOUNG CHILDREN 3 HOURS

Prerequisite(s): As required by program

This course is designed to give students practice in lesson and unit planning, writing behavioral objectives, and evaluating activities taught to young children. Emphasis is placed on identifying basic aspects of cognitive development and how children learn. Upon completion students should be able to plan and implement developmentally appropriate curriculum and instructional practices based on knowledge of individual differences and the curriculum goals and content.

CHD 206 CHILDREN'S HEALTH AND SAFETY 3 HOURS

Prerequisite(s): As required by program

This course introduces basic health, nutrition and safety management practices for young children. Emphasis is placed on setting up and maintaining a safe, healthy environment for young children including specific procedures for infants and toddlers and procedures regarding childhood illnesses and communicable diseases. Upon completion, students should be able to prepare a healthy, safe environment, plan nutritious meals and snacks, and recommend referrals if necessary.

CHD 208 ADMINISTRATION OF CHILD DEVELOPMENT PROGRAMS 3 HOURS

Prerequisite(s): As required by program

This course includes appropriate administrative policies and procedures relevant to preschool programs. Topics include local, state and federal regulations; budget planning; record keeping; personnel policies and parent involvement. Upon completion, students should be able to identify elements of a sound business plan, develop familiarity with basic record-keeping techniques, and identify elements of a developmentally appropriate program.

CHD 209 INFANT AND TODDLER EDUCATION PROGRAMS 1-3 HOURS

Prerequisite(s): As required by program

This course focuses on child development from infancy to thirty months of age with emphasis on planning programs using developmentally- appropriate material. Emphasis is placed on positive ways to support an infant's social, emotional, physical and intellectual development. Upon completion, students should be able to plan an infant-toddler program and environment that is appropriate and supportive of the families and the children.

CHD 210 EDUCATING EXCEPTIONAL YOUNG CHILDREN 1-3 HOURS

Prerequisite(s): As required by program

This course explores the many different types of exceptionalities found in young children. Topics include speech, language, hearing and visual impairments; gifted and talented children; mental retardation; emotional, behavioral, and neurological handicaps. Upon completion, students should be able to identify appropriate strategies for working with young exceptional children.

CHD 211 CHILD DEVELOPMENT SEMINAR 1-2 HOURS*Prerequisite(s): As required by program*

A selection of topics relating to young children is addressed in this course. Subject matter will vary according to industry and student needs. Upon completion, students should demonstrate competencies designed to assess course objectives.

CHD 215 SUPERVISED PRACTICAL EXPERIENCE IN CHILD DEVELOPMENT 1-3 HOURS*Prerequisite(s): As required by program*

This course provides a minimum of 90 hours of hands-on, supervised experience in an approved program for young children. Emphasis is placed on performance of daily duties which are assessed by the college instructor and the cooperating teacher. Upon completion, students should be able to demonstrate competency in a child care setting.

CRIMINAL JUSTICE (CRJ)**CRJ 100 INTRODUCTION TO CRIMINAL JUSTICE 3 HOURS***Prerequisite(s): As required by program*

This course surveys the entire criminal justice process from law enforcement to the administration of justice through corrections. It discusses the history and philosophy of the system and introduces various career opportunities.

CRJ 116 POLICE PATROL 3 HOURS*Prerequisite(s): As required by program*

This course studies the duties, and responsibilities of the uniformed police patrol. It emphasizes the importance of patrol functions and includes principles, methods, procedures and resources used in police patrol operations.

CRJ 130 INTRODUCTION TO LAW AND JUDICIAL PROCESS 3 HOURS*Prerequisite(s): As required by program*

This course provides an introduction to the basic elements of substantive and procedural law, and the stages in the judicial process. It includes an overview of state and federal court structure.

CRJ 150 INTRODUCTION TO CORRECTIONS 3 HOURS*Prerequisite(s): As required by program*

This course provides an introduction to the philosophical and historical foundations of corrections in America. Incarceration and some of its alternatives are considered.

CRJ 177 CRIMINAL AND DEVIANT BEHAVIOR 3 HOURS*Prerequisite(s): As required by program*

This course analyzes criminal and deviant behavior systems. An emphasis is placed on sociological and psychological theories of crime causation.

CRJ 208 INTRODUCTION TO CRIMINOLOGY 3 HOURS*Prerequisite(s): As required by program*

This course delves into the nature and extent of crime in the United States, as well as criminal delinquent behavior and

theories of causation. This study includes criminal personalities, principles of prevention, control, and treatment.

CRJ 209 JUVENILE DELINQUENCY 3 HOURS*Prerequisite(s): As required by program*

This course examines the causes of delinquency. It also reviews programs of prevention, and control of juvenile delinquency as well as the role of the courts.

CRJ 212 CORRECTIONAL COUNSELING TECHNIQUES 3 HOURS*Prerequisite(s): As required by program*

This course focuses on the basic concepts of influencing human behavior. Theories of individual and group counseling are emphasized, as well as some of the barriers faced in dealing with the public offender.

CRJ 216 POLICE ORGANIZATION AND ADMINISTRATION 3 HOURS*Prerequisite(s): As required by program*

This course examines the principles of organization and administration of law enforcement agencies. Theories of management, budgeting, and various personnel issues are covered.

CRJ 220 CRIMINAL INVESTIGATION 3 HOURS*Prerequisite(s): As required by program*

This course explores the theory and scope of criminal investigation. The duties and responsibilities of the investigator are included. The techniques and strategies used in investigation are emphasized.

CRJ 226 FINGERPRINT SCIENCE 3 HOURS*Prerequisite(s): As required by program*

This course involves the history, classification, and current procedures of handling latent fingerprints. Latent print examination, filing, and courtroom presentations are considered.

CRJ 230 CRIMINALITIES 3 HOURS*Prerequisite(s): As required by program*

This course surveys the different techniques of scientific investigation. Emphasis is given to ballistics, photography, fingerprints, DNA, trace evidence, body fluids, casts, and the like.

CRJ 237 FORENSIC PHOTOGRAPHY 3 HOURS*Prerequisite(s): As required by program*

This course analyzes the principles, techniques, and uses of forensic photography in criminal investigation. Emphasis is placed on basic camera operation and mechanics, crime scene photography, and rules of photographic evidence.

CRJ 238 CRIME SCENE INVESTIGATION 3 HOURS*Prerequisite(s): As required by program*

This course examines the fundamentals of crime scene investigation. Measuring and sketching the scene, photography, evidence collection and preservation, and courtroom procedures are considered.

CRJ 239 ISSUES IN LAW ENFORCEMENT 3 HOURS*Prerequisite(s): As required by program*

This course involves research, writing, and discussion of selected subjects relating to law enforcement. An analysis of contemporary police problems is provided.

CRJ 256 CORRECTIONAL REHABILITATION 3 HOURS*Prerequisite(s): As required by program*

This course surveys the different methods used in the rehabilitation of public offenders. Topics include individual and group counseling, education, recreation, religion, drug treatment, and vocational programs.

CRJ 259 ISSUES IN CORRECTIONS 3 HOURS*Prerequisite(s): As required by program*

This course involves research, writing, and discussion of selected subjects relating to corrections. An analysis of contemporary problems in corrections is provided.

CRJ 280 INTERNSHIP IN CRIMINAL JUSTICE 1-3 HOURS*Prerequisite(s): As required by program*

This course involves practical experience with a criminal justice agency under faculty supervision. Permission of the instructor is required. This course may be repeated with the approval of the department head.

DEVELOPMENTAL ENGLISH (ENG)**ENG 080 ENGLISH LABORATORY 1 HOUR***Prerequisite(s): Required with ENG 092, ENG 093 and/or as required by program*

This course, which may be repeated as needed, provides students with a laboratory environment where they can receive help from qualified instructors on English assignments at the developmental level. Emphasis is placed on one-to-one guidance to supplement instruction in English courses. A student's success in this course is measured by success in those other English courses in which the student is enrolled.

ENG 092 BASIC ENGLISH I 3 HOURS*Prerequisite(s): Placement recommended on the ASSET/COMPASS and/or as required by program*

This course is a review of basic writing skills and basic grammar. Emphasis is placed on the composing process of sentences and paragraphs in standard American written English. Students will demonstrate these skills chiefly through the writing of well-developed, multi-sentence paragraphs.

ENG 093 BASIC ENGLISH II 3 HOURS*Prerequisite(s): Placement recommended on the ASSET/COMPASS and/or as required by program*

This course is a review of composition skills and grammar. Emphasis is placed on coherence and the use of a variety of sentence structures in the composing process and on standard American written English usage. Students will demonstrate these skills chiefly through the writing of paragraph blocks and short essays.

DEVELOPMENTAL MATHEMATICS (MTH)**MTH 080 MATHEMATICS LABORATORY 1 HOUR***Prerequisite(s): Required with MTH 090, MTH 091, and/or as required by program*

This course is designed to offer supplemental help to students in mathematics. Students work in a laboratory situation under qualified instructors. This course may be repeated as needed. Emphasis is on arithmetic and algebra as determined by the individual need of the students.

MTH 090 BASIC MATHEMATICS 3 HOURS*Prerequisite(s): As required by program*

This is a developmental course reviewing arithmetical principles and computations designed to help the student's mathematical proficiency for selected curriculum entrance.

MTH 091 DEVELOPMENTAL ALGEBRA I 3 HOURS*Prerequisite(s): MTH 090 or appropriate mathematics placement score and/or as required by program*

This sequence of developmental courses provides the student with a review of arithmetic and algebraic skills designed to provide sufficient mathematical proficiency necessary for entry into Intermediate College Algebra.

MTH 098 ELEMENTARY ALGEBRA 3 HOURS*Prerequisite(s): MTH 091 and/or as required by program*

This course is a review of the fundamental arithmetic and algebra operations. The topics include the numbers of ordinary arithmetic and their properties; integers and rational numbers; the solving of equations; polynomials and factoring; and an introduction to systems of equations and graphs.

DEVELOPMENTAL READING (RDG)**RDG 080 READING LABORATORY 3 HOURS***Prerequisite(s): Required with RDG 083, RDG 084, RDG 085, and/or as required by program*

This course, which may be repeated as needed, provides students with a laboratory environment where they can receive help from qualified instructors on reading assignments at the developmental level. Emphasis is placed on one-to-one guidance to supplement instruction in reading courses. A student's success in this course is measured by success in those other reading courses in which the student is enrolled.

RDG 084 DEVELOPMENTAL READING II 3 HOURS*Prerequisite(s): RDG 083 or equivalent placement score and/or as required by program*

This course is designed to assist students whose placement test scores indicate serious difficulty with decoding skills, comprehension, vocabulary, and study skills.

RDG 085 **DEVELOPMENTAL** **3 HOURS**
READING III
Prerequisite(s): RDG 084 or equivalent placement score and/or as required by program
 This course is designed to assist students whose placement test scores indicate serious difficulty with decoding skills, comprehension, vocabulary, and study skills.

RDG 114 **CRITICAL READING FOR** **2 HOURS**
COLLEGE
Prerequisite(s): College test score placement or permission of the instructor and/or as required by program
 This course is designed to enhance critical reading skills. Topics include vocabulary enrichment, reading flexibility, metacognitive strategies, and advanced comprehension skills, including analysis and evaluation. Upon completion, students should be able to demonstrate comprehension and analysis and respond effectively to material across disciplines.

EDUCATION (EDU)

EDU 100 **EXPLORING TEACHING** **2 HOURS**
AS A PROFESSION
Prerequisite(s): As required by program
 This course provides students with an opportunity to explore teaching as a career. The role of the teacher, the benefits of teaching and the steps to becoming a teacher are some of the topics that will be explored. Students will be exposed to examples of good teaching and self-assess their personal and professional qualities.

ENGLISH (ENG)

ENG 101 **ENGLISH COMPOSITION I** **3 HOURS**
Prerequisite(s): Successful completion of ENG 093; or a score of 42 or better on the English section of ASSET; or a score of 20 or better on the ACT (or equivalent SAT score)
 English Composition I provides instruction and practice in the writing of at least six (6) extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition I may include instruction and practice in library usage.

ENG 102 **ENGLISH COMPOSITION II** **3 HOURS**
Prerequisite(s): A grade of "C" or better in ENG 101 or the equivalent
 English Composition II provides instruction and practice in the writing of six (6) formal, analytical essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II may include instruction and practice in library usage.

ENG 246 **CREATIVE WRITING I** **3 HOURS**
Prerequisite(s): ENG 102 and/or as required by program
 This course provides instruction and practice in the writing of critical analysis of imaginative forms of literature. Emphasis is placed on originality in the creative writing process, and this course may include instruction on publishing. Students will compose a significant body of imaginative literature, which may be read by or to the class.

ENG 247 **CREATIVE WRITING II** **3 HOURS**
Prerequisite(s): ENG 246 and/or as required by program
 A continuation of ENG 246, this course provides instruction and practice in the writing of critical analysis of imaginative forms of literature. Emphasis is placed on originality in the creative writing process, and this course may include instruction on publishing. Students will compose a significant body of imaginative literature, which may be read by or to the class.

ENG 251 **AMERICAN LITERATURE I** **3 HOURS**
Prerequisite(s): ENG 102 or equivalent
 This course is a survey of American literature from its inception to the middle of the nineteenth century. Emphasis is placed on representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. Upon completion and in written compositions, students will be able to interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

ENG 252 **AMERICAN LITERATURE II** **3 HOURS**
Prerequisite(s): ENG 102 or equivalent
 This course is a survey of American literature from the middle of the nineteenth century to the present. Emphasis is placed on representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. Upon completion and in written compositions, students will be able to interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

ENG 261 **ENGLISH LITERATURE I** **3 HOURS**
Prerequisite(s): ENG 102 or equivalent and/or as required by program
 This course is a survey of English literature from its the Anglo-Saxon period to the Romantic Age. Emphasis is placed on representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. Upon completion and in written compositions, students will be able to interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

ENG 262 **ENGLISH LITERATURE II** **3 HOURS**
Prerequisite(s): ENG 102 or equivalent and/or as required by program
 This course is a survey of English literature from the Romantic Age to the present. Emphasis is placed on representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. Upon completion and in written

compositions, students will be able to interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

ENG 271 WORLD LITERATURE I 3 HOURS
Prerequisite(s): ENG 102 or equivalent and/or as required by program

This course is a study of selected literary masterpieces from Homer to the Renaissance. Emphasis is placed on major representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. Upon completion and in written compositions, students will be able to interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

ENG 272 WORLD LITERATURE II 3 HOURS
Prerequisite(s): ENG 102 or equivalent and/or as required by program

This course is a study of selected literary masterpieces from the Renaissance to the present. Emphasis is placed on major representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. Upon completion and in written compositions, students will be able to interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

ENG 297 AFRICAN AMERICAN LITERATURE 3 HOURS
Prerequisite(s): ENG 102 or the equivalent and/or as required by program

This course is a study of literature produced by representative African Americans from the eighteenth century to the present. The course emphasizes the diversity of themes and techniques found in these works and examines the historical, cultural, literary, and philosophical forces that shaped these works and that are reflected in them. Students will demonstrate the ability to interpret the literature and to relate the works to their historical and literary contexts.

FRENCH (FRN)

FRN 101 INTRODUCTORY FRENCH I 4 HOURS
Prerequisite(s): As required by program

This course provides an introduction to French. Topics include the development of basic communication skills and the acquisition of basic knowledge of the cultures of French-speaking areas.

FRN 102 INTRODUCTORY FRENCH II 4 HOURS
Prerequisite(s): FRN 101 or Equivalent and/or as required by program

This continuation course includes the development of basic communication skills and the acquisition of basic knowledge of the cultures of French-speaking areas.

FRN 201 INTERMEDIATE FRENCH I 3 HOURS
Prerequisite(s): FRN 102 or Equivalent and/or as required by program

This course includes a review and further development of communication skills. Topics include readings of literary, historical, and/or cultural texts.

FRN 202 INTERMEDIATE FRENCH II 3 HOURS
Prerequisite(s): FRN 201 or Equivalent and/or as required by program

This continuation course includes a review and further development of communication skills. Topics include reading s of literary, historical, and/or cultural texts.

GEOGRAPHY (GEO)

GEO 101 PRINCIPLES OF PHYSICAL GEOGRAPHY 4 HOURS

Prerequisite(s)(s): As required by program

Physical Geography I is the first in a two-part sequence including topics such as weather and climate relative to the earth and relationships between the earth and sun. Laboratory is required.

HEALTH EDUCATION (HED)

HED 221 PERSONAL HEALTH 3 HOURS
Prerequisite(s): As required by program

This course introduces principles and practices of personal and family health; it includes human reproduction, growth and development, psychological dimensions of health, human sexuality, nutrition and fitness, aging, death and dying.

HED 224 PERSONAL AND COMMUNITY HEALTH 3 HOURS

Prerequisite(s): As required by program

This course covers health problems for the individual and for the community. Areas of study include mental health, family life, physical health, chronic and degenerative diseases, control of communicable diseases, and the understanding of depressants and stimulants. Healthful living habits will be emphasized.

HED 230 SAFETY AND FIRST AID 3 HOURS
Prerequisite(s): As required by program

HED 230 is divided into two parts. The first part concerns itself with the development of a safety education program within an organization (i.e., school, office, shop, etc.). The second part deals with physical injuries, emergency care, and treatment of those injuries. CPR certification and Standard Red Cross Cards are given upon successful completion of American Red Cross requirements.

HED 231 FIRST AID 3 HOURS
Prerequisite(s): As required by program

This course provides instruction to the immediate, temporary care which should be given to the victims of accidents and sudden illness. It also includes standard and advanced

requirements of the American Red Cross, and/or the American Heart Association. CPR training also is included.

HED 232 CARE AND PREVENTION OF ATHLETIC INJURIES 3 HOURS

Prerequisite(s): As required by program

This course provides a study of specific athletic injuries, their treatment, and preventive measures.

HED 267 DRUG EDUCATION 3 HOURS

Prerequisite(s): As required by program

This course provides an examination of the drug scene with emphasis on the following: pharmacological, and sociological aspects of drug use; rehabilitation and treatment resources; and the law enforcement procedures.

HISTORY (HIS)

HIS 101 WESTERN CIVILIZATION I 3 HOURS

Prerequisite(s): As required by program

This course is a survey of social, intellectual, economic, and political developments, which have molded the modern western world. This course covers the ancient and medieval periods and concludes in the era of the Renaissance and Reformation.

HIS 102 WESTERN CIVILIZATION II 3 HOURS

Prerequisite(s): As required by program

This course is a continuation of HIS 101; it surveys development of the modern western world from the era of the Renaissance and Reformation to the present.

HIS 216 HISTORY OF WORLD RELIGIONS 3 HOURS

Prerequisite(s): As required by program

This course presents a comparison of the major religions of the world from a historical perspective. Emphasis is placed on the origin, development, and social influence of Christianity, Judaism, Islam, Hinduism, Buddhism, and others.

HIS 201 UNITED STATES HISTORY 3 HOURS

Prerequisite(s): As required by program

This course surveys United States history during colonial, Revolutionary, early national and antebellum periods. It concludes with the Civil War and Reconstruction.

HIS 202 UNITED STATES HISTORY 3 HOURS

Prerequisite(s): As required by program

This course is a continuation of HIS 201; it surveys United States history from the Reconstruction era to the present.

HIS 256 AFRICAN-AMERICAN HISTORY 3 HOURS

Prerequisite(s): As required by program

This course focuses on the experience of African-American people in the western hemisphere, particularly the United States. It surveys the period from the African origins of the slave trade during the period of exploration and colonization to the present. The course presents a comparison between the African experience in the United States and in Mexico and South America.

HIS 260 ALABAMA HISTORY 3 HOURS

Prerequisite(s): As required by program

This course surveys the development of the state of Alabama from pre-historic times to the present. The course presents material on the discovery, exploration, colonization, territorial period, ante-bellum Alabama, Reconstruction, and modern history.

HIS 299 DIRECTED STUDIES IN HISTORY 1-3 HOURS

Prerequisite(s): As required by program

This course affords students opportunities to study selected topics of a historical nature under the direction of an instructor either as part of class or on an individual basis. Internships with historical and preservation organizations, thesis development, and the analysis of secondary monographs are examples of activities for this course. HIS 299 may be repeated for credit.

HUMANITIES (HUM)

HUM 101 INTRODUCTION TO HUMANITIES I 3 HOURS

Prerequisite(s): As required by program

This is the first course in a two-semester sequence that offers the student an introduction to the humanities using selections from art, music, literature, history, and philosophy that relates to a unifying theme.

HUM 102 INTRODUCTION TO HUMANITIES II 3 HOURS

Prerequisite(s): HUM 101 and/or as required by program

This course is a continuation of HUM 101.

HUMAN SERVICES (HUS)

HUS 222 GROUP COUNSELING TECHNIQUES 3 HOURS

Prerequisite(s): As required by program.

This course provides the techniques used for facilitating and assisting individuals to seek a variety of social experiences and interests. Emphasis is placed on outlets for such needs as status, security and other emotional feelings and problems to be expressed in a non-threatening atmosphere. Upon completion of this course the student will have attained leadership techniques and skills that enable him/her to effectively work through the different stages of the group process.

MATHEMATICS (MTH)

MTH 100 **INTERMEDIATE COLLEGE ALGEBRA** **3 HOURS**

Prerequisite(s): MTH 092 or MTH 098 or appropriate mathematics placement score

This course provides a study of algebraic techniques such as linear equations and inequalities, quadratic equations, systems of equations, and operations with exponents and radicals. Functions and relations are introduced and graphed with special emphasis on linear and quadratic functions. This course does not apply toward the general core requirement for mathematics.

MTH 110 **FINITE MATHEMATICS** **3 HOURS**

Prerequisite(s): All core mathematics courses in Alabama must have as a minimum prerequisite high school Algebra I, Geometry, and Algebra II with an appropriate mathematics placement score. An alternative to this is that the student should successfully pass with a C or higher (S if taken as pass/fail) Intermediate College Algebra.

This course is intended to give an overview of topics in finite mathematics together with their applications, and is taken primarily by students who are not majoring in science, engineering, commerce, or mathematics (i.e., students who are not required to take Calculus). This course will draw on and significantly enhance the student's arithmetic and algebraic skills. The course includes sets, counting, permutations, combinations, basic probability (including Baye's Theorem), and introduction to statistics (including work with Binomial Distributions and Normal Distributions), matrices and their applications to Markov chains and decision theory. Additional topics may include symbolic logic, linear models, linear programming, the simplex method and applications.

MTH 112 **PRECALCULUS ALGEBRA** **3 HOURS**

Prerequisite(s): All core mathematics courses in Alabama must have as a minimum prerequisite high school Algebra I, Geometry, and Algebra II with an appropriate mathematics placement score. An alternative to this is that the student should successfully pass with C or higher (S if taken as pass/fail) Intermediate College Algebra.

This course emphasizes the algebra of functions - including polynomial, rational, exponential, and logarithmic functions. The course also covers systems of equations and inequalities, quadratic inequalities, and the binomial theorem. Additional topics may include matrices, Cramer's Rule, and mathematical induction.

MTH 113 **PRECALCULUS TRIGONOMETRY** **3 HOURS**

Prerequisite(s): A minimum prerequisite of high school Algebra I, Geometry, and Algebra II with an appropriate mathematics placement score is required. An alternative to this is that the student should successfully pass with a C or higher (S if taken as pass/fail) MTH 112.

This course includes the study of trigonometric (circular functions) and inverse trigonometric functions, and includes extensive work with trigonometric identities and trigonometric equations. The course also covers vectors, complex numbers, DeMoivre's Theorem, and polar coordinates. Additional topics may include conic sections, sequences, and using matrices to solve linear systems.

MTH 116 **MATHEMATICAL APPLICATIONS** **3 HOURS**

Prerequisite(s): MTH 090 or appropriate mathematics placement score

This course provides practical applications of mathematics and includes selected topics from consumer math and algebra. Some types included are integers, percent, interest, ratio and proportion, metric system, probability, linear equations, and problem solving. This is a terminal course designed for students seeking an AAS degree and does not meet the general core requirement for mathematics.

MTH 126 **CALCULUS II** **4 HOURS**

Prerequisite(s): A minimum prerequisite of high school Algebra I, Geometry, and Algebra II with an appropriate mathematics placement score is required. An alternative to this is that the student should successfully pass with a C or higher MTH 125.

This is the second of three courses in the basic calculus sequence. Topics include vectors in the plane and in space, lines and planes in space, applications of integration (such as volume, arc length, work and average value), techniques of integration, infinite series, polar coordinates, and parametric equations.

MTH 186 **MEDICAL DOSAGE CALCULATION** **3 HOURS**

Prerequisite(s): MTH 090 or suitable placement score

This course explains mathematical applications to the following dosage calculations: oral dosages, injectable drugs, intravenous fluids, insulin, heparin, pediatric dosages, geriatric dosages, and electrolyte solutions. This course does not apply toward the general core requirement for mathematics.

MTH 227 **CALCULUS III** **4 HOURS**

Prerequisite(s): MTH 126 and/or as required by program

This is the third of three courses in the basic calculus sequence. Topics include vector functions, functions of two or more variables, partial derivatives (including applications), quadric surfaces, multiple integration, and vector calculus (including Green's Theorem, Curl and Divergence, surface integrals, and Stokes' Theorem).

MTH 237 **LINEAR ALGEBRA** **3 HOURS**

Prerequisite(s): MTH 126 and/or as required by program

This course introduces the basic theory of linear equations and matrices, real vector spaces, bases and dimension, linear transformations and matrices, determinants, eigenvalues and eigenvectors, inner product spaces, and the diagonalization of symmetric matrices. Additional topics may include quadratic forms and the use of matrix methods to solve systems of linear differential equations.

MTH 238 **APPLIED DIFFERENTIAL EQUATIONS I** **3 HOURS**

Co-requisite(s): MTH 227 and/or as required by program

An introduction to numerical methods, qualitative behavior of first order differential equations, techniques for solving separable and linear equations analytically, and applications to various models (e.g. populations, motion, chemical mixtures, etc.); techniques for solving higher order linear differential equations with constant coefficients (general theory, undetermined coefficients, reduction of order and the method of variation of parameters), with emphasis on interpreting the

behavior of the solutions, and applications to physical models whose governing equations are of higher order; the Laplace transform as a tool for the solution of initial value problems whose inhomogeneous terms are discontinuous.

MTH 265 ELEMENTARY STATISTICS 3 HOURS

Prerequisite(s): MTH 100 or appropriate mathematics placement score and/or as required by program

This course provides an introduction to methods of statistics, including the following topics: sampling, frequency distributions, measures of central tendency, graphic representation, reliability, hypothesis testing, confidence intervals, analysis, regression, estimation, and applications. Probability, permutations, combinations, binomial theorem, random variables, and distributions may be included.

MUSIC (MUS)

MUS 101 MUSIC APPRECIATION 3 HOURS

Prerequisite(s): As required by program

This course is designed for non-music majors and requires no previous musical experience. It is a survey course that incorporates several modes of instruction including lecture, guided listening, and similar experiences involving music. The course will cover a minimum of three (3) stylistic periods, provide a multi-cultural perspective, and include both vocal and instrumental genres. Upon completion, students should be able to demonstrate a knowledge of music fundamentals, the aesthetic/stylistic characteristics of historical periods, and an aural perception of style and structure in music.

MUS 111 MUSIC THEORY I 3 HOURS

Prerequisite(s): MUS 110 or suitable placement score or and/or as required by program. Co-requisite: MUS 113, if ear training lab is a separate course

This course introduces the student to the diatonic harmonic practices in the Common Practice Period. Topics include fundamental musical materials (rhythm, pitch, scales, intervals, diatonic harmonies) and an introduction to the principles of voice leading and harmonic progression. Upon completion, students should be able to demonstrate a basic competency using diatonic harmony through analysis, writing, sight singing, dictation and keyboard skills.

MUS 112 MUSIC THEORY II 1-4 HOURS

Prerequisite(s): MUS 111 and/or as required by program

Co-requisite: MUS 114, if ear training lab is a separate course

This course completes the study of diatonic harmonic practices in the Common Practice Period and introduces simple musical forms. Topics include principles of voice leading used in three- and four-part triadic harmony and diatonic seventh chords, non-chord tones, cadences, phrases and periods. Upon completion, students should be able to demonstrate competence using diatonic harmony through analysis, writing, sight singing, dictation and keyboard skills.

MUS 113 MUSIC THEORY LAB I 1 HOUR

Prerequisite(s): MUS 110 or suitable placement score and/or as required by program

Co-requisite(s): MUS 111, if ear-training lab is a separate course

This course provides the practical application of basic musical materials through sight singing; melodic, harmonic and rhythmic dictation; and keyboard harmony. Topics include intervals, simple triads, diatonic stepwise melodies, basic rhythmic patterns in simple and compound meter and four-part triadic progressions in root position. Upon completion, students should be able to write, sing and play intervals, scales, basic rhythmic patterns, diatonic stepwise melodies, simple triads and short four-part progressions in root position.

MUS 114 MUSIC THEORY 1 HOUR

Prerequisite(s): MUS 113 and/or as required by program

Co-requisite(s): MUS 112, if ear training lab is a separate course

This course continues the practical application of diatonic musical materials through sight singing; melodic, harmonic and rhythmic dictation; and keyboard harmony. Topics include intervals, scales, diatonic melodies with triadic arpeggiations, more complex rhythmic patterns in simple and compound meter and four-part diatonic progressions in all inversions. Upon completion, students should be able to write, sing and play all intervals, rhythmic patterns employing syncopations and beat divisions, diatonic melodies and four-part diatonic progressions.

MUS 115 FUNDAMENTALS OF MUSIC 3 HOURS

Prerequisite(s): As required by program

This course is designed to teach the basic fundamentals of music and develop usable musical skills for the classroom teacher. Topics include rhythmic notation, simple and compound meters, pitch notation, correct singing techniques, phrases, keyboard awareness, key signatures, scales, intervals and harmony using I, IV, and V with a chordal instrument. Upon completion, students should be able to sing a song, harmonize a simple tune, demonstrate rhythmic patterns and identify musical concepts through written documentation.

MUS 211 MUSIC THEORY III 1-4 HOURS

Prerequisite(s): MUS 112 and/or as required by program

Co-requisite(s): MUS 213, if ear training lab is a separate course

This course introduces the student to the chromatic harmonic practices in the Common Practice Period. Topics include secondary functions, modulatory techniques, and binary and ternary forms. Upon completion, students should be able to demonstrate competence using chromatic harmony through analysis, writing, sight singing, dictation and keyboard skills.

MUS 212 MUSIC THEORY IV 1-4 HOURS

Prerequisite(s): MUS 211 and/or as required by program

Co-requisite(s): MUS 214, if ear training lab is a separate course

This course completes the study of chromatic harmonic practices in the Common Practice Period and introduces the student to twentieth-century practices. Topics include the Neapolitan and augmented sixth chords, sonata form, late nineteenth-century tonal harmony and twentieth-century practices and forms. Upon completion, students should be able to demonstrate competence using chromatic harmony and basic

twentieth century techniques through analysis, writing, sight singing, dictation and keyboard skills.

MUS 213 **MUSIC THEORY LAB III** **1 HOUR**
Prerequisite(s): *MUS 114 and/or as required by program*
Co-requisite(s): *MUS 211, if ear-training lab is a separate course*

This course provides the practical application of chromatic musical materials through sight singing; melodic, harmonic and rhythmic dictation; and keyboard harmony. Topics include melodies with simple modulations, complex rhythms in simple and compound meter, and secondary function chords. Upon completion, students should be able to write, sing and play modulating melodies, rhythmic patterns with beat subdivisions and four-part chromatic harmony.

MUS 214 **MUSIC THEORY LAB IV** **1 HOUR**
Prerequisite(s): *MUS 213 and/or as required by program*
Co-requisite(s): *MUS 212, if ear-training lab is a separate course*

This course provides the practical application of chromatic musical materials and simple twentieth-century practices through sight singing; melodic, harmonic and rhythmic dictation; and keyboard harmony. Topics include chromatic and atonal melodies; complex rhythmic patterns in simple, compound and asymmetric meters; chromatic chords and twentieth-century harmony. Upon completion, students should be able to write, sing and play chromatic and atonal melodies, complex rhythms and meters, four-part chromatic harmony and simple twentieth-century chord structures.

MUSIC ENSEMBLE (MUL)

MUL 101 **CLASS PERFORMANCE** **1 HOURS**
INSTRUCTION

Prerequisite(s): *As required by program*
 Group instruction is available in voice, piano, strings, woodwinds, brass, percussion and fretted instruments for students with little or no previous training. Emphasis is placed on the rudiments of music, basic performance technique and general musicianship skills. Upon completion of one or a sequence of courses, students should be able to demonstrate a basic proficiency in singing or playing and a knowledge of music fundamentals.

PHILOSOPHY (PHL)

PHL 206 **ETHICS AND SOCIETY** **3 HOURS**
Prerequisite(s): *As required by program*

This course involves the study of ethical issues which confront individuals in the course of their daily lives. The focus is on the fundamental questions of right and wrong, of human rights, and of conflicting obligations. The student should be able to understand and be prepared to make decisions in life regarding ethical issues.

PHYSICAL EDUCATION (PED)

PED 100 **FUNDAMENTALS OF FITNESS** **3 HOURS**
Prerequisite(s): *As required by program*

This lecture course includes the basic principles of physical education and physical fitness. It explores psychological and physiological effects of exercise and physical fitness, including effects on the human skeleton, muscle development, respiration, and coordination. It is viewed as an introduction to such laboratory courses as gymnastics, weight training, and conditioning. The course may also include fitness evaluation, development of individual fitness programs, and participation in fitness activities.

PED 103 **BEGINNING WEIGHT** **1 HOUR**
TRAINING
Prerequisite(s): *As required by program*

This course introduces the basics of weight training. Emphasis is placed on developing muscular strength, muscular endurance, and muscle tone. Upon completion, students should be able to establish and implement a personal weight-training program.

PED 104 **INTERMEDIATE WEIGHT** **1 HOUR**
TRAINING
Prerequisite(s): *As required by program*

This course covers advanced levels of weight training. Emphasis is placed on meeting individual training goals and addressing weight training needs and interests. Upon completion, students should be able to establish and implement an individualized advanced weight-training program.

PED 107 **BEGINNING AEROBICS** **1 HOUR**
DANCE
Prerequisite(s): *PED 106 and/or as required by program*

This course introduces the fundamentals of step and dance aerobics. Emphasis is placed on basic stepping up, basic choreographed dance patterns, and cardiovascular fitness; and upper body, floor, and abdominal exercises. Upon completion, students should be able to participate in basic dance aerobics.

PED 108 **INTERMEDIATE AEROBICS** **1 HOUR**
DANCE
Prerequisite(s): *PED 107 and/or as required by program*

This course provides a continuation of step aerobics. Emphasis is placed on a wide variety of choreographed step and dance patterns; cardiovascular fitness; and upper body, abdominal, and floor exercises. Upon completion, students should be able to participate in and design an aerobics routine.

PED 121 **BEGINNING BOWLING** **1 HOUR**
Prerequisite(s): *As required by program*

This course introduces the fundamentals of bowling. Emphasis is placed on ball selection, grips, stance, and delivery along with rules and etiquette. Upon completion, students should be able to participate in recreational bowling.

PED 122 **INTERMEDIATE BOWLING** **1 HOUR**
Prerequisite(s): *PED 121 and/or as required by program*

This course covers more advanced bowling techniques. Emphasis is placed on refining basic skills and performing

advanced shots, spins, pace, and strategy. Upon completion, students should be able to participate in competitive bowling.

PED 123 BEGINNING GOLF 1 HOUR

Prerequisite(s): As required by program

This course emphasized the fundamentals of golf. Topics include the proper grips, stance, alignment, swings for the short and long game, putting, and the rules and etiquette of golf. Upon completion, students should be able to perform the basic golf shots and demonstrate a knowledge of the rules and etiquette of golf.

PED 124 INTERMEDIATE GOLF 1 HOUR

Prerequisite(s): PED 123 and/or as required by program

This course covers the more advanced phases of golf. Emphasis is placed on refining the fundamental skills and learning more advanced phases of the games such as club selection, trouble shots, and course management. Upon completion, students should be able to demonstrate the knowledge and ability to play a recreational round of golf.

PED 131 BEGINNING BADMINTON 1 HOUR

Prerequisite(s): As required by program

This course covers the fundamentals of badminton. Emphasis is placed on the basics of serving, clears, drops, drives, smashes, and the rules and strategies of singles and doubles. Upon completion, students should be able to apply these skills in playing situations.

PED 132 INTERMEDIATE BADMINTON 1 HOUR

Prerequisite(s): As required by program

This course provides the student to participate in intermediate level competition in badminton. Emphasis is placed on advanced skills and strategies in badminton.

PED 133 BEGINNING TENNIS 1 HOUR

Prerequisite(s): As required by program

This course emphasized the fundamentals of tennis. Topics include basic strokes, rules, etiquette, and court play. Upon completion, students should be able to play recreational tennis.

PED 140 BEGINNING SWIMMING 1 HOUR

Prerequisite(s): As required by program

This course is designed for non-swimmers and beginners. Emphasis is placed on developing confidence in the water, learning water safety, acquiring skills in floating, and learning elementary strokes. Upon completion, students should be able to demonstrate safety skills and be able to tread water, back float, and use the crawl stroke for 20 yards.

PED 141 INTERMEDIATE SWIMMING 1 HOUR

Prerequisite(s): PED 140 and/or as required by program

This course is designed for those who have mastered basic swimming skills. Emphasis is placed on refining basic skills and learning new swim strokes. Upon completion, students should be able to demonstrate the four basic strokes, the scissor kick, the underwater swim, and other related skills.

PED 171 BEGINNING BASKETBALL 1 HOUR

Prerequisite(s): As required by program

This course covers the fundamentals of basketball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in recreational basketball.

PED 176 BEGINNING VOLLEYBALL 1 HOUR

Prerequisite(s): As required by program

This course covers the fundamentals of volleyball. Emphasis is placed on the basics of serving, passing, setting, spiking, blocking, and the rules and etiquette of volleyball. Upon completion, students should be able to participate in recreational volleyball.

PED 200 FOUNDATIONS OF PHYSICAL EDUCATION 3 HOURS

Prerequisite(s): As required by program

In this course, the history, philosophy, and objectives of health, physical education, and recreation are studied with emphasis on the physiological, sociological, and psychological values of physical education. It is required of all physical education majors.

PED 216 SPORTS OFFICIATING 3 HOURS

Prerequisite(s): As required by program

This course surveys the basic rules and mechanics of officiating a variety of sports, including both team and individual sports. In addition to class work, students will receive at least 3 hours of practical experience in officiating.

PED 295 PRACTICUM IN PHYSICAL EDUCATION 1-3 HOURS

Prerequisite(s): As required by program

This course is designed to provide field experience in observation and assistance in the student's area of specialization. Students will work under the supervision of trained physical education teachers.

PHYSICAL SCIENCE (PHS)

PHS 111 PHYSICAL SCIENCE 4 HOURS

Prerequisite(s): As required by program

This course provides the non-technical student with an introduction to the basic principles of geology, oceanography, meteorology, and Astronomy. Laboratory is required.

PHS 112 PHYSICAL SCIENCE II 4 HOURS

Prerequisite(s): As required by program

This course provides the non-technical student with an introduction to the basic principle of chemistry and physics. Laboratory is required.

PHS 120 ENVIRONMENTAL SCIENCE 4 HOURS

Prerequisite(s): As required by program

This course is an interdisciplinary course designed to give the non-science major an introductory survey of the environment. The environment will be studied with an emphasis on topics such as air, soil, water, wild life, forestry and solid waste pollution. Laboratory is required and will emphasize field studies and experimentation.

PHS 121 APPLIED PHYSICAL SCIENCE I 4 HOURS

Prerequisite(s): As required by program

This course introduces the general principles of physics and chemistry. Topics include measurement, motion, Newton's laws of motion, momentum, energy, work, power, heat, thermodynamics, waves, sound, light, electricity, magnetism,

PSY 210 HUMAN GROWTH AND DEVELOPMENT 3 HOURS

Prerequisite(s): PSY 200 and/or as required by program
This course is the study of the psychological, social, and physical factors that affect human behavior from conception to death.

PSY 211 CHILD GROWTH AND DEVELOPMENT 3 HOURS

Prerequisite(s): PSY 200 and/or as required by program
This course is a systematic study of the behavior and psychological development of the child from conception to adolescence. Emphasis will be placed on principles underlying physical, mental, emotional and social development, methods of child study, and practical implications.

PSY 217 PSYCHOLOGY OF DEATH AND DYING 3 HOURS

Prerequisite(s): As required by program
This course is a study of the special psychological adjustments surrounding the issue of death and dealing with the terminally ill.

PSY 220 HUMAN SEXUALITY 3 HOURS

Prerequisite(s): As required by program
This course is a comprehensive and integrated approach to human sexuality emphasizing biological, psychological, social and emotional aspects.

PSY 230 ABNORMAL PSYCHOLOGY 3 HOURS

Prerequisite(s): PSY 200 and/or as required by program
This course is a survey of abnormal behavior and its social and biological origins. The anxiety related disorders, psychoses, personality disorders and mental deficiencies will be covered.

PSY 276 HUMAN RELATIONS 3 HOURS

Prerequisite(s): As required by program
This course focuses on readings, inter- and intrapersonal experiences, individual testing, employer visits and open discussions. Its goal is to assist the student in making a successful transition from classroom to the world of work.

SOCIAL WORK TECHNICIAN (SWT)**SWT 109 TECHNIQUES OF BEHAVIOR MODIFICATION I 3 HOURS**

Prerequisite(s): As required by program
In this course the student will demonstrate the ability to decrease inappropriate behaviors and to shape appropriate behavior through the use of behavior modification techniques.

SWT 130 THE COMMUNITY AND THE SOCIAL WORKER 3 HOURS

Prerequisite(s): As required by program
This course is designed to acquaint the student with the demographic, economic and cultural composition of the community. The student will develop technical skills for making practical application of available resources for enhancing the quality of life within the community.

SWT 131 PROBLEMS OF CHILDREN AND YOUTH 3 HOURS

Prerequisite(s): As required by program
This course develops an understanding of the emotional, social, psychological and physical needs of children and youth. This course presents the influences and responsibilities of natural and surrogate parents. The student becomes familiar with the nature and causes of the more common problems and develops skills for assisting with the prevention and/or improvement of problems common among children and youth.

SWT 133 GERIATRICS 3 HOURS

Prerequisite(s): As required by program
This course includes the study of the needs of making adjustments to retirement, activities and hobbies of the older person, and community agencies available for the aged. This course will include common psychological and physical problems of the aging. Actual experience will be provided in helping the elderly accept the changes in later life and teaching them of the many services available to them.

SOCIOLOGY (SOC)**SOC 200 INTRO TO SOCIOLOGY 3 HOURS**

Prerequisite(s): As required by program
This course is an introduction to the vocabulary, concepts, and theory of sociological perspectives of human behavior.

SOC 209 JUVENILE DELINQUENCY 3 HOURS

Prerequisite(s): SOC 200 and/or as required by program
This course examines the causes of delinquency. It also reviews programs of prevention, and control of juvenile delinquency as well as the role of the courts.

SOC 210 SOCIAL PROBLEMS 3 HOURS

Prerequisite(s): SOC 200 and/or as required by program
This course examines the social and cultural aspects, influences, incidences and characteristics of current social problems in light of sociological theory and research.

SOC 247 MARRIAGE AND THE FAMILY 3 HOURS

Prerequisite(s): SOC 200 and/or as required by program
This course is a study of family structures and families in a modern society. It covers preparation for marriage, as well as sociological, psychological, biological, and financial factors relevant to success in marriage and family life.

SPANISH (SPA)**SPA 101 INTRODUCTORY SPANISH I 4 HOURS**

Prerequisite(s): As required by program
This course provides an introduction to Spanish. Topics include the development of basic communication skills and the acquisition of basic knowledge of the cultures of Spanish-speaking areas.

SPA 102 INTRODUCTORY SPANISH II 4 HOURS*Prerequisite(s): SPA 101 or Equivalent*

This continuation course includes the development of basic communication skills and the acquisition of basic knowledge of the cultures of Spanish-speaking areas.

SPA 201 INTERMEDIATE SPANISH I 3 HOURS*Prerequisite(s): SPA 102 or Equivalent*

This course includes a review and further development of communication skills. Topics include readings of literary, historical, and/or cultural texts.

SPA 202 INTERMEDIATE SPANISH II 3 HOURS*Prerequisite(s): SPA 201 or Equivalent*

This continuation course includes a review and further development of communication skills. Topics include readings of literary, historical, and/or cultural texts.

SPEECH (SPH)**SPH 106 FUNDAMENTALS OF 3 HOURS**
ORAL COMMUNICATION*Prerequisite(s): As required by program*

Fundamentals of Oral Communication is a performance course that includes the principles of human communication: intrapersonal, interpersonal, and public. It surveys current communication theory and provides practical application.

SPH 107 FUNDAMENTALS OF 3 HOURS
PUBLIC SPEAKING*Prerequisite(s): As required by program*

This course explores principles of audience and environment analysis as well as the actual planning, rehearsing and presenting of formal speeches to specific audiences. Historical foundations, communication theories and student performances are emphasized.

SPH 116 INTRODUCTION TO 3 HOURS
INTERPERSONAL COMMUNICATION*Prerequisite(s): As required by program*

This course is an introduction to the basic principles of interpersonal communication.