

Labette Community College



2009-2010 Catalog

For additional information, or to enroll, contact:

Labette Community College
200 South 14th Street
Parsons, KS 67357
(620) 421-6700 or 1-888-LABETTE
Website is <http://www.labette.edu>

At the time of printing, this Catalog represented the current curriculum, educational plans, offerings, tuition, rates, fees, and requirements. However, the information may be altered from time to time to carry out the purposes and objectives of the College. Labette Community College retains the right to cancel programs or course offerings when enrollments are insufficient to continue them on an educationally sound and/or economically efficient basis. At all times, the most current version of the Catalog will be on the College Website, <http://www.labette.edu>.

*Labette Community College does not discriminate on the basis of race, color, religion, national origin, sex, age, or qualified handicapped in its education programs, activities, recruitment, admissions, or employment as required by Titles VI, VII, IX, and Section 504 of the Rehabilitation Act of 1973. Inquiries should be directed to:
Vice President of Student Affairs, Labette Community College, 200 South 14th Street, Parsons, KS 67357.
Telephone (620) 421-6700, extension 1264.*

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Photograph by:
LCC Public Relations Department

Important Phone Numbers

Main Campus	(620) 421-6700 or 1-888-LABETTE
Admissions Director	(620) 820-1228
Adult Basic Education	(620) 820-1147
Alumni Relations	(620) 820-1281
Associate Dean of General Education	(620) 820-1255
Associate Dean of Technical Education	(620) 820-1241
Athletic Director	(620) 820-1017
<i>Athletics Fax</i>	<i>(620) 421-5303</i>
Bookstore	(620) 820-1165 or (620) 820-1166
Business Office	(620) 820-1231
<i>Business Office Fax</i>	<i>(620) 421-0180</i>
Community Services	(620) 820-1278
Computer Services	(620) 820-1146
Disabilities Services	(620) 820-1234
Extension	(620) 820-1221
Facilities & Auxiliary Services Director	(620) 820-1235
Financial Aid	(620) 820-1219 or (620) 820-1226
Foundation	(620) 820-1281
GED Program	(620) 820-1147
Human Resources	(620) 820-1234
Instructional Media	(620) 820-1155
Library	(620) 820-1154
<i>Library Fax</i>	<i>(620) 421-1469</i>
Student Support Services	(620) 820-1143
<i>Student Support Services Fax</i>	<i>(620) 421-8284</i>
Outreach Director	(620) 820-1221
PREP Talent Search	(620) 820-1034
President's Office	(620) 820-1223
<i>President's Fax</i>	<i>(620) 421-0921</i>
Print Shop	(620) 820-1233 or (620) 820-1243
<i>Print Shop Fax</i>	<i>(620) 421-2786</i>
Public Relations	(620) 820-1280
Registrar	(620) 820-1274
Student Life Coordinator	(620) 820-1178
Student Senate	(620) 820-1178
Student Success Center	(620) 820-1147
<i>Student Success Center Fax</i>	<i>(620) 421-8284</i>
Tutoring Services, Student Support Services	(620) 820-1149
Tutoring Services, Student Success Center	(620) 820-1182
Vice President of Academic Affairs	(620) 820-1224
Vice President of Finance & Operations	(620) 820-1231
Vice President of Student Affairs	(620) 820-1236
<i>Vice President of Student Affairs Fax</i>	<i>(620) 421-0180</i>
<i>Transcript Request Fax</i>	<i>(620) 421-0180</i>
Veteran's Affairs	(620) 820-1226
Workforce Ed & Community Services Director	(620) 820-1278

Message from the President



As someone who began his higher education at a community college, I know what you can achieve at Labette Community College.

I know that when you continue your education or enter a career you have chosen you will be prepared for success.

I know that if you are a recent high school graduate or an adult returning to college to gain new skills, Labette Community College has the programs and support services designed to guide and enrich your college experience.

I know that Labette Community College has outstanding and dedicated faculty and staff with the knowledge and ability to help you prepare for the future.

I know from experience that at Labette Community College you can take the first steps in achieving your personal, academic and professional goals.

A lot of creative and exciting things are happening at Labette Community College – from plays and concerts to athletics. It is up to you to take advantage of the opportunity to get to know your faculty on an individual basis. Many of them are Labette Community College graduates!

I invite you to visit Labette Community College by website or in person. Come see what makes us so dynamic. Our Labette Community College family enthusiastically welcomes you.

See you soon,

George C. Knox, Ed.D.
President

General Information

Vision Statement

Labette Community College (LCC) will continue to enhance its standing as an exceptional College by striving for excellence in all its programs, services, and activities.

Mission Statement

Labette Community College provides quality learning opportunities in a supportive environment for success in a changing world.

Core Values

Labette Community College's commitment to its mission and to the communities it serves is anchored in core values shared by students, faculty, staff, administration, and Board of Trustees. These core values guide the College community and endure through the changing needs, aspirations, and goals of the campus and the community.

Accessibility

Labette Community College values open admission for all students regardless of their educational and socio-economical backgrounds. The College provides comprehensive learning opportunities through course scheduling at a variety of times and locations and diverse delivery methods.

Accountability

Labette Community College assumes a leadership role in identifying and responding to constituent needs in education and economic development. The College incorporates institutional effectiveness and outcomes assessment measures into the strategic planning and budgeting processes.

Caring

Labette Community College genuinely cares about students and the community it serves. This outlook provides a caring, supportive, and collaborative working and learning environment within the institution.

Community

Labette Community College listens to both individuals and community partners and values their input and support in shaping programs and services. Our success is in part measured by the quality and timeliness of our response and service to the community.

Diversity

Labette Community College values the dignity, worth, and potential of all people and the respectful treatment of individuals who learn and work at the College; therefore, the College celebrates the diversity in both our communities and our world.

Integrity

Personal honesty and reliability are essential elements at Labette Community College. The College community expects and consistently stands for integrity, ethical behavior, and personal responsibility both in words and actions.

Learning

The heart of Labette Community College is teaching and learning. Student learning is our primary goal. Every effort is made to provide programs and services that will assist students in reaching their maximum potential.

Quality

Labette Community College assists students and the community in attaining their goals through excellence in personnel, programs, activities, and technology. The College values quality in all endeavors and continuously strives for improvement, seeking new, flexible, and responsive ways to achieve its mission.

History of LCC

On April 4, 1923, Parsons voters approved a two-year Junior College by a 4 to 1 margin. Labette Community College was founded as Parsons Junior College that year on the top floor of the old high school building at 26th and Main. The 1925 graduating class had 23 members. Their course of study was conducted entirely at the old high school. The College program moved to the new Parsons Senior High-Junior College building (now Parsons Middle School) in 1926. The College relocated to its present campus in the former East Junior High School building at 14th and Broadway in 1963.

In June of 1965, voters approved the creation of the Labette Junior College District. The Parsons Board of Education operated the College on an interim basis, but it became a separate entity when the Labette Community Junior College Board of Trustees was elected in the spring of 1966. In 1978, the College was renamed Labette Community College.

The College has evolved from a city college primarily serving those students who wished to transfer to a four-year institution to a comprehensive community college offering transfer degrees, professional/technical degrees and certificates, continuing education, customized training for business and industry, lifelong learning opportunities, and a variety of programs and services for Southeast Kansas and the four-state region.

Accreditation and Membership

Labette Community College is a member of the American Association of Community Colleges (AACC) and the Kansas Association of Community College Trustees (KACCT). The Kansas Board of Regents (KBOR) and the Higher Learning Commission of the North Central Association of Colleges and Schools accredit Labette Community College. Individuals should direct their questions, comments, or concerns to:

Kansas Board of Regents
1000 SW Jackson Street, Suite 520
Topeka, KS 66612-1368
(785) 296-3421
<http://www.kansasregents.org>

Or

Higher Learning Commission of the North
Central Association of Colleges and Schools
30 N LaSalle Street, Suite 2400
Chicago, IL 60602-2504
(800) 621-7440 or (312) 263-0456
<http://www.ncahigherlearningcommission.org>

The LCC Bi-level Nursing Program is accredited by the National League for Nursing Accrediting Commission, Inc. (NLNAC), 3343 Peachtree Rd NE, Ste 500 Atlanta, GA 30326, 404-975-5000, <http://www.nlnac.org>. The Nursing Program is also approved by the Kansas State Board of Nursing, (KSBN), Landon State Office Building, 900 SW Jackson Street, Suite 1051, Topeka, KS 66612-1230, (785) 296-4929, <http://www.ksbn.org>.

The Radiography Department is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 North Wacker Drive, Suite 900, Chicago, IL 60606-2901, (312) 704-5300, <http://www.jrcert.org>.

The Respiratory Therapy Department is accredited by the Committee on Accreditation for Respiratory Care (COARC), 1248 Harwood Road, Bedford, TX 76021-4244, (817) 283-2835 or (800) 874-5615, <http://www.coarc.com>.

Labette Community College Foundation

The Labette Community College Foundation is a Kansas nonprofit corporation and an Internal Revenue Service 501 (c)(3) organization. The purpose of the Foundation is to raise money from alumni, friends, and businesses in support of College programs. The majority of Foundation support is for scholarships. Support is also provided for buildings and grounds, faculty/staff development, student activities, equipment and supplies, and community outreach.

The Foundation manages the Jack and Ruth Gribben Endowment Fund that sponsors the annual Gribben English Lecture Series and the biennial Gribben Community Classics Series. The Foundation awards the annual Cardinal Citation for lifetime service and the annual William and Allene Guthrie Van Meter Outstanding Alumni Achievement Award.

A booklet listing Foundation scholarships is available in the Foundation Office and the College Admissions Office. The Foundation does not make scholarship award decisions. Award decisions are made by the College Financial Aid Office in accordance with established policies and procedures. For more information on the Labette Community College Foundation please call (620) 820-1281.

Academic Information



This section includes various rules, guidelines, and processes that allow the student and College to operate on a common basis for a common purpose---completion of the student's educational goals. The topics in this section are listed alphabetically.

Academic Forgiveness

Labette Community College (LCC) permits students to petition for academic forgiveness of coursework completed at least three (3) years prior to the petition date. Approval of the petition permits a new start without the handicap of a prior academic record. A student eligible for consideration may apply for academic forgiveness by petitioning the Vice President of Academic Affairs using the following guidelines:

1. Labette Community College course work subject to the petition must have been taken three (3) or more calendar years prior to the date of the petition.
2. There must have been a break in enrollment at LCC of at least two (2) calendar years after the term for which the petition is filed.
3. When invoking academic forgiveness, a student may designate not more than two (2) academic terms (fall, spring, or summer) to be forgiven in his or her academic record. Only terms completed prior to returning to LCC may be designated.
4. At the time of petitioning for academic forgiveness, the student must have completed 12 credit hours within the previous 12 months with an earned GPA of at least 2.0 at LCC.
5. A petition for academic forgiveness will not be considered if a degree has been earned from LCC subsequent to the semester(s) in question.
6. All "forgiven" course work will continue to appear on the transcript but will not be included in the student's LCC cumulative GPA, nor shall any course in the term be counted toward a degree granted by LCC.
7. Academic forgiveness will be granted only once.
8. This procedure refers to LCC only. A student transferring from or to another institution will have to follow the other institution's procedure.
9. Students who have been granted academic forgiveness will not be considered for graduation with honors.
10. Granting of academic forgiveness does not affect nor alter a student's record for financial aid awards or for athletic eligibility.

Academic Misconduct

Labette Community College expects students to adhere to a strict code of academic honesty. Students should learn in an environment of integrity, free from the intrusion of any kind of dishonest conduct.

Academic Misconduct Appeals

Please refer to the LCC Student Handbook for the Academic Misconduct Appeals process.

Academic Misconduct Penalties

Being found guilty of academic misconduct will result in a minimum of a zero grade for the paper, assignment, clinical, course trip, or test on which the violation occurred. Instructors may choose a more stringent course of action as specified in the course syllabus.

Academic Probation and Dismissal

A student's cumulative grade point average (GPA) is used to evaluate his or her academic progress. Students are considered to be making satisfactory progress toward an Associate Degree if a minimum of 2.0 GPA is maintained.

A student whose GPA falls below minimum progress will be placed on probation for the next semester. If significant progress has been demonstrated, but the student has not quite attained a minimum of 2.0, a second semester on probation may be granted. The student must petition the Vice President of Student Affairs to request an additional semester on probation.

If the 2.0 minimum GPA has not been achieved after a second semester on probation, the student will be suspended from the College. Petition for reinstatement can be made after one semester has expired. During suspension, the student will be encouraged to enroll in developmental courses to assist him or her in required studies upon reinstatement.

Add/Drop/Withdrawal Policy*

It is the student's responsibility to officially add, drop, or withdraw from a course in which he or she is enrolled. (Students should never stop attending class without completely processing the Add/Drop/Withdrawal Form. Failure to take such action will result in an "F" being assigned for the course.)

1. Courses may be added or dropped during the first week of classes without approvals.
2. Courses **cannot** be dropped by phone.
3. Courses may also be added the second week of classes with the instructor's permission. An Add/Drop/Withdrawal Form must be completed for the added course, signed by the course instructor, and the student's adviser or the appropriate Associate Dean or Director.

For additional information on the Add/Drop/Withdrawal Policy, please refer to the LCC Student Handbook.

* Refer to applicable academic calendar for specific drop dates, especially for the summer sessions.

Advisement

All students should meet with an adviser before enrolling each semester. Each student attending day classes will be assigned an adviser to assist with planning a schedule of study designed to accomplish the student's goal. The adviser's or Associate Dean's signature is required on all Enrollment and Add/Drop forms for full-time students. Students who transfer to LCC should provide an official copy of transcripts from the other institutions to Student Affairs before meeting with their adviser. Advisers are available on the Parsons campus throughout the academic year and at extension sites during the respective enrollment sessions.

Appeal of Final Grade

In the event a student believes that a grade for a course has been incorrectly recorded, procedures to request a grade change may be obtained through the Student Affairs Office. Students may request a grade change no later than one (1) calendar year after the date the final course grade was officially recorded.

- A. For grade change requests submitted within one year of the date of having been originally recorded, the following actions will occur:
 1. The student must first contact the instructor with a written statement regarding why he/she requests a grade change. The instructor will then make a written response to the student within ten working days of receipt of the request on whether he/she will make a grade change. If the instructor decides to change the grade, a Change of Grade form is submitted by the instructor to the appropriate Associate Dean and to the Vice President of Academic Affairs for approval. The Vice President of Academic Affairs will inform the Registrar of any grade changes which should be officially recorded.
 2. If the student is not satisfied with the instructor's decision, the student must contact, in writing, the instructor's immediate supervisor (Program Director, appropriate Associate Dean) within ten working days after the decision was rendered by the instructor. The instructor's supervisor must then make a decision, after consultation with both the instructor and the student, on the grade change. The instructor's supervisor will make a written response to the student, copied to the instructor, within ten working days of the date he/she was originally contacted by the student. If the instructor's immediate supervisor decides to change the grade, a Change of Grade form is submitted to the appropriate Associate Dean and to the Vice President of Academic Affairs for approval. The Vice President of Academic Affairs will inform the Registrar of any grade changes which should be officially recorded.
 3. If the student is not satisfied with the supervisor's decision and if the instructor's immediate supervisor reports to an Associate Dean, the student must contact, in writing, the appropriate Associate Dean within

ten working days after the decision was rendered by the instructor's immediate supervisor. The appropriate Associate Dean must then make a decision to approve or disapprove the decision, after consultation with all parties involved, and will respond to the student, with the response copied to the supervisor and instructor, within ten working days of the date he/she was originally contacted by the student. If the Associate Dean decides to change the grade, a Change of Grade form is submitted to the Vice President of Academic Affairs for approval. The Vice President of Academic Affairs will inform the Registrar of any grade changes which should be officially recorded.

4. If the student is not satisfied with the Associate Dean's decision, he/she must contact, in writing, the Vice President of Academic Affairs within ten working days after the decision was rendered by the Associate Dean. The Vice President of Academic Affairs will then make a decision to approve or disapprove the requested grade change after consultation with all parties involved, and will respond to the student, with copies to the other parties, within ten working days of the date he/she was originally contacted by the student. The Vice President of Academic Affairs will inform the Registrar and student of any changes which should be officially recorded. Such a decision will be considered final.
- B. If the instructor of the course is no longer available, the student may submit, in writing, to the instructor's immediate supervisor (Program Director, appropriate Associate Dean), a request that a grade be changed. Such request must provide reasons why a change should be made. After considering the request and the circumstances, the supervisor will make a recommendation to the appropriate Associate Dean or Vice President of Academic Affairs and a decision will be rendered. Such decision will be considered final.
- C. These procedures are the responsibility of the Vice President of Academic Affairs who may make minor, nonsubstantive changes or decisions to ensure the procedures are operationally effective.

Attendance Guidelines

Regular attendance is essential for college success. Each instructor determines the attendance requirements that will be included in the course syllabus. Failure to comply with the course attendance requirements as stated in the syllabus may result in a lowered grade or involuntary withdrawal from the course.

Students who have absences due to student representation of the College in an official capacity such as athletic travel or due to participation in a class or club-sponsored activity will be allowed to make up coursework upon presentation of verifying evidence. It is the student's responsibility to provide such evidence prior to absence.

Audit

Students may take a course for no credit by requesting an audit at the time of enrollment (see Special Tuition and Fees in Financial Information Section). Audit

status cannot be reversed. If a course is audited, a grade will not be assigned and the instructor will not be required to administer or grade tests for these students. Students enrolling in courses for credit will be given priority over audit students when seating is limited.

College Credit for Nontraditional Education

Nontraditional education is learning that has not been transcribed by a regionally accredited higher education institution. To encourage and assist students to complete degrees, LCC may award college credit for nontraditional education. Work experience will not be considered. The procedure and guidelines are as follows:

1. Students are encouraged to seek advice from the Admissions Office. A \$25 fee must accompany the required application. Normal tuition and fees, which must be paid prior to posting any credit on a transcript. The student must complete at least 12 credit hours at LCC with at least a cumulative 2.0 GPA before nontraditional credit will be awarded.
2. The student must be currently enrolled in at least six (6) credit hours at LCC and have a degree objective.
3. A maximum of 15 credit hours may be awarded and only six (6) can be used to fulfill concentration requirements.
4. All courses for which nontraditional credit is awarded must have equivalent courses in the LCC curriculum. Partial credit will not be awarded.
5. General education course credit will not be awarded for nontraditional education.
6. Course credit may be awarded for courses taken in the military if the course is identified in a current American Council on Education Guide.
7. Nontraditional education credits will not be awarded unless the learning was fostered in a recognized national or state organization.
8. Students must provide validated documentation stating the courses, knowledge, skills, and credit/clock hours completed.
9. The Associate Dean will review, and as applicable, seek advice from full-time faculty.
10. In some areas, departmental exams may provide an alternative to credit awarded for nontraditional education.
11. Credit is not awarded for prior work experience.

College Credit from other Colleges

A maximum of 42 credit hours of recognized credit transferred from another college can be applied to associate degree requirements at Labette Community College. A minimum of 18 credit hours must be completed at LCC for an Associate's Degree and 12 credit hours for a certificate.

College Entrance Examination Board (CEEB)

Advanced Placement (AP) Examinations are given each year to high school students who are enrolled in Advanced Placement courses. The student will be required to pay regular tuition to have the credits recorded on his or her transcript. LCC will accept a total of 12 AP credit hours of general education. LCC will grant credit to students presenting the following examination scores:

Score	Credit Hours
5	5-10
4	3-10
3	3-5
1 or 2	0

Note: Not all institutions accept CEEB credits. It is the student’s responsibility to check with the institution they might be transferring to in order to ensure acceptance.

College Level Examination Program (CLEP)

The CLEP is a national system of credit by examination, offering five general examinations assessing college level general education, as well as a number of subject examinations relating to specific college courses.

Labette Community College is an approved CLEP Testing Center. Both general and subject examinations are administered in the Student Success Center. LCC will accept a total of 12 CLEP credit hours of general education. A score of 50 or above is required to apply the credits toward a degree. The fee for CLEP testing is currently \$70 per test. The student will also be required to pay regular tuition to have the credits recorded on his or her LCC transcript.

Courses that are awarded by CLEP examination will be noted on transcripts as “Transferred from College Level Exam Program.”

Note: Not all institutions accept CLEP credits. It is the student’s responsibility to check with the institution they might be transferring to in order to ensure acceptance.

For information regarding subject examinations or additional information about the test, please contact the Student Success Center at (620) 421-6700, extension 1147.

Course Load

The average full-time load for fall and spring is from 15 to 18 credit hours per semester. Students may take up to 21 credit hours per semester with approval of their adviser. The Vice President of Academic Affairs must approve enrollment in more than 21 credit hours per semester.

The full-time load for summer is 12 credit hours. Students who will receive financial aid must enroll in at least six (6) credit hours to receive half-time assistance. The Vice President of Academic Affairs must approve enrollment in more than 12 credit hours in the summer sessions.

Degree Options

Labette Community College offers Associate in Arts, Associate in Science, Associate in Applied Science, and Associate in General Studies degrees.

The Associate in Arts (AA) and Associate in Science (AS) Degrees are designed for students who plan to transfer to a four-year institution and pursue a baccalaureate degree.

The Associate in General Studies (AGS) Degree recognizes the completion of a broad general education. Transfer students will need to complete more lower-division courses at transfer universities unless they choose their courses very carefully.

The Associate in Applied Science (AAS) Degree is a career degree for students who plan to seek employment in a professional/technical area.

The AAS Degree may transfer only to specific degree programs at selected colleges and universities. Generally, this degree will only apply toward a bachelor's degree for technology occupations. Students should seek degree program evaluation, analysis, and advice from the institution to which they plan to transfer.

English as a Second Language (ESL) Applicants

Labette Community College wants to provide an opportunity for all students to attend college and be successful. Students who have achieved a level of proficiency in the English language are more likely to have a successful college experience. Labette Community College has established the following process to enhance student success for those students whose primary language is not English.

ESL Appeal Process

TOEFL Scores between 490-519 (written) and 160-189 (computer-based):

Records of individuals who have scored lower than 520 but higher than 490 will automatically be reviewed by the Vice President of Student Affairs and the Vice President of Academic Affairs. Such a student should provide any evidence available which demonstrates sufficient ability to understand English. A decision to admit the student may include a provision for participation in an English as a Second Language course.

TOEFL Scores Below 490 (written) and 160 (computer-based):

Records of individuals who have scored lower than 490 will be reviewed only upon written request from the student. The student should include in the request any evidence that demonstrates his or her ability to understand and communicate in English. The Vice President of Student Affairs and the Vice President of Academic Affairs will complete the review. Approval for admission may include required participation in an English as a Second Language course or similar preparatory activities. Admission to certain courses or programs may be restricted until English language ability is adequately improved.

ESL - Test of English as a Foreign Language Skills (TOEFL)

A student whose primary language is not English must submit, prior to enrolling, one of the following:

1. Record of successful completion of high school in which the language of instruction was English, or
2. Test of English as a Foreign Language (TOEFL) score of 520 written or 190 computer-based or higher, or
3. Completion of an ESL course/program from an accredited institution.

Exit Assessment

All students receiving an Associate Degree must take a series of assessments prior to graduation.

Labette Community College offers exit assessment for the following purposes:

- To enhance the student's ability to transfer to a university or obtain a job.
- To help the College improve its instructional programs by measuring and reporting student progress and skills.
- To determine the level of educational development for individual students as a means of identifying interventions needed to prepare students for further education.

Students with academic concentrations will take a minimum of five of the seven possible exams:

- Collegiate Assessment of Academic Proficiency (CAAP) Tests:
 - ❖ Writing
 - ❖ Reading
 - ❖ Mathematics
 - ❖ Science Reasoning
 - ❖ Critical Thinking
- LCC Social Science Tests
- LCC Humanities and Computer Skills Test

Students with professional/technical concentrations will take the WorkKeys test. Students taking the WorkKeys will take three sectional exams: Reading for Information, Applied Mathematics, and Writing.

The Assessment Coordinator in the Student Success Center will be in charge of administering these exams and he or she will assign tests at random prior to testing date. Results of these examinations are posted with the student's transcript.

All test dates will be announced early in the spring semester. It is the student's responsibility to register for the test. When reporting for testing, students will be required to present a photo ID and follow the rules of an ACT testing site. Students in professional/technical courses/programs may be required to take this test for both pre- and post-assessment. A hold will be placed on the transcript of any candidate for graduation who has not taken the appropriate exit assessment.

Grading System

The following symbols are used for student evaluation and will be sent with any transcript leaving the College.

A	Excellent	4 grade points
B	Good	3 grade points
C	Average	2 grade points
D	Below Average passing	1 grade point
F	Failing	0 grade point
P	Passing - Credit only, not computed in	

	cumulative grade point average
N	No credit - Not computed
I	Incomplete - Not computed
W	Withdrawn - No credit, no grade
R	Course Repeated - not included in GPA
T	Audit - No credit, no grade

Graduation Procedures

Note: Graduation requirements include a 2.0 minimum cumulative GPA.

All students who have completed at least 42 credit hours and plan to graduate in the fall or spring semester must request an official degree check in the Student Affairs Office by completing a “Degree Check Request” form. A “Degree Check Request” should be submitted no later than the end of October prior to spring graduation. All official transcripts from other institutions must be on file. Evaluation results of the student’s permanent academic record will be mailed to the student, outlining specific requirements needed for the degree selected. The response will indicate those requirements completed and those that need to be completed.

Degree candidates must meet graduation requirements found in the catalog of the student’s graduation year or a catalog from any of the three years immediately prior to graduation, provided the student was enrolled during the year selected. Students must also have met their financial obligations to Labette Community College, including their graduation fees, and have taken the appropriate exit assessment.

Students who lack five credit hours or less at the end of the spring semester and plan to complete all course requirements by the end of the fall semester following graduation are eligible to apply for and participate in the graduation ceremony. To qualify, students must have a cumulative GPA of at least 2.0 according to grades posted prior to March 1st. If the student wishes to wait a year and participate in graduation the following spring, after courses are complete, he or she must notify the Student Affairs Office prior to March 1st to be removed from the graduation list. Graduation fees will be refunded if notification is received prior to March 1st.

Graduation with honors shall be determined by the following grade point averages as calculated the semester prior to graduation.

Summa Cum Laude	4.0
Magna Cum Laude	3.75-3.99
Cum Laude	3.50-3.74

Honor students will be identified in the graduation program and may wear a gold cord during the ceremony.

High School Students

A high school student who has attained sophomore standing (successfully completed freshman year) may enroll in college courses with permission from his or her high school principal. The student must submit an enrollment form to the Admissions

Office with the “Unified School District Authorization” section completed and signed by the principal.

A student who has been designated as “gifted” may enroll only upon submission of a completed and current (dates must cover period of enrollment) Individualized Education Plan (IEP) and that IEP must include a list of the college courses that are recommended as part of his or her plan. The IEP must be submitted to the Admissions Office at the time of enrollment.

Holds

Enrollments, official, and unofficial transcripts and related information will be withheld if any financial obligations to the College have not been paid, materials and/or equipment have not been returned, or if the student has yet to take the exit assessment.

Home Schooled and Correspondence Students

Home schooled and correspondence students are eligible to enroll as a regular student after presenting proof of graduation in compliance with Kansas Law. However, additional requirements must be met to be eligible for federal aid. (See “Financial Aid Information” section.)

Honor Roll

Students who enroll in and complete a minimum of 12 credit hours in a semester with a grade point average of at least 4.0 will be included on the President’s Honor Roll. Students who are enrolled in at least 12 credit hours and have a grade point average of at least 3.5 with no grades below a “C” will be eligible for the Dean’s Honor Roll. Part-time students who have been enrolled in at least 6 credit hours but fewer than 12 credit hours each semester and have completed 24 total credit hours are also eligible for the respective honor roll.

Incomplete Coursework

An incomplete grade may be given when course requirements have not been completed due to illness or other conditions usually beyond the control of the student. A student receiving an incomplete must consult with the instructor to complete a contract outlining requirements to finish the course, including a date by which the coursework must be completed.

Failure to complete the contract will automatically result in an “F” grade. Students cannot withdraw from a course involving an incomplete contract. Because incompletes may also affect a student’s financial aid, students should contact the Financial Aid Office.

International Students:

1. **Complete the enrollment/application form.**
 - a. A non-refundable \$100 application fee is required. Submit the Application for admission preferably at least three months before the start of the semester in which you wish to enroll (unless you are transferring from another institution with the USA).

2. **Submit official copies of High School/Secondary School, and/or University academic transcripts with an English translation of the grades and grading scale.**
 - a. Translations may be accepted from the following organizations: Educational Perspective, World Educational Services, or an equivalent translation company. If you attended a high school in the United States, you'll need to request that the High School **mail** an Official copy of your transcript to Labette Community College.
3. **English Proficiency Requirements:** Submit evidence of English language proficiency. Students must meet **one** of the following criteria to demonstrate proficiency:
 - a. Minimal TOEFL test scores:
Internet Based (iBT) = 65, paper-based (PBT) = 513, Computer Based (CBT) = 183.
 - b. IELTS (International English Language Testing System) score of 5.5 or higher.
 - c. Have attended and graduated from an American High School within the United States and have maintained a minimum 2.0 CGPA (cumulative grade point average). You'll need to request that the High School **mail** an Official copy of your transcript to Labette Community College.
4. **Complete the Statement of Financial Information and Certification of Support** forms and submit them with a certified bank statement proving financial ability to attend Labette Community College.
5. **Submit proof of International health insurance.**
 1. If you do not have health insurance you will need to purchase and provide evidence of new coverage on or before arrival at Labette Community College. For information regarding insurance companies that have proven to be reliable for previous students, please contact the International Student Advisor in the Admissions Office.

Transfer Students (those who have previously attended another US college)

1. Complete steps 1-5 above.
2. Complete the Transfer Eligibility Form and return to Labette Community College.

I-20 Information:

The I-20 is a Certificate of Eligibility for Non-immigrant Student Status for those who wish to study in the U.S. The I-20 form must be taken to the American Embassy or Consulate when you apply for a Visa. More info can be found at http://www.ice.gov/SEVIS/becoming_nonimmigrant_student_52007.htm

College Success Skills

All first-time, full-time day students with fewer than 15 credit hours after high school graduation are required to enroll in the College Success Skills course during their first semester. This course introduces students to Labette Community College and provides various tips for students to succeed.

Pass/Fail Grade Process

Some students may wish to take certain courses for a pass/fail grade rather than a letter grade. If a student wishes to receive a pass/fail grade, he or she must make this request during the first three weeks of the course. The request should be completed on the Request for Pass/Fail Grade form by the student and given to the instructor. It must be approved by the instructor and the Vice President of Academic Affairs. Once processed, the request cannot be reversed. The white copy of the approved request is to be attached to the grade sheet at the end of the term (the canary copy will be sent to the student).

Note: Students are cautioned to check with their adviser about the transferability of pass/fail courses prior to initiating requests for pass/fail grades. The courses are added to a student's credit hour total, but are not included in the grade point average. Pass/fail status may affect transfer as well.

Placement Testing

The purpose of placement testing is to enhance student success in college. Placement test scores are used to place students in the most appropriate level for success. All students with less than 12 academic credit hours must take the English, math, and reading placement tests or have proof of acceptable ACT scores.

If a student has taken college math, college English or 12 academic credit hours with a grade of C or better, prior to enrolling at LCC, he or she must provide an official college transcript or college grade report of previous courses. Placement in appropriate courses will be determined during the enrollment process.

College students who apply for Pell Grants and who will be taking Writing Essentials or Writing for Academic Success, Reading Essentials or Reading for Academic Success, Foundations of Math, Beginning Algebra, or any other developmental course must have taken the appropriate placement test in order to qualify for the grant funds.

Students may arrange to take a placement test by calling the LCC Student Success Center at (620) 421-6700, extension 1182, 1142, or 1153.

Placement Testing for English Courses

Score	Placement in
COMPASS writing score of 0-51 OR ACT writing score of 0-13	Writing Essentials
COMPASS writing score of 52-69 OR ACT writing score of 14-17	Writing for Academic Success
COMPASS writing score of 70 or higher OR ACT writing score of 18 and above	English Composition I

1. Students who have taken the COMPASS Writing test twice and score between 49 and 51 can write an essay to try to get into Writing for Academic Success.
2. Students who have taken the COMPASS Writing test twice and score between 67 and 69 can write an essay to try to get into English Composition I.
3. Students can only go up one level by writing the essay.

Procedure for writing the essay:

- A. The essay will be written in the Student Success Center (SSC).
- B. The students will be given a list of topics chosen by the English faculty.
- C. The student will fill out a form listing his or her name, ID number, address, and phone number.
- D. The student will receive written instructions for writing the essay, paper, and pen.
- E. Once it is completed, the essay and form will be sent to the English Department. At least two people will read the essay and decide, independently, whether or not the student should be admitted into the higher course. If there is a disagreement, a third faculty member will read the essay to make the determination.
- F. Once the decision has been made, the essay and decision are returned to the Student Success Center.
- G. One of the SSC staff, usually the English Specialist, will contact the student regarding which course to enroll in. The English Specialist will also inform Admissions of the determination.
- H. The grading of the essay usually takes no more than 24 to 48 hours, so the student will be able to enroll in a timely manner.

Placement Testing for Mathematics Courses

A student is placed into a math course by using one of three methods: ACT scores, COMPASS placement test scores, or passing the prerequisite course(s).

There is no placement in math for ACT scores of less than 20. Students with less than 20 in mathematics on the ACT will be required to take the COMPASS test. The following tables illustrate the cut off points for placing into math courses at LCC.

Placement for First Time Enrollees - ACT Placement

ACT Math Score	Supporting High School Course & Grade	Placement Recommendation
1-13	N/A	Foundations of Math
14-16	N/A	Beginning Algebra <i>or</i> Applied Math
17-19	N/A	Intermediate Algebra
20 or Higher	N/A	College Algebra <i>or</i> Mathematics for Education
21-25	B in high school Pre-Calculus or Trigonometry OR C or better in high school Calculus	Elementary Statistics, Trigonometry, Business Calculus, <i>or</i> Intro to Analytical Processes
26 or Higher	A in high school Pre-Calculus or	Calculus I

	Trigonometry OR B or better in high school Calculus	
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The COMPASS math test is made up of several subtests. Students start on the algebra tests. If they answer a series of questions correctly, they will be moved up to the college algebra test. Not all students will take all the tests; it depends on how well they answer the questions.

COMPASS Results - Math Placement

Placement Subtest	Score Range	Placement Recommendation
Pre-Algebra	0-33	Foundations of Math
	34-100	Beginning Algebra <i>or</i> Applied Math
Algebra	34-56	Intermediate Algebra
	57-100	College Algebra <i>or</i> Mathematics for Education
College Algebra	0-43	College Algebra <i>or</i> Mathematics for Education
	44-100	College Algebra Mathematics for Education Elementary Statistics Trigonometry Business Calculus <i>or</i> Intro to Analytical Processes
Trigonometry	0-43	College Algebra Mathematics for Education Elementary Statistics Trigonometry Business Calculus <i>or</i> Intro to Analytical Processes
	44-100	All of the above and Calculus I

The COMPASS test can only be taken twice, after which there is an appeal process for the COMPASS placement. If a student is placed in Intermediate Algebra by the placement test, they may take the Intermediate Algebra final. If they pass the final, they will be allowed to enroll in College Algebra. Students can only take the final for the course in which they were placed by COMPASS to move to the next course in the sequence. The sequence of courses is as follows:

- Foundations of Math
- Beginning Algebra or Applied Mathematics
- Intermediate Algebra
- Mathematics for Education
- College Algebra
- Trigonometry/Elementary Statistics/Business Calculus
- Calculus I

- Calculus II
- Calculus III
- Differential Equations

Trigonometry, Elementary Statistics, and Business Calculus all carry a prerequisite of College Algebra and are considered roughly equal in terms of placement level.

Placement Testing for Reading

All students must take a reading placement test unless they have completed at least 12 credit hours of college level academic courses with a grade of C or better. Students must provide an official transcript to be exempt from the reading placement test.

During the summer sessions, students enrolled at other colleges will be allowed to enroll in any course without being required to take the reading placement exam. Students must provide transcripts at the time of enrollment. English and math courses will still require placement testing or appropriate ACT scores. Students enrolled for one credit hour or less as well as Community Services and Workforce Education courses are exempt from the above procedure.

Placement Requirements

Score	Placement in
ACT reading score of 12 or below OR COMPASS reading score of 0-54	Reading Essentials required
ACT reading score of 13-16 OR COMPASS reading score of 55-74	Reading for Academic Success required
ACT reading score of 17 or higher OR COMPASS reading score of 75 or higher	No Basic Reading Course Required

Placement Testing Appeal Process (COMPASS Test)

As a first appeal, students have the opportunity to retake the placement test. The second and final appeal of placement requirements will be handled through the Associate Dean of General Education. Placement based on either test scores or appeal is mandatory.

Repeating Courses

The grade earned in a course that is repeated will replace the grade and credit previously earned but GPA will not be recalculated until a degree check is processed. Both course completions will remain on all transcripts. (See also Academic Forgiveness)

Residency

For purposes of charging tuition, the College is required by law to determine the residency of each prospective student.

Residence means a person's place of habitation to which, whenever the student is absent, he or she has the intention of returning. Among significant factors which may be considered, but not any one of which to be necessarily considered conclusive without support of convincing evidence, in determining intent to become a resident are the payment of property taxes, purchase of license tags or driver's license, location of employment, and registration for voting purposes. Such factors must be in existence at least six months prior to enrollment or re-enrollment while the parent or student is living in the district. In the case of a student under 18 years of age, the parents or court-appointed guardians must meet the residence requirements.

At the beginning of each semester, the Registrar's Office shall determine the residency status for tuition purposes of each student who enrolls. Students who have not resided in Kansas for six months prior to the first day of classes are determined to be nonresident students and are charged the out-of-state tuition rates. It is the student's responsibility to enroll under the proper residence classification. If a student enrolls as a Kansas resident and is later determined by the Registrar to be a non-Kansas resident, the student will be charged as a nonresident and payment will be required for all semesters the student was enrolled incorrectly. However, if a student that is classified as a nonresident upon enrollment disagrees with that classification, the student has 30 days from the first day of classes to appeal the classification.

All appeals must be made in writing to the Registrar's Office. If a student does not exercise the right to appeal within the time allotted, the classification or reclassification becomes final. All decisions, charges, and refunds will be in accordance with the state law and KBOR guidelines.

High school students determined to be out-of-state residents enrolled in college courses at the high school during the school day according to the state guidelines governing community colleges will be assessed the in-state tuition rate while enrolled in concurrent courses. The same student will be charged the out-of-state rate for any nonconcurrent courses in which he or she is enrolled before high school graduation unless the residence status legally changes. For additional information, please contact the Registrar.

Satisfactory Academic Progress

During each semester, notices of unsatisfactory work may be sent to the student. The notice may indicate unsatisfactory work or may show a failing grade. However, it is the student's responsibility to check regularly with instructors to be aware of their grade standing. The student is not guaranteed a passing grade at the end of the semester.

Transcripts

Transcripts will be provided at a cost of \$5.00.

Official records will not be released until the Registrar/Student Affairs Office has received a Transcript Request Form signed by the student or receives a written

request which includes the student's name, address, social security number or student ID number, birth date, signature, dates of attendance, and where the record is to be sent. Records picked up in Student Affairs will not be released unless the individual presents a picture ID.

Transcripts and grade reports will be withheld if any financial obligations to the College have not been paid or if material and/or equipment have not been returned to the College. They will also be withheld if exit assessments have not been taken.

Students can print unofficial transcripts through the Red Zone.

Who Is Eligible To Enroll

Any individual who has graduated from an accredited high school or received a General Education Development (GED) may attend LCC as a regular student.

Students must provide proof of high school graduation or GED completion.

Individuals 18 years of age and older who do not meet any of the above criteria may attend as a special student on probation until at least 30 credit hours with a GPA of 2.0 or better have been completed. Permission to enroll as a special student is granted by the Vice President of Academic Affairs. All students must be at least 15 years old.

College Services & Facilities



The College Services & Facilities section defines services that are available to Labette Community College students and provides a brief description of the buildings used by LCC.

College facilities may be used for student activities as well as community activities. All facilities are scheduled through the Academic Affairs Office located on the second floor of the Main Building. More detailed procedures are available in the current LCC Student Handbook. Copies of the LCC Student Handbook are kept in the Student Affairs Office and the Library www.labette.edu/library. A handicapped entrance and elevator are available at the northwest entrance of the Main Building. The services and facilities are listed alphabetically in the paragraphs that follow.

Accommodation Services

Special needs services such as assistance for students with disabilities for any student in need of assistance must report to the Payroll Accountant located in the Business Office of the Student Union Building.

Students with Disabilities

Labette Community College provides reasonable accommodations for students with disabilities. Students who need special accommodation because of physical or learning disabilities should contact the Payroll Accountant at least 30 days before the first class meeting (620-421-6700, extension 1230). Some accommodations may require more advance notice. Services to students with documented disabilities include, but are not limited to:

Note Taker	Oral Testing
Taped Texts	Scribes
Test Preparation Assistance	Career Testing
Print Magnifier	Alternate Lighting
Sign Language Interpreters	Diagnostic Testing
Extended Test Time	

Admissions

The Director of Admissions and an Adviser/Recruiter are available on the second floor of the Student Union to assist students who are new enrollees and for others who have not declared a concentration. These individuals will assist in the selection of a

degree objective, selection of courses, and Add/Drop Forms. For information, call (620) 421-6700, extension 1228 or 1225.

Faculty advisers are available for those students who have made a career choice. These students should contact the Admissions Office to be assigned to the person best suited to direct them toward their chosen goal. The adviser or the Associate Dean must approve and sign each enrollment of the student.

Bookstore

The College Bookstore is located on the first floor of the Student Union. It stocks all required instructional books for scheduled courses at LCC. It also carries all types of shirts, t-shirts, sweatshirts, school supplies, and a great candy selection. The College Bookstore can be contacted by calling (620) 421-6700, extension 1165 or 1166. Normal business hours are 8 am to 4:30 pm with expanded hours at the beginning of each semester.

Business Office

The Business Office is located on the second floor of the Student Union. Students may pay their bills or make inquiries about a bill in the Business Office. The Business Office can be contacted by calling (620) 421-6700, extension 1231.

Ed Hendershot Gallery

The Ed Hendershot Gallery is a modern climate-controlled exhibition space measuring 15 feet by 54 feet located on the second floor of the LCC Main Building. It is a multifunctional area that can accommodate a wide range of events. Its primary purpose is to serve Labette Community College students and residents of Southeast Kansas by providing a place for activities that promote personal enrichment and lifelong learning. Ideally, these cultural, intellectual, and social activities will enhance the quality of community life.

Financial Aid

Please see Financial Information section of this catalog.

Fine Arts Building

Located at Heacock and Main, the Fine Arts Building houses the Art and Traditional Music Departments. The building includes a ceramics lab, studio space, classrooms, performance space, a piano lab, a music theory computer lab, and faculty offices.

Graphic Design Building

The Graphic Design Building, located at 1229 Broadway, houses a state-of-the-art Graphic Design Program.

Health Sciences Building

The Health Sciences Building is located south of the Student Union. The building houses classrooms and office space for Nursing, Radiography, and Respiratory Care Programs. Other department offices and general education classrooms are also housed in this facility. An elevator is located just inside the handicapped accessible entrance on the east side.

Library



The Library, located on the first floor of the Main Building, is open to all students and the community, and provides an excellent place to study and to research with a collection of approximately 27,500 volumes and 76 current periodicals supporting the courses and programs of the College. Technology continues to enhance the services provided. Currently, the Library offers six online periodical databases, increasing the periodical titles to between 250 and 300, with full text and page image capabilities. An automated interlibrary loan program, web-based card catalog, email reference assistance, as well as many other web-based sources are also available. Many of the resources may be accessed from the Library Website, <http://labette.edu/library>. The Library also provides access to additional databases through the use of the Kansas Library Card and the state's virtual reference service, KANAnswer. The Library is staffed by qualified personnel that are eager to help with tours, to give library instruction, or to answer questions. The Library is open during the fall and spring semesters Monday through Thursday from 8 am to 8:30 pm and Friday from 8 am to 4:30 pm. During the summer semesters the hours are 7 am to 7 pm on Monday and Tuesday, 7 am to 4:30 pm on Wednesday and Thursday, and closed on Friday. The Library is currently closed on Saturday, Sunday, and holidays.

Main Building

The three-story Main Building provides space for many classrooms and programs. The first floor houses the biological science, communications, and English departments, as well as the Library. In addition to classrooms, the second floor houses administrative offices, the Print Shop, Thiebaud Theatre, and the Ed Hendershot Gallery.

Business and computer sciences departments, as well as computer labs and the Computer Services Office, are located on the third floor. An elevator is available by the handicapped accessible entrance located on the northwest side of the building.

Main Building Annex

Connected to the northeast corner of the Main Building, the Annex houses chemistry, physics, mathematics offices, classrooms and laboratories. A handicapped accessible door is located at the east entrance.

Multipurpose Building (Gymnasium)

The Multipurpose Building (Gym) houses the Athletic Department and offices. The building includes facilities for basketball, wrestling, volleyball, intramural sports, baseball and softball hitting and pitching, physical education activity, and athletic training courses. The facility is also used for other activities that require a large indoor space or a large amount of seating.

Parking

Several free parking lots are provided on the main campus. There is also curb parking around the campus. Students are expected to park properly and to respect parking signs, other vehicles, and pedestrians at all times. Improper parking may result in a fine from the College or city police. Any fines imposed by the College are to be paid in the Business Office.

Recording Arts Technology Building

The Recording Arts Technology, located at 1225 Broadway, houses a 32-track digital recording studio. It also provides three independent isolation recording rooms and a computer lab for Program students.

Scholarships

Please see Financial Information section of this catalog.

Student Health Services/Health Insurance

Each student is responsible for his or her own health insurance. The College neither endorses nor participates in such programs for the general student population, nor does the College provide a student health service. Student health insurance information and applications are available in the Student Affairs Office.

Student Success Center

The Student Success Center provides services that assist students to succeed academically and houses two grant programs: Adult Basic Education/GED and Title IV Student Support Services (Student Support Services). It is the site of placement testing and developmental courses. In addition, a computer lab is open for classes and student use. The Student Success Center provides peer tutoring. Most of these services are available through the following programs:

Adult Basic Education

Provides basic skills instruction, GED instruction and testing, English as a Second Language, and literacy testing.

Student Support Services

A federally funded TRIO (Student Support Services) program that provides intensive, highly individualized support services to first generation, low-moderate income, and/or disabled students. Services include academic advising, professional and peer tutoring, workshops, cultural activities, campus visits, and more.

Student Success Center Lab

Computers are available for student use in the Student Success Center Lab. Computerized assistance in writing, reading, and mathematics is available on these computers.

Student Union

The Student Union is the central location where student can enroll, apply for financial aid, pay for tuition and fees, purchase their textbooks, get a home-cooked meal, then relax in the student lounge without leaving the building.

Primary offices and services located in the Student Union are: Student Government, Student Life Coordinator, Cardinal Café, College Bookstore, Admissions, Business Office, Financial Aid, Student Affairs, Human Resources, Accommodation Services, and Facilities/Auxiliary Services.

An elevator is available for access to the second floor and there are two handicapped accessible entrances located at the northwest and southeast sides of the building.

Talent Search

The Talent Search Program is designed to assist potential first generation college students. Although this is the primary criteria, students can be accepted based on other criteria, such as family financial status, children who have been placed in foster care, and children awarded to the court, just to name a few.

Through early intervention and with the services provided, the LCC Talent Search-PREP program encourages students to remain in school and then to pursue postsecondary opportunities in college and vocational or technical schools. Talent Search-PREP provides services to students in middle school, high school, and adults who desire to re-enter school at no charge. Contact the LCC office at 620-421-6700, extension 1034 for further information.

Thiebaud Theatre

Located in the Main Building, the 200-seat modern theatre with its thrust stage is used for cultural events such as plays, music recitals, and concerts. When not being used for these events, it is used as a lecture hall for courses and as a meeting place for organizations, seminars, and workshops. An elevator and handicapped accessible entrance are available on the northwest side of the Main Building.

Workforce Education and Community Services

Courses for workforce development, continuing education, personal improvement, recreation, cultural and community enrichment are brought to the community through the Workforce Education and Community Services Department. These courses provide opportunities to increase personal proficiency in particular skills or professions and for personal enrichment through planned cultural and recreational studies.

Instructors are leading professionals, experienced community members, college faculty members and other educators who bring to the community exciting learning opportunities, regardless of the student's age or previous educational experience.

Workforce Education courses target the needs of business and industry in Labette and Cherokee counties. In many instances, LCC can work with individual businesses to

design customized education and training solutions for their workforce needs. Workforce Education also provides courses and workshops accessible to many employees of community businesses seeking to improve job-related skills and improve their own opportunities for advancement and success.

The Workforce Education Department also offers Certified Nurse Aide, Certified Medication Aide, Home Health Aide and other Allied Health occupational certifications.

Community Service courses are designed to enrich the lives of everyone in our community. The courses range from computer to travel seminar. The courses are developed to fit the needs and interests of the community.

Since the Workforce Education and Community Service courses are developed throughout each semester, current courses can be accessed on the LCC website or by calling the department directly at (620) 820-1278.

Financial Information



Financial Aid

Financial aid programs are available for eligible students attending Labette Community College. Students must complete the Free Application for Federal Student Aid (FAFSA) for all federal and most institutional scholarships.

Students must have a high school diploma or a GED to be eligible for all federal programs. Students who have graduated with a correspondence diploma or from a home schooling program should complete and pass the GED examination. Students who have graduated with a correspondence diploma must have written documentation that the diploma is recognized as a high school diploma by the state in which the correspondence school is located or follow the testing procedure above.

Types of Federal Financial Aid Available at LCC

Federal Pell Grants

A Federal Pell Grant is a need-based grant awarded to eligible students who have not yet earned a bachelor's degree.

Academic Competitiveness Grant

A grant available to Pell Grant eligible students who completed a "recognized state rigorous secondary-school program of study" and maintain a 3.0 GPA or better college GPA.

Federal Supplemental Educational Opportunity Grant (FSEOG)

A grant that is available for Pell Grant eligible students who demonstrate exceptional need. FSEOG recipients are determined by the financial aid office according to their need.

Federal Work-Study

The Federal Work-Study Program provides the opportunity for part-time employment for Pell Grant eligible students. LCC also offers institutional work-study opportunities for students without financial need.

Federal Stafford Loan

Federal Stafford Loans are available to eligible students. These loans are made through lenders chosen by students and must be repaid.

Federal PLUS Loan

Federal PLUS Loans are available for parents to help pay for their child's education. These loans are also made through lenders chosen by the parents and must be repaid.

Institutional Scholarships

Students are encouraged to apply early for all scholarships. Applications are available in Student Affairs and on our website. Preference will be given to applications received prior to April 1st. Grade point average (GPA) and the number of hours enrolled are considerations but not always deciding factors. Scholarship awards are subject to availability of funds.

Academic Scholarships:

Who may apply: High school seniors may apply for an academic scholarship to be used for the first academic year following high school graduation, with renewal pending performance & availability of funds.

	<u>GPA (7 semesters)</u>	<u>Amount (up to 16 credit hours)</u>
Presidential Award	3.75 - 4.00	Tuition/plus \$200 books/semester
VP Award	3.50 - 3.74	Tuition/plus \$100 books/semester
Merit Award	3.00 - 3.49	Tuition plus \$50 books/semester

Student must be enrolled in 12 or more credit hours by June 15 prior to fall semester and December 15 for spring semester to validate acceptance. Allied Health students should check with their appropriate director. Students who withdraw to less than 12 credit hours will be ineligible the next renewal period.

Reapplication (scholarships **may** be renewed as long as funds are available):

1. Must submit application by April 1 of Freshman year.
2. Must be enrolled in 15 hours for fall semester of Sophomore year by June 15.
3. Must maintain required grade point average (cumulative).

Jumpstart Concurrent/Dual Credit Enrollment Assistance

High school students who are eligible to enroll may receive assistance w/properly completed Student Financial Assistance/Scholarship Application. *Attendance must be approved by a high school official. Fees and books are not covered by LCC.*

1. Students attending Labette County high schools are eligible to receive full tuition up to 16 hours/semester if they meet the required 2.0 GPA.
2. Cherokee County and Crawford County high school students will receive up to 16 hours of paid tuition/semester, if they meet the required 2.5 GPA.
3. Students attending high schools in other Kansas counties may receive assistance/scholarship of half tuition for up to 6 hours per semester w/GPA of 2.5 or above, including online courses.

Activity Assistance

Assistance is awarded per semester or academic year for performance (i.e., baseball, graphic design, wrestling, commercial music, cheerleading, softball, music,

volleyball, dance team, basketball, leadership, fine arts, etc.). Criteria & length of scholarship are established by the coaches &/or instructors of each activity.

Foundation Scholarships *

Many Foundation scholarships from private and corporate donors are available and awarded according to applicant qualifications and funding availability. Early application is encouraged.

GED Scholarships *

Students receiving their GED through the Adult Basic Education program offered by the Student Success Center at Labette Community College are eligible for the GED Scholarship. The students will receive up to 12 credit hours of paid tuition if they enroll within 6 months of successfully completing their GED, funds permitting.

General Assistance *

Students must meet the following characteristics to be considered for aid, if funds are available: enrolled and have at least an LCC grade point average of 2.0 and demonstrate financial need via FAFSA application. **(Full-Time, Part-Time, & Nontraditional Students)**

International Assistance

Awarded to international students (funds permitting) who have and maintain a cumulative LCC GPA of 3.0. The scholarship shall not exceed the in-state rate of tuition for 16 hours per semester.

Labette County Assistance *

Labette County residents who have an accredited high school diploma or GED are eligible to receive full tuition up to 16 credit hours per semester at LCC, regardless of past LCC academic performance. Reapplication and 2.0 cumulative GPA are necessary for renewal. Some exceptions do apply.

Transfer Assistance *

A transfer student: (1) must submit official transcripts from all schools previously attended; (2) has completed a minimum of 12 hours at one other institution of higher education with cumulative 2.5 GPA. Tuition assistance up to 16 credit hours/semester. Renewable if GPA exceeds 2.0 & if funds are available.

*Must complete the FAFSA to be eligible for these scholarships

Tuition & Fees

Tuition and fees are subject to change by action of the LCC Board of Trustees. The following fees reflect the 2008-2009 academic year. At the time of printing, the amounts listed in this catalog are correct, but are subject to change. The most current charges will be listed on the College Website at www.labette.edu.

(Per Credit Hour) (subject to change)

Kansas Residents	\$44.00 Tuition
Plus	<u>\$31.00</u> Incidental Fees

	\$75.00 per credit hour
Arkansas, Missouri, & Oklahoma Residents Plus	\$65.00 Tuition <u>\$31.00</u> Incidental Fees* \$96.00 per credit hour
Other Non-Kansas Residents Plus	\$69.00 Tuition <u>\$31.00</u> Incidental Fees* \$100.00 per credit hour
Audits** Plus	\$88.00 Tuition <u>\$31.00</u> Incidental Fees* \$119.00 per credit hour

*Fees: The \$31.00 incidental fee includes the operational cost of the Student Government Association and the Campus Activities Board, admission to all student activities, student life office, student scholarships, athletic events and Student Union maintenance, equipment and utilities.

**Audits: Receive no credit or class participation.

To set up installment payments go to the LCC Website (<http://www.labette.edu/>) and **click on Payments Online** or contact the Business Office at (620) 421-6700 ext. 1231.

Tuition and fees are waived for Labette County Senior Citizen residents (60 years of age and over) enrolling in credit courses; however, the Senior Citizen will be responsible for any material fees and any required textbooks for the credit course.

Other Costs - (subject to change)

Application for Nontraditional Credit	\$45.00
CLEP Testing	\$70.00
GED Testing	\$68.00
Graduation	\$25.00
Insufficient or non-fund check charge	\$30.00
Transcripts	\$ 5.00

^ = Amount depends upon courses enrolled

Per Course Fees:

Adult Care Home Operator	\$25.00
Art	\$15.00 - \$35.00
Biology - 5 credit hour with lab	\$45.00
Chemistry - 5 credit hour with lab	\$75.00
Basic Chemistry (no lab)	\$50.00
English Composition I	\$ 8.00
Graphic Design	\$20.00
Math, Foundations of	\$15.00
Multimedia Courses	\$20.00
Noncredit Personal Enrichment	Varies
Nursing	\$25.00**
Nursing (IV Therapy only)	\$30.00**

Nursing (1 st year) ATI exam fees ^	\$77.00 - \$225.00**
Nursing (2 nd year) ATI exam fees ^	\$77.00 - \$200.00**
Photography	\$15.00
Physical Science with Lab	\$35.00
Physics with Lab	\$25.00
Private Music Lessons (1/2 hour per week)	\$75.00
Radiography Labs	\$15.00**
Reading Essentials & Reading for Academic Success	\$0.00
Recording Arts Technical	\$20.00
Respiratory Lab	\$15.00**
Respiratory Clinical	\$15.00**
Statistics	\$10.00
Student Success Skills	\$10.00
Writing Essentials & Writing for Academic Success	\$15.00

Other Per Credit Hour Fees

Allied Health Courses	\$10.00
Cherokee Center	\$ 5.00
Computer Courses	\$10.00
Office Technology Courses	\$10.00
Online Courses	\$25.00
Video Courses	\$25.00

* = Other courses may have mandatory fees attached to cover cost of consumable supplies.

= *At the time of the printing, the amounts listed above were correct, but are subject to change. The most current charges are normally listed on the College website: [/www.labette.edu](http://www.labette.edu)*

**This fee is in addition to the \$10.00 credit hour fee for allied health courses.

Tuition & Fees Refund

Fall and Spring Regular Semester Day/Evening/Extension Courses:

- Full Refund – Drops during the first two weeks of the semester.

Summer Courses:

- Full Refund – Drops during first two class days.

- = Mini session refund dates may differ

Note: Students will have official and unofficial transcripts withheld if any financial obligations have not been paid or if materials and/or equipment have not been returned to the College (see Holds).

Title IV Refund & Repayment

LCC Return to Title IV Funds Policy for Students Receiving Federal Financial Aid According to PL 105-244, Sec.484B, 64FR59016, this federal policy governs students who receive Federal Title IV Funds and withdraw from ALL courses at Labette Community College (LCC). {If the student withdraws within the full refund period as noted on the current academic calendar there is no charge for tuition and fees. If federal financial aid was awarded it will be canceled and returned to the necessary programs.} This policy also governs withdrawals from students who receive their

federal financial aid from LCC and are enrolled in study abroad or through any consortium agreement whereby LCC acts as the home institution for financial aid purposes. This regulation also applies to a student who withdrew and whose parent borrowed a PLUS Loan.

Students at LCC who are Title IV recipients {See 668.22(2)[4]} are all students who have established eligibility for such funds, but may not have received these funds prior to total withdrawal. There are six basic steps to the formula for calculating the amount of financial aid funds that must be returned to the Title IV programs.

1. Determine the date of the student's withdrawal and the percentage of payment period (semester) attended by the student. (Students begin the *official* withdrawal process in the Registrar's Office.)
2. Calculate the amount of Title IV financial aid earned by the student. The amount of Title IV financial aid that a student earns is determined by multiplying the percentage of the payment period completed by the total amount of Title IV aid disbursed or that could have been disbursed. The percentage completed is determined by dividing the days attended in the semester by the total number of days in the semester: $\text{Day attended in the Semester} / \text{Total Calendar Days in the Semester} = \% \text{ Completed} * = \text{Minus breaks of 5 days or longer.}$
 - a. If the percentage completed exceeds 60%, regulations state that 100% is used as the earned percentage.
 - b. If the percentage completed is 60% or less, regulations state that the percentage earned is the same percentage as the percentage completed.
3. Compare the amount of financial aid earned and amount already disbursed to the student to determine the amount of financial aid that is unearned. (Subtracting earned aid from aid already disbursed does this.)
4. If the amount earned is greater than the amount disbursed, the student is entitled to a late disbursement of Title IV funds. (Students will be notified if a late disbursement can be made.) An example would be if the student's Subsidized Loan had been guaranteed but the lender had not disbursed the funds to the College.
5. If the amount earned is less than the amount disbursed, Title IV financial aid must be returned. Once this is determined, LCC's share is calculated first, and is the lesser of:
 - a. Total unearned financial aid; or
 - b. The figure derived by multiplying institutional charges by the percentage of financial aid that is unearned. (The unearned percentage is the complement of the earned percentage. For example, if the earned percentage is 20%, the unearned percentage is 80%.) If the amount of unearned financial aid is greater than the amount of the College's earned charges, the student must return the difference.
6. Labette Community College has 30 days to return its share of unearned financial aid. If a student is required to return unearned aid, repayment must be made within 45 days. The return of funds is initiated in the following order (Federal Workstudy is always excluded in the formula):
 - a. Unsubsidized Federal Stafford Loan

- b. Subsidized Federal Stafford Loan
- c. Federal PLUS Loan
- d. Federal Pell Grant
- e. Federal SEOG
- f. Any other Title IV grant or loan assistance

The College's portion of unearned financial aid is applied first, and then the student's portion is applied to the programs not satisfied by the College's share. Any portion of the student's share that is allocated to a grant program is automatically reduced by 50% per federal regulations. (Funds repaid by students to the grant programs must be repaid to the federal government within the 45-day requirement or the student will lose all Title IV financial aid eligibility.) Additionally, any portion of the student's share that is allocated to a loan program is repaid under the terms and conditions of the specific loan program.

Refund Policy for ALL LCC Students

A student permitted to withdraw from a course or courses in an academic session in which he or she is enrolled may be allowed a refund of the tuition and the fee charge for that course or courses. In the event some or all of the tuition and fees were paid by some source(s) other than the student, including but not limited to scholarships, grants, and Federal Title IV Funds, the first refund amounts will be made payable to those sources. If the student has any unpaid account with the College any refund due from withdrawal may be applied to such an account. Any amount paid to the College that exceeds tuition and fees paid by these other sources, and any amounts due to the College, shall then be paid to the student. For students who completely withdraw from classes and have received Federal Title IV funds, please refer to the Federal Return to Title IV Funds policy available in the Financial Aid Office or on the web at www.labette.edu/

The first class day constitutes the beginning of the semester for tuition refunds. For courses that are scheduled out of sequence of the regular fall and spring sessions, including summer, the student should refer to the Academic Calendar published in the schedule of classes, or on the web at www.labette.edu/calendar/academic/academic.htm; otherwise check your course syllabus or the Office of the Registrar. Institutional refunds for all students who withdraw or reduce the number of hours enrolled are calculated according to the dates in the Academic Calendar, as posted on the web. These refund schedules apply to each course from which a student withdraws. Withdrawal from a course and enrollment in another course are treated as two separate transactions, unless they are requested simultaneously. For the regular fall and spring semesters, 100% refund period is the first five class days of the semester; 50% refund period is during the second five class days; no refund is available beyond the tenth class day of the semester.

For students receiving federal funds, disbursement periods and amount are set after refund deadlines and the FAO makes the respective adjustments to their enrollment status. It is the responsibility of the student to inform the FAO of any such revision in status. Enrollment status changes for students who have not received federal funds

during an institutional refund period will allow for refunds in the following priority order:

- (1) LCC Scholarships
- (2) To the student

Procedures for Withdrawing from Courses

To officially withdraw from courses, LCC students must withdraw through the Registrar's/Admissions Office (2nd floor of the Student Union Building). The student's official withdrawal date is determined by the day the withdrawal is processed in this office. *The sole responsibility for initiating and completing the withdrawal process rests with the student.* Failure to officially withdraw will result in the recording of all grades of F at the end of the semester/session. The Return to Title IV Funds policy will automatically be calculated at 50% or the midpoint of the semester/session for students who withdraw without giving notification, since LCC is not required to take attendance.

Refund Due to Serious Illness or Injury

If a student is unable to complete a semester or session due to serious illness or injury, the student must present acceptable official documentation signed by a licensed health care provider certifying the circumstances in adequate detail. Upon completion this documentation should be directed to the Registrar for review and determination of appropriate action. Based on an approved request, the student will be withdrawn from all courses and refunded the tuition and fees for the semester/session, provided that the student has personally and fully paid all other outstanding tuition and fees, and has no other outstanding College financial obligations. If the above student received Title IV federal financial aid, the current return to Title IV Funds policy must be applied.

Refund Due to Death of Student

If a student should die during a semester/session in which the student is duly enrolled, the student's estate will be refunded the tuition and fees based on the above stated policies. To initiate this process, the family may contact the Office of the Registrar.

Student Information



The Student Information section includes the rules, guidelines, and processes that allow the student and College to operate while assuring concern for the rights of others and their property. The topics in this section are listed alphabetically.

Administration of Student and Academic Codes

The Vice President of Student Affairs (VPSA) shall be primarily responsible for the administration of the student conduct system. The Student Life Coordinator (SLC) may work closely with the VPSA in resolving minor disciplinary problems resulting from the violation of regulations regarding student activities.

The Vice President of Academic Affairs (VPAA) shall be primarily responsible for the administration of the academic conduct system, in cooperation with the Associate Deans. On rare occasions there may be incidents that involve both student and academic conduct, at which time the Vice President's will consult and the more serious offense will have precedence. (The consultation is to include the necessity for having the President appoint an additional 'standby' appeals committee as a precaution to help ensure fairness of due process in this unusual situation.) For more information, please see the LCC Student Handbook.

Awareness of Policies

Each student is expected to be fully acquainted with all published College policies, copies of which are available to each student for review in the Student Life Office, Student Affairs Office, or in the LCC Library. The College will hold each student responsible for compliance with these published policies. Students are also expected to comply with all federal, state, and local laws, and any student who violates any provisions of those laws is subject to disciplinary action, notwithstanding any action taken by civil authorities because of the violation. This principle extends to conduct off campus that is likely to have an adverse effect on the College or the educational process. In the event of an infraction:

- A. The student(s) believed to have been involved will meet the respective Vice President of Academic Affairs to review the incident.
- B. Following a preliminary investigation, if sufficient evidence indicates that a violation of the Code has occurred, the Vice President of Academic Affairs will initiate the procedures for a hearing as indicated in Section 3 of the LCC Student Handbook.
- C. Should the student disagree with the findings, an appeal is allowed and is to be pursued within the respective procedures.

Code of Student Conduct

Labette Community College strives to create an academic community conducive to the proper functioning of the educational process and the development of each student. To create an atmosphere in which these goals can be pursued, the College maintains disciplinary rules and regulations that are spelled out in the LCC Student Handbook available in the Student Affairs Office. Students are expected to behave in a manner that is conducive to the mission of the College. Labette Community College reserves the right to impose disciplinary sanctions for behavioral misconduct that occurs either on campus or off campus.

This Code of Student Conduct is applicable to every student enrolled at the College, whether part-time or full-time and whether in residence, by extension, or otherwise and may at times apply to persons off campus when using College facilities or participating in LCC programs or activities, including off-campus trips and clinical sites. This Code is adopted pursuant to authority granted by the LCC Board of Trustees. (Please refer to the LCC Student Handbook for more information.)

Location of Records

Student records maintained by the Student Affairs Office include admissions applications, transcripts, enrollment forms, schedule change forms, and ACT & SAT scores. Financial Aid applications and records, including student earnings and disbursements, are on file in the Financial Aid Office.

Student placement test results are maintained in the Student Success Center.

Applications for admission to specific programs, test results, confidential references, and unofficial copies of transcripts are maintained in the Instructional Assistant's Office of the prospective department. (i.e. Nursing, Radiography, Respiratory Care, etc.).

A charge of \$1.00 per page will be assessed the student for reproduction of the records requested by the student official. Official Academic transcripts are \$5.00 per copy. Students can print an unofficial transcript using their student ID in Student Affairs.

Sexual Harassment

Sexual harassment is a form of sex discrimination that violates Title IX, Education Amendments of 1972 or Title VII of the 1064 Civil Rights Act. In its 1980 guidelines, the Equal Employment Opportunity Commission (EEOC) defines the rights and responsibilities of employers and employees in the workplace. Labette Community College prohibits sexual harassment by all employees and students in accordance with applicable Kansas and Federal laws.

The College is committed to maintaining an environment free of objectionable and disrespectful conduct and will not tolerate behavior of a sexual nature that interferes with an individual's performance or creates an intimidating, hostile, or offensive learning or working environment.

Alleged incidents of sexual harassment will be fully and promptly investigated, and appropriate disciplinary or other corrective action will be taken where the investigation indicates such harassment did occur. Students who feel they are being harassed by anyone connected to LCC should contact the Director of Human Resources at (620) 421-6700, extension 1234, or Vice President of Finance & Operations at extension 1231. Students may also contact the Vice President of Student Affairs at extension 1264.

Student Directory Information

Under Section 438 of the General Education Provision Act as amended, Part 99, Privacy Rights of Parents and Student, Subsection 99.37, educational institutions may disclose to the public personally identifiable information about students provided that it is classified as directory information.

The following is considered directory information:

Name	Degrees & awards received
Address	Dates of attendance
Current telephone status	Date of graduation
Current enrollment status	Date of birth
Athletic Program information	Place of birth
Concentration	Previous institution most recently attended

(Please see the LCC Student Handbook for the complete details regarding Student Directory Information.)

Student Grievance Procedure

A Labette Community College student may appeal any instance of misapplication of College policy, procedure, or practice that adversely affects him or her. Under this process the student may not appeal the following:

1. The receipt of a grade or academic sanctions (See Academic Misconduct or Appeal of Final Grade).
2. Established College policies or procedures.

The College Student Grievance Procedure provides the student due process in the resolution of nonacademic and nonconduct appeals. Where a specific College process is provided for resolution of a complaint, it must be used. The decision shall be final if the student fails to employ the steps and time periods of the Student Grievance Procedure as stated in the LCC Student Handbook.

Student Records

A student has the right to inspect and review any and all official records, files, and data directly related to that student. Students will be granted access to their personal College records within a period of 45 days after the request has been made. No records pertaining to the student shall be removed from the office where the records are maintained.

Students shall have an opportunity for a hearing to challenge the content of the student's College records to ensure that the records are not inaccurate, misleading, or

otherwise in violation of the privacy act or other rights of the student and to provide an opportunity for the correction or deletion of any inaccurate data contained therein.

No personal College records of a student will be released to any person or agency outside the institution without the written consent of the student unless a subpoena is issued.

College or personally identifiable data specifically authorized by federal law shall not include information that would permit personal identification of students. Authorized persons, agencies, or organizations desiring access to the records of a student will sign a written form that shall be kept permanently with the file of the student, but only for inspection by the student.

Students with Disabilities

Please see page 25 – **Accommodation Services**.

Weather Cancellations

When snow, ice, or other bad weather threatens the normal class schedule, students should listen to local radio stations, especially KLKC, KKOW, KSYN and KGGF and local television stations, especially KODE, KSN, FOX, and KOAM regarding changes in the schedule. Each student will also receive a phone call/message on the home phone number they listed with the Admissions office during enrollment, from LCC's Emergency Alert Telephone System. Cancellation of classes is also posted on LCC's website at www.labette.edu. If the radio, television, or website does not state that LCC classes have been canceled, students should assume that classes will be held on the normal schedule.

Announcements regarding day classes will be made after 6:15am and evening and evening extensions classes after 3:15 pm. Extension classes will not be held if the facility in which they are meeting is closed that day.

Student Activities



Intercollegiate Athletics

The intercollegiate athletics program and its students are important components to the overall image and activities of the College. The College has women's and men's basketball, baseball, softball, volleyball, and wrestling. In addition, a coed cheerleading/spirit squad entertains Cardinal fans. LCC is a member of the National Junior College Athletic Association (NJCAA) and belongs to the Kansas Jayhawk Community College Conference (KJCCC). The KJCCC is widely recognized as one of the most competitive in the nation.

Cardinal athletics continues to produce student athletes who go on to succeed at the academic four-year level and several at the professional level. Historically, Cardinal athletics has been noted for its nationally known wrestling program. It has produced scores of All-Americans, including several academic All-Americans---and a Hall of Fame coach. Baseball and Basketball also have a record of their athletes successfully moving to the next level. Softball and volleyball, although new to Cardinal athletics, have been solid performers from the beginning. Not only are the Cardinals competitive on the field, but their GPAs demonstrate that coaches demand that athletes also take their academic futures seriously.

The Vice President of Student Affairs prepares Equity in Athletics Report every year that provides statistics and other specific information on budgets, scholarship money, etc. The report, along with graduation and transfer rates for athletes, is available from the Vice President of Student Affairs.

Student Organizations

Student organizations on campus provide activities for students with special interests. Any student interested in participating in extra curricular campus life should contact the Student Life Coordinator (SLC) located in the Student Union or the specific organization adviser.

Activities of student organizations assist in the development of skills and/or knowledge in areas such as leadership, teamwork, communication, interpersonal, social, intellectual, organizational, and time management. Organizations also provide practical experience regarding the principles of democratic and political decision making. Please refer to the LCC Student Handbook for additional information.

- Biology Club
- Campus Activities Board
- Christian Club
- Debate & Forensics Club
- Graphic Design Club
- LCC Players (Thespian Club)
- Radiography Club
- Recording Arts Tech
- Respiratory Care Club
- Student Ambassadors
- Student Government Association
- Student Nurse OrganizationPhi Beta Lambda (College division of Future Business Leaders of America)
- Phi Theta Kappa (International honor society for two year colleges)

Degree Requirements

A student may select a concentration program under one of four Associate Degrees:

Associate in Applied Science

Associate in Arts

Associate in General Studies

Associate in Science

The Associate in Arts (AA) and Associate in Science (AS) are designed for students who plan to transfer to a four-year institution and pursue a baccalaureate degree. All degrees and concentrations available at LCC are described in this catalog.

The Associate in General Studies (AGS) degree recognizes the completion of a broad general education. Transfer students will need to complete more lower-division courses at transfer universities unless they choose their courses very carefully.

The Associate in Applied Science (AAS) degree is for students who plan to seek employment after completing an associate degree in a professional/technical area.

The AAS degree may transfer only to specific degree programs at selected colleges and universities. Generally, this degree will only apply toward a bachelor's degree for which the purpose is technology occupations. Students should seek degree program evaluation, analysis, and advice from the institution to which they plan to transfer.

The minimum requirements are incorporated into each program in the following section of the catalog. Course substitutions must be approved by the Registrar. Developmental courses will not be counted toward fulfilling degree requirements. A minimum of 60 credit hours is required for all associate degrees, but many concentrations require more than 60 hours.

In addition to associate degrees, some programs offer certificates. A certificate can be earned for specific programs ranging from 12-37 credit hours. Certificates are offered in Business and Technology and other specific programs.

Attention Transfer Students

LCC has transfer agreements with all major Kansas universities and colleges to ensure the transferability of general education courses. Students should work with their adviser to select the appropriate type and number of general education courses required by the university or college they plan to attend.

For more information, please visit www.labette.edu/stusvcs/trnsfer.htm

Please check specific programs for degree requirements.

The most current program of study can be found on the LCC Website at www.labette.edu

Associate in Arts Degree - Labette Community College

A minimum of 60 credit hours is required

Concentration Requirements: - A minimum of 15 credit hours needed

For concentration requirements, please see specific concentration

Concentration/General Education Electives: - A minimum of 6 credit hours needed

Electives can be concentration or general education

For concentration electives, please see specific concentration

College Success Skills:

Must be taken by first-time, full-time students

General Education Requirements: - A minimum of 16 credit hours needed

ENGL 101 English Composition I (3)

ENGL 102 English Composition II (3)

COMM 101 Fundamentals of Speech (3)

MATH 118 College Algebra (3) or higher

PED 116 Lifetime Fitness (1)

Computer Elective (3)

Natural/Physical Science Elective(s): - A minimum of 5 credit hours needed

Must include a lab - See page 48 for a list of electives

Humanities Elective(s): - A minimum of 12 credit hours needed

Must select from at least two (2) different areas - See page 54 for a list of electives

Social and Behavioral Science Elective(s): - A minimum of 6 credit hours needed

See page 48 for a list of electives

Exit Assessment is required for graduation

Developmental courses do not apply towards degree requirements

Associate in Science Degree - Labette Community College

A minimum of 60 credit hours is required

Concentration Requirements: - A minimum of 15 credit hours needed

For concentration requirements, please see specific concentration

Concentration/General Education Electives: - A minimum of 12 credit hours needed

Electives can be concentration or general education

For concentration electives, please see specific concentration

College Success Skills:

Must be taken by first-time, full-time students

General Education Requirements: - A minimum of 16 credit hours needed

ENGL 101 English Composition I (3)

ENGL 102 English Composition II (3)

COMM 101 Fundamentals of Speech (3)

MATH 115 College Algebra (3) or higher

PED 116 Lifetime Fitness (1)

Computer Elective (3)

Natural/Physical Science Elective(s): - A minimum of 5 credit hours needed

Must include a lab

See page 48 for a list of electives

Humanities Elective(s): - A minimum of 6 credit hours needed

See page 48 for a list of electives

Social and Behavioral Science Elective(s): - A minimum of 6 credit hours needed

See page 48 for a list of electives

Exit Assessment is required for graduation

Developmental courses do not apply towards degree requirements

Associate in Applied Science Degree - Labette Community College

A minimum of 60 credit hours is required

Concentration Requirements: - A minimum of 24 credit hours needed

For concentration requirements, please see specific concentration

Concentration/Contextual/General Education Electives: - A minimum of 15 credit hours needed

Electives can be concentration, contextual, or general education

For concentration or contextual electives, please see specific concentration

College Success Skills:

Must be taken by first-time, full-time students

General Education Requirements: - A minimum of 9 credit hours needed

ENGL 101 English Composition I (3)

ENGL 102 English Composition II (3) **or**

BUAD 110 Business Communication (3) **or**

COMM 101 Fundamentals of Speech (3)

MATH 106 Applied Mathematics (3) **or**

MATH 100 Intermediate Algebra (3) **or**

MATH 115 College Algebra (3)

General Education Elective(s): - A minimum of 12 credit hours needed

See page 48 for a list of electives

Exit Assessment is required for graduation

Developmental courses do not apply towards degree requirements

All AAS students are required to meet with their adviser to review and sign the KS Vocational Program Competency Form prior to graduation

Associate in General Studies Degree - Labette Community College

A minimum of 60 credit hours is required

Concentration Requirements:

A minimum of 15 credit hours

College Success Skills Course:

Must be taken by first-time, full-time students

General Education Requirements: - A minimum of 16 credit hours needed

ENGL 101 English Composition I (3)

ENGL 102 English Composition II (3)

COMM 101 Fundamentals of Speech (3)

MATH 115 College Algebra (3) or higher

PED 116 Lifetime Fitness (1)

Computer Elective (3)

Natural/Physical Science Elective(s): - A minimum of 5 credit hours needed

Must include a lab

See page 48 for a list of electives

Humanities Elective(s): - A minimum of 6 credit hours needed

See page 48 for a list of electives

Social and Behavioral Science Elective(s): - A minimum of 6 credit hours needed

See page 48 for a list of electives

General Education Electives: - A minimum of 12 credit hours needed

See page 48 for a list of electives

Exit Assessment is required for graduation
Developmental courses do not apply towards degree requirements

Department Codes

Letter Code	Department Name
ACCT	Accounting
AGRI	Agriculture
AUTO	Automotive Technology
ART	Art
BUAD	Business Administration
BIOL	Biological Science
CHEM	Chemistry
CRIM	Criminal Justice
COMM	Communication
COMP	Computer Science
CULI	Culinary Arts
DRAF	Drafting
ECON	Economics
EDUC	Education
ENGL	English
FCS	Family & Consumer Science
FINA	Financial Services
FIRE	Fire Science
GEOG	Geography
GRAP	Graphic Design
HEAL	Health Care
HIST	History
HUMA	Humanities
INDU	Industrial Technology
LANG	Foreign Language
LEAR	Student Success Center
MATH	Mathematics
MGMN	Management
MUSI	Music
NURS	Nursing Education
OTEC	Office Technology
PARA	Paraprofessional
PED	Physical Education
PHIL	Philosophy
PHSC	Physical Science
PHYS	Physics
POLS	Political Science/Gov
PSYC	Psychology
RADI	Radiography
RELI	Religion
RESP	Respiratory Care
RTEC	Recording Arts Technology
SOCI	Sociology
SPEC	Special Interest
THEA	Theatre

General Education Electives

■ Humanities Electives

► Art

- ART 103 Art Appreciation (3)
- ART 133 Art History I (3)
- ART 111 Ceramics I (3)
- ART 112 Ceramics II (3) *
- ART 107 Design I (3)
- ART 108 Design II (3) *
- ART 103 Drawing I (3)
- ART 104 Drawing II (3) *
- ART 115 Painting I (3)
- ART 116 Painting II (3) *
- ART 120 Beginning Photography I (3)
- ART 121 Beginning Photography II (3) *
- ART 113 Sculpture I (3)
- HUMA 101 Introduction to the Humanities (3)

► English

- ENGL 104 Creative Writing (3)
- ENGL 116 Literature I: P&D (3)
- ENGL 117 Literature II: P&F (3)
- ENGL 124 Film Appreciation (3)
- ENGL 201 Science Fiction (3)
- ENGL 110 Intro to Western Literature (3)
- ENGL 106 General Literature (3)
- ENGL 122 The Novel (3)
- HUMA 101 Introduction to the Humanities (3)

► Foreign Language

- LANG 104 French I (5) I/O
- LANG 105 French II (5) I/O *
- LANG 116 German I (5) I/O
- LANG 117 German II (5) I/O *
- LANG 130 Russian I (5) I/O
- LANG 131 Russian II (5) I/O *
- LANG 127 Spanish I (5)
- LANG 128 Spanish II (5) *

► History

- HIST 101 American History to 1877 (3)
- HIST 102 American History Since 1877 (3)
- HIST 201 Kansas History (3)
- HIST 103 World Civilization to 1500 (3)

- HIST 104 World Civilization Since 1500 (3)
- HIST 108 Current World Affairs (3)

► Music

- MUSI 103 Music Literature (3)
- MUSI 101 Music Appreciation (3)
- MUSI 104 History of Jazz and Rock (3)
- HUMA 101 Introduction to the Humanities (3)

► Philosophy & Religion

- COMM 110 Critical Thinking (3) *
- PHIL 104 Introduction to Logic (3)
- PHIL 101 Philosophy I (3)
- RELI 101 Comparative World Religions (3)
- RELI 105 New Testament Survey (3)
- HUMA 101 Introduction to the Humanities (3)

■ Mathematics & Sciences Electives

► Mathematics

- MATH 125 Trigonometry (3) *
- MATH 130 Calculus I (5) *
- MATH 115 College Algebra (3) *
- MATH 120 Elementary Statistics (3) *
- MATH 122 Intro to Analytical Processes (3) *
- MATH 127 Business Calculus (3) *

► Natural Science

- BIOL 130 Anatomy & Physiology (5) *
- BIOL 101 Biology (3) (no lab)
- BIOL 120 Biology (5)
- BIOL 124 General Botany (5)
- BIOL 201 Microbiology (5) *
- BIOL 126 General Zoology (5)
- BIOL 108 Principles and Concepts of Genetics (3)
- BIOL 122 Environmental Life Science (5)

► Physical Science

- CHEM 120 Introduction to Chemistry (5) *
- CHEM 124 College Chemistry I (5) *
- CHEM 126 College Chemistry II (5) *
- CHEM 204 Organic Chemistry I (5) *
- CHEM 206 Organic Chemistry II (5) *
- PHYS 201 College Physics I (5) *
- PHYS 205 College Physics II (5) *
- PHYS 203 Engineering Physics I (5) *
- PHYS 208 Engineering Physics II (5) *
- PHSC 105 Physical Science (5) *

■ Social & Behavioral Sciences Electives

► Anthropology & Sociology

- SOCI 103 Marriage and Family (3)
- SOCI 111 Social Problems (3)
- SOCI 101 Sociology (3)
- SOCI 105 Anthropology (3)

► Economics

- ECON 101 Issues in Today's Economy (3)
- ECON 203 Macroeconomics (3)
- ECON 204 Microeconomics (3)

► Geography

- GEOG 101 World Regional Geography (3)
- GEOG 202 Economic Geography (3)

► Political Science

- POLS 105 American Government (3)
- POLS 103 State and Local Government (3)
- HIST 108 Current World Affairs (3)

► Psychology

- PSYC 101 General Psychology (3)
- PSYC 202 Psychology of Adjustment (3) *

■ Other General Education Electives

- COMP 110 Computer Concepts & Appl. (3)
- BUAD 101 Introduction to Business (3)
- COMP 120 Computer Info Systems (3)

* Prerequisite must be met prior to taking the course. Please refer to the course descriptions.

Accounting
Associate in Science

Concentration Requirements	Credit Hours
ACCT 112 Financial Accounting *	3
ACCT 121 Computer Accounting	3
ACCT 114 Managerial Accounting **	3
COMP 115 Spreadsheet Concepts and Applications	3
BUAD 101 Business Law I	3
BUAD 105 Business Law II	3
BUAD 101 Introduction to Business	3
Total	21

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 115 College Algebra or	
MATH 122 Introduction to Analytical Processes	3
PED 116 Lifetime Fitness	1
ECON 203 Macroeconomics	3
ECON 204 Microeconomics	3
COMP 120 Computer Information Systems	3
Natural or Physical Science Elective with lab	5
Humanities Electives	6
General Education Electives	6
Total	39
Program Total	60

*ACCT 113 Financial Accounting Lab (2) is strongly recommended

**ACCT 115 Managerial Accounting Lab (2) is strongly recommended

Note: Membership in Phi Beta Lambda is encouraged.

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Art
Associate in Arts

Concentration Requirements	Credit Hours
ART 133 Art History I.....	3
ART 103 Drawing I.....	3
ART 115 Painting I.....	3
ART 107 Design I.....	3
ART 113 Sculpture I or	
ART 111 Ceramics I.....	3
ART 130 Art Appreciation	3
Total.....	18

General Education Requirements	Credit Hours
ENGL 101 English Composition I.....	3
ENGL 102 English Composition II.....	3
COMM 101 Fundamentals of Speech.....	3
MATH 115 College Algebra.....	3
PED 116 Lifetime Fitness	1
COMP 110 Computer Concepts and Applications.....	3
Natural or Physical Science Elective with lab	5
Humanities Electives (from at least two areas).....	12
Social and Behavioral Science Electives	6
General Education Electives.....	6
Total.....	45
Program Total.....	63

The courses listed below will usually transfer to a four-year institution. Some will also fulfill the humanities electives.

- ART 104 Drawing II (3)
- ART 111 Ceramics I (3)
- ART 112 Ceramics II (3)
- ART 116 Painting II (3)
- ART 120 Beginning Photography I (3)
- ART 121 Beginning Photography II (3)
- ART 117 Watercolor (3)
- ART 113 Sculpture I (3)
- ART 127 Printmaking I (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skill is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Biology
Associate in Science

Concentration Requirements	Credit Hours
BIOL 124 Botany, General	5
BIOL 126 Zoology, General	5
BIOL 130 Anatomy and Physiology	5
BIOL 101 Biology (with lab)	5
Total.....	20

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 115 College Algebra	3
CHEM 124 College Chemistry I	5
CHEM 126 College Chemistry II	5
PED 116 Lifetime Fitness	1
Natural & Physical Sciences Elective	5
Humanities Electives	6
Social and Behavioral Electives	6
Computer Elective	3
Total.....	43
Program Total.....	63

Recommendations for Natural & Physical Sciences Elective:

- BIOL 201 Microbiology (Plant or animal concentration) (5)
- PHYS 201 College Physics I (Biology concentration) (5)
- CHEM 204 Organic Chemistry I (Microbiology concentration) (5)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Business Administration

Associate in Science

Concentration Requirements		Credit Hours
BUAD 101	Introduction to Business	3
ACCT 112	Financial Accounting*	3
BUAD 110	Business Communications	3
ACCT 114	Managerial Accounting**	3
BUAD 104	Business Law I	3
BUAD 105	Business Law II	3
Total.....		18

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
COMM 101	Fundamentals of Speech	3
MATH 115	College Algebra or	
MATH 122	Introduction to Analytical Processes.....	3
PED 116	Lifetime Fitness	1
MATH 120	Elementary Statistics.....	3
COMP 120	Computer Information Systems	3
ECON 203	Macroeconomics	3
ECON 204	Microeconomics.....	3
	Natural or Physical Science Elective with lab	5
	Humanities Electives	6
	General Education Electives	6
Total.....		42
Program Total.....		60

*ACCT 112 **Financial Accounting Lab (2) is strongly recommended**

ACCT 115 **Managerial Accounting Lab (2) is strongly recommended

Note: Membership in Phi Beta Lambda is encouraged.

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Chemistry
Associate in Science

Concentration Requirements	Credit Hours
CHEM 124 College Chemistry I.....	5
CHEM 126 College Chemistry II.....	5
CHEM 204 Organic Chemistry I.....	5
CHEM 206 Organic Chemistry II.....	5
Total.....	20

General Education Requirements	Credit Hours
ENGL 101 English Composition I.....	3
ENGL 102 English Composition II.....	3
COMM 101 Fundamentals of Speech.....	3
MATH 130 Calculus I.....	5
PED 116 Lifetime Fitness.....	1
Computer Science Elective*.....	3
Humanities Electives.....	6
Social/Behavioral Science Elective.....	6
General Education Electives**.....	10
Total.....	40
Program Total	60

***Recommendations for Computer Science Elective:**

- COMP 110 Computer Concepts & Applications (3)
- COMP 138 Visual Basic Programming (3)
- COMP 135 C++ Programming (3)
- COMP 145 Pascal (3)

****Transfer students should take the following electives:**

- MATH 131 Calculus II (5)
- PHYS 203 Engineering Physics I (5)
- PHYS 208 Engineering Physics II (5)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Communication
 General Communication Emphasis
 Associate in Arts

Concentration Requirements	Credit Hours
COMM 106 Introduction to Mass Media	3
COMM 103 Introduction to Advertising	3
COMM 105 Introduction to Public Relations	3
BUAD 101 Introduction to Business	3
COMM 110 Critical Thinking and Argumentation	3
BUAD 110 Business Communications	3
Total	18

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 115 College Algebra	3
PED 116 Lifetime Fitness	1
Computer Elective	3
Natural or Physical Science Elective with lab	5
Humanities Electives (from at least two areas)**	12
Social and Behavioral Science Electives ***	6
General Education Electives	6
Total	45
Program Total	63

****Recommended Humanities Electives**

- HIST 101 American History to 1877(3)
- ENGL 104 Creative Writing (3)
- MUSI 101 Music Appreciation (3)
- ART 107 Design I (3)
- PHIL 104 Introduction to Logic (3)
- HUMA 101 Introduction to the Humanities (3)

*****Recommended Social and Behavioral Electives**

- ECON 101 Issues in Today's Economy (3)
- SOCI 101 Sociology (3)
- PSYC 101 General Psychology (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Communication
Photocommunication Emphasis
Associate of Arts

Concentration Requirements	Credit Hours
ART 120 Beginning Photography I	3
ART 121 Beginning Photography II	3
COMM 105 Introduction to Public Relations	3
COMM 106 Intro to Mass Communication.....	3
Concentration Electives***	6
Total.....	18

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 115 College Algebra	3
PED 116 Lifetime Fitness	1
Computer Elective	3
Natural or Physical Science Elective with lab	5
Humanities Electives (from at least two areas).....	12
Social and Behavioral Science Electives**	6
General Education Electives	6
Total.....	45
Program Total.....	63

Recommended Humanities Electives

- ART 103 Drawing I (3)
- ART 107 Design I (3)
- ENGL 219 Film Appreciation (3)
- HUMA 101 Intro to Humanities (3)
- MUSI 101 Music Appreciation (3)

****Recommended Social and Behavioral Electives**

- ECON 101 Issues in Today's Economy (3)
- SOCI 101 Sociology (3)
- PSYC 101 General Psychology (3)

*****Recommended Concentration Electives**

- COMM 103 Intro to Advertising (3)
- GRAP 202 Digital Photography (3)
- GRAP 206 Photo Editing Software (3)
- RTEC 144 Digital Video Production (3)
- GRAP 112 Two Dimensional Design (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Computer Science
Information Processing
Associate in Science

Concentration Requirements	Credit Hours
COMP 130 Introduction to Programming.....	3
COMP 138 Visual Basic Programming	3
COMP 135 C++ Programming	3
COMP 212 Principles of Software Design.....	3
COMP 214 Concepts of Computer Systems	3
COMP 120 Computer Information Systems	3
Total.....	18

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 115 College Algebra	3
PED 116 Lifetime Fitness	1
ACCT 115 Financial Accounting	3
ACCT 114 Managerial Accounting.....	3
MATH 120 Elementary Statistics.....	3
Computer Science Elective	3
Natural or Physical Science Elective with lab	5
Humanities Electives	6
Social and Behavioral Science Electives	6
Total.....	42
Program Total.....	60

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Computer Science
Associate in Science

Concentration Requirements	Credit Hours
COMP 214 Concepts of Computer Systems	3
COMP 130 Introduction to Programming.....	3
COMP 135 C++ Programming	3
COMP 212 Principles of Software Design.....	3
COMP 120 Computer Information Systems	3
Total.....	15

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 130 Calculus I	5
PED 116 Lifetime Fitness	1
BIOL 101 Biology	5
Computer Science Electives	9
Natural Science Elective	5
Humanities Electives	6
Social and Behavioral Science Electives	6
Total.....	46
Program Total.....	61

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Computer Science
Network Administration
Associate in Applied Science

Concentration Requirements		Credit Hours
COMP 180	Introduction to Networking.....	3
COMP 182	Network Administration I.....	5
COMP 201	Network Administration II.....	5
COMP 202	Network Administration III.....	5
COMP 130	Introduction to Programming.....	3
COMP 135	C++ Programming.....	3
COMP 120	Computer Information Systems.....	3
COMP 138	Visual Basic Programming.....	3
COMP 198	PC Troubleshooting.....	3
COMP 214	Concepts of Computer Systems.....	3
COMP 192	Database Concepts and Applications.....	3
COMP 195	Fundamentals of Network Security.....	3
Total.....		42

General Education Requirements		Credit Hours
ENGL 101	English Composition I.....	3
MATH 115	College Algebra.....	3
BUAD 110	Business Communications.....	3
	Computer Science Elective*.....	3
	General Education Electives.....	6
Total.....		18
Program Total.....		60

***Computer Science Electives (must choose 1 course)**

- COMP 145 Pascal (3)
- COMP 216 Java Programming (3)
- COMP 152 Web Page Design Technology (3)
- OTEC 155 Word Processing Concepts and Applications (3)
- COMP 115 Spreadsheet Concepts and Applications (3)
- COMP 212 Principles of Software Design (3)
- COMP 187 Unix/Linux Administration (3)
- COMP 205 Special Topics in Computing (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Computer Science Certificate Programs Management Information Systems Certificate

Requirements	Credit Hours
COMP 130 Introduction to Programming.....	3
COMP 120 Computer Information Systems	3
COMP 192 Database Concepts and Applications	3
COMP 180 Introduction to Networking.....	3
COMP 195 Fundamentals of Network Security.....	3
COMP 138 Visual Basic Programming	3
Total.....	18

Networking Certificate

Requirements	Credit Hours
COMP 180 Introduction to Networking.....	3
COMP 130 Introduction to Programming.....	3
COMP 182 Network Administration I.....	5
BUAD 110 Business Communications	3
COMP 187 Unix/Linux Administration.....	3
COMP 195 Fundamentals of Network Security.....	3
Total.....	20

PC Technician Certificate

Requirements	Credit Hours
COMP 180 Introduction to Networking.....	3
COMP 130 Introduction to Programming.....	3
COMP 138 Visual Basic Programming	3
COMP 182 Network Administration I.....	5
COMP 198 PC Troubleshooting	3
COMP 120 Computer Information Systems	3
Total.....	20

Webmaster Certificate

Requirements	Credit Hours
COMP 138 Visual Basic Programming	3
COMP 216 Java Programming	3
COMP 152 Web Page Design Technology.....	3
GRAP 138 Website Design Software.....	3
COMP 195 Fundamentals of Network Security.....	3
COMP 210 Internet Programming	3
Total.....	18

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Criminal Justice

Associate in Science

This degree is designed for a student planning to transfer to a four year institution with a study concentration in the area of criminal justice or corrections, probation, & parole. Please consult an advisor for guidance concerning electives.

Concentration Requirements		Credit Hours
CRIM 101	Introduction to Administration of Justice	3
CRIM 135	Criminal Procedures I	3
CRIM 119	Interview and Report Writing	3
CRIM 138	Juveniles in the Criminal Justice System	3
CRIM 137	Criminal Law	3
	Concentration Elective*	3-6
Total.....		18-21

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
COMM 101	Fundamentals of Speech	3
MATH 115	College Algebra	3
PED 116	Lifetime Fitness	1
COMP 110	Computer Concepts and Applications.....	3
POLS 103	State and Local Government or American Government.....	3
	Natural or Physical Science Elective with lab (see page 54)	5
	Humanities Electives (see page 54)	6
	Social and Behavioral Science Electives (see page 54)	6
	General Education Electives (see page 54)	3-6
Total.....		39-42
Program Total.....		60

***Courses Required for Selected Emphasis**

Criminal Justice Emphasis:

Criminal Justice elective (see pages 124– 126).....	3
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Corrections, Probation & Parole Emphasis:

CRIM 104 Introduction to Corrections.....	3
CRIM 125 Probation and Parole.....	3

Note: If a student has successfully completed the Law Enforcement Academy, the Student will receive credit for the following courses:

- CRIM 135 Criminal Procedures I (subject to proficiency test)
- CRIM 115 Criminal Investigation & Interrogation Techniques
- CRIM 113 Accident Investigation
- CRIM 111 Patrol Procedures
- CRIM 119 Interview and Report Writing (subject to proficiency test)

Note: Students planning to transfer credit for a Baccalaureate degree should base their program of study on the requirements of the college to which they will transfer.

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Criminal Justice

Associate in Applied Science

This degree is designed for a student who intends to enter the workforce in law Enforcement or corrections upon obtaining the associate in applied science degree.

Please consult an advisor for guidance concerning electives.

Concentration Requirements		Credit Hours
CRIM 101	Introduction to Administration of Justice	3
CRIM 135	Criminal Procedures I	3
CRIM 137	Criminal Law	3
CRIM 138	Juveniles in the Criminal Justice System	3
CRIM 119	Interview and Report Writing	3
	Concentration Electives*	9
	Total	24

Contextual Courses (related to concentration)		Credit Hours
POLS 103	State and Local Government or	
POLS 105	American Government	3
SOCI 111	Social Problems	3
PED 180	First Aid or	2
HEAL 148	First Responder	6
	Total	8 or 12

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
COMM 101	Fundamentals of Speech	3
MATH 115	College Algebra or	
MATH 106	Applied Mathematics	3
PED 116	Lifetime Fitness	1
COMP 110	Computer Concepts and Applications	3
	General Education Electives (see page 54)	15
	Total	28
	Program Total	60 or 64

***Courses Required for Selected Emphasis**

Criminal Justice Emphasis:

CRIM 131	Community Policing	3
CRIM 113	Accident Investigation	3
CRIM 111	Patrol Procedures	3

Corrections, Probation & Parole Emphasis:

CRIM 104	Introduction to Corrections	3
CRIM 125	Probation and Parole	3
	Concentration Elective (See pages 124-126)	3

Continued on next page

Criminal Justice Continued

Note: If a student has successfully completed the Law Enforcement Academy, the Student will receive credit for the following courses:

- CRIM 135 Criminal Procedures I (subject to proficiency test)
- CRIM 115 Criminal Investigation & Interrogation Techniques
- CRIM 113 Accident Investigation
- CRIM 111 Patrol Procedures
- CRIM 119 Interview and Report Writing (subject to proficiency test)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Culinary Arts
Associate in Applied Science

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
COMM 101	Fundamentals of Speech	3
MATH 105	Applied Mathematics	3
COMP 110	Computer Concepts and Applications.....	3
PSYC 101	General Psychology	3
	Humanities Elective	3
	General Education Electives	3
Total.....		21
Concentration Requirements		Credit Hours
Semester I		
CULI 101	Perspectives of Hospitality Management.....	3
CULI 110	Professional Cooking I	3
CULI 103	Food Service Sanitation	1
CULI 139	Baking Principles.....	3
Total.....		10
Semester II		
CULI 111	Professional Cooking II	3
CULI 120	Menu Design and Planning	3
CULI 140	Introduction to Catering	3
Total.....		9
Summer		
CULI 145	Culinary Arts Internship I.....	3
Total.....		3
Semester III		
CULI 135	Food Management	4
CULI 105	Supervisory Management	3
CULI 125	Nutrition and Meal Planning.....	3
Total.....		10
Semester IV		
CULI 146	Culinary Arts Internship II.....	3
CULI 123	Hospitality Management: Purchasing	3
CULI 138	Food Service Sales and Marketing.....	3
CULI 130	Human Resource Management	3
Total.....		12
Program Total.....		65

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

**Culinary Assistant
Certificate**

Concentration Requirements		Credit Hours
Semester I		
CULI 110	Professional Cooking I	3
CULI 135	Food Management	4
CULI 139	Baking Principles.....	3
CULI 103	Food Service Sanitation	1
CULI 101	Perspectives of Hospitality Management.....	3
Total.....		14
 Semester II		
CULI 111	Professional Cooking II	3
CULI 120	Menu Design and Planning.....	3
CULI 140	Introduction to Catering.....	3
CULI 123	Hospitality Management: Purchasing	3
CULI 145	Culinary Arts Internship I	3
Total.....		15
Program Total.....		29

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Education
Early Childhood Education
 Associate in Science

Concentration Requirements	Credit Hours
EDUC 142 Early Childhood Education.....	3
EDUC 110 Child Development.....	3
EDUC 151 Children’s Literature.....	3
EDUC 152 Children’s Music	3
EDUC 154 Art Education.....	3
EDUC 110 Child Development Workshops*.....	3
Early Childhood Education Elective**.....	3-4
Total.....	21-22

General Education Requirements	Credit Hours
ENGL 101 English Composition I.....	3
ENGL 102 English Composition II.....	3
COMM 101 Fundamentals of Speech	3
MATH 111 Mathematics for Education or	
MATH 115 College Algebra	3
PED 116 Lifetime Fitness	1
COMP 110 Computer Concepts and Applications.....	3
PSYC 101 General Psychology	3
PSYC 201 Developmental Psychology	3
Natural or Physical Science Elective with lab	5
Humanities Electives	6
Social and Behavioral Science Elective.....	3
General Education Electives	3
Total.....	39
Program Total.....	60-61

***Child Development Workshops (select 3 courses)**

EDUC 101	Child Abuse/Neglect (1)
EDUC 111	Multiple Intelligences (1)
EDUC 120	Creating Positive Settings (1)
EDUC 109	Child Dev.: Day Care and Preschool (1)
EDUC 113	Child Dev.: Social & Emotional Dev. (1)
EDUC 112	Child Dev.: Curriculum for Learning (1)
EDUC 114	Caring for Children with Handicaps (1)
EDUC 117	Understanding Children’s Temperament (1)

****Early Childhood Education Elective (select 1 course & corresponding lab)**

EDUC 127	Preschool Child (3) <i>and</i>
EDUC 128	Preschool Child Lab (1)
EDUC 107	Administration & Org. of Child Care Program (3)
EDUC 124	Infant and Toddler (3) <i>and</i>
EDUC 125	Infant and Toddler Lab (1)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

*College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.
 Exit Assessment is required for graduation.*

Education
Early Childhood Education Certificate

Certificate Requirements	Credit Hours
EDUC 142 Early Childhood Education.....	3
EDUC 110 Child Development.....	3
EDUC 151 Children’s Literature.....	3
EDUC 152 Children’s Music	3
EDUC 154 Art Education.....	3
EDUC 110 Child Development Workshops*.....	2
Early Childhood Education Elective**.....	3-4
Business Elective***	3
Total.....	23-24

***Child Development Workshops (select 3 courses)**

- EDUC 109 Child Dev.: Day Care and Preschool (1)
- EDUC 113 Child Dev.: Social & Emotional Dev. (1)
- EDUC 112 Child Dev.: Curriculum for Learning (1)
- EDUC 114 Caring for Children with Handicaps (1)
- EDUC 101 Child Abuse/Neglect (1)
- EDUC 111 Multiple Intelligences (1)
- EDUC 120 Creating Positive Settings (1)
- EDUC 121 Cultural Competency (1)
- EDUC 117 Understanding Children’s Temperament (1)

****Early Childhood Education Elective**

- EDUC 127 Preschool Child (3) *and*
- EDUC 128 Preschool Child Lab (1)
- EDUC 107 Administration & Org. of Child Care Program (3)
- EDUC 124 Infant and Toddler (3) *and*
- EDUC 125 Infant and Toddler Lab (1)

*****Business Elective (select 1 course)**

- BUAD 101 Introduction to Business (3)
- OTEC 113 Business Accounting (3)
- OTEC 119 Business Math (3)

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Education
Elementary Education
 Associate in Science

Concentration Requirements	Credit Hours
EDUC 151 Children’s Literature.....	3
EDUC 152 Children’s Music.....	3
EDUC 154 Art Education.....	3
GEOG 101 World Regional Geography.....	3
EDUC 140 Introduction to Teaching.....	3
EDUC 134 Preprofessional Lab for Teachers.....	1
Total.....	16

General Education Requirements	Credit Hours
ENGL 101 English Composition I.....	3
ENGL 102 English Composition II.....	3
COMM 101 Fundamentals of Speech.....	3
MATH 111 Math for Education or	
MATH 115 College Algebra.....	3
PED 116 Lifetime Fitness.....	1
COMP 110 Computer Concepts & Applications.....	3
PSYC 101 General Psychology.....	3
PSYC 201 Developmental Psychology.....	3
Humanities Electives.....	6
(1) Natural Science (General Biology or Environmental Science),(1) Physical Science (Physical Science, Intro to Chemistry, or College Physics I).....	10
General Education Electives.....	9-10
Total.....	47-48
Program Total.....	63-64

***General Education Electives Recommended**

ART 130 Art Appreciation (3)
ENGL 206 General Literature (3)
LANG 127 Spanish (5)
HIST 101 American History to 1877 (3)
HIST 102 American History from 1877 (3)
MUSI 101 Music Appreciation (3)
ECON 101 Issue’s In Today’s Economy (3)
POLS 105 American Government (3)
SOCI 101 Sociology (3)

*See your Advisor for specific General Education Requirements for transfer schools.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation. Exit Assessment is required for graduation.

Education
Secondary Education
 Associate in Science

Concentration Requirements	Credit Hours
Concentration Area*	15
Education Elective**	3
Total.....	18

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 111 Mathematics for Education or	
MATH 115 College Algebra	3
PED 116 Lifetime Fitness	1
COMP 110 Computer Concepts and Applications.....	3
PSYC 101 General Psychology	3
Humanities Electives	6
Natural Science (1) (General Biology or Environmental Science), Physical Science (1) (Physical Science, Intro to Chemistry, or College Physics I)	10
General Education Electives	9-10
Total.....	47-48
Program Total.....	63-64

*For concentration area, choose 15 credit hours from the discipline in which you plan to teach.

**Education Electives (select at least 3 credit hours)

- PSYC 201 Developmental Psychology (3)
- EDUC 140 Introduction to Teaching (3)
- EDUC 134 Preprofessional Lab for Teachers (1)

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Education
Child Development Associate (CDA) Credential

The Child Development Associate (CDA) Credential is a nationally recognized and standardized award that shows that the childcare provider holding the credential is not only knowledgeable about childcare development and care, but also is competent in his or her ability to give quality care to children.

A candidate must have evidence of 120 clock hours of coursework in eight (8) areas of competence. All qualifying courses must have been taken within the last five (5) years from the date of the CDA application. The 120 clock hours of coursework can be taken at LCC in the form of the following courses:

Course Number & Title	Credit Hours
EDUC 127 Preschool Child.....	3
EDUC 107 Adm & Org of Child Care Programs	3
EDUC 109 Child Development: Day Care Programs	1
EDUC 113 Child Development: Social & Emotional Development.....	1
EDUC 112 Child Development: Curriculum for Learning.....	1
EDUC 142 Early Childhood Education.....	3
EDUC 116 Family Day Care.....	3

After completing the coursework, the student will begin the CDA application process and complete the remaining requirements of the CDA before a credential can be awarded by the credentialing office in Washington, D.C. Their phone number is 800-424-4312 and their address is:

The Council for Professional Recognition
P.O. Box 932270
Atlanta, GA 31193-2270

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Engineering Technology
Associate in Science

Concentration Requirements		Credit Hours
MATH 120	Elementary Statistics.....	3
PHYS 203	Engineering Physics I (preferred) or	
PHYS 201	College Physics I	5
PHYS 208	Engineering Physics II (preferred) or	
PHYS 205	College Physics II	5
MATH 130	Calculus I.....	5
	Concentration Electives	17-18
Total.....		35-36

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
COMM 101	Fundamentals of Speech	3
PED 116	Lifetime Fitness	1
BIOL 101	Biology	3
COMP 138	Visual Basic Programming	3
	Humanities Electives	6
	Social and Behavioral Science Electives	6
Total.....		28
Program Total.....		63-64

***Concentration Electives (choose 17-18 credit hours)**

MATH 125	Trigonometry (3)
MATH 131	Calculus II (5)
MATH 201	Calculus III (5)
MATH 202	Differential Equations (3)
CHEM 120	Introduction to Chemistry (5)
CHEM 124	College Chemistry I (5)
CHEM 204	Organic Chemistry I (5)
PHYS 210	Statics (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

English
Associate in Arts

Concentration Requirements	Credit Hours
ENGL 116 Literature I: Poetry and Drama	3
ENGL 117 Literature II: Prose and Fiction	3
Concentration Electives*	9
Total.....	15

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 115 College Algebra	3
PED 116 Lifetime Fitness	1
COMP 110 Computer Concepts and Applications.....	3
Natural or Physical Science Elective with lab	5
Humanities Electives (from at least two areas).....	12
Social and Behavioral Science Electives	6
General Education Electives	6
Total.....	45
Program Total.....	60

*** Concentration Electives (select 3 courses)**

ENGL 104 Creative Writing (3)
ENGL 130 Exploration in Literature (3)
ENGL 124 Film Appreciation (3)
ENGL 110 Introduction to Western Literature (3)
ENGL 201 Science Fiction (3)
ENGL 122 The Novel (3)
ENGL 106 General Literature (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Financial Services
Associate in Applied Science

Concentration Requirements		Credit Hours
ECON	101	Issues in Today's Economy3
FINA	150	Pre-Licensing Series 6 Limited Representative or
FINA	151	Gen. Securities Registered Rep. Pre-Licensing Series 7.....3
FINA	129	Introduction to Financial Planning.....3
FINA	119	Basic Marketing.....3
FINA	117	Introduction to Investments3
FINA	105	Money and Banking.....3
FINA	131	Life, Accident, and Health Insurance.....3
FINA	126	Financial Management.....3
FINA	101	AIB: Principles of Banking.....3
ACCT	112	Financial Accounting.....3
ACCT	114	Managerial Accounting.....3
BUAD	104	Business Law I.....3
FINA	115	Professional Selling for Financial Service Agents.....3
		Concentration Elective*.....3
Total.....		42

General Education Requirements		Credit Hours
ENGL	101	English Composition I3
ENGL	102	English Composition II or
BUAD	110	Business Communications or
COMM	101	Fundamentals of Speech3
MATH	115	College Algebra or
MATH	106	Applied Mathematics.....3
ECON	203	Macroeconomics.....3
ECON	204	Microeconomics.....3
COMP		Computer Elective**3
Total.....		18
Program Total.....		60

***Concentration Elective (select 1 course)**

- BUAD 117 Principles of Management (3)
- BUAD 105 Business Law II (3)
- MATH 120 Elementary Statistics (3)

****Computer Elective (select 1 course)**

- ACCT 121 Computer Accounting (3)
 - COMP 110 Computer Concepts and Applications (3)
 - COMP 180 Introduction to Networking (3)
 - COMP 115 Spreadsheet Concepts and Applications (3)
- Advanced computer course with permission of Adviser

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Graphic Design
Graphics Imaging
 Associate in Applied Science

Concentration Requirements		Credit Hours
GRAP 110	Drawing Fundamentals	3
GRAP 122	Illustration	3
GRAP 128	Digital Animation I	3
GRAP 107	Introduction to Desktop Publishing	3
GRAP 112	Two-Dimensional Design	3
GRAP 113	Three-Dimensional Design	3
GRAP 120	Color Theory	3
GRAP 204	Digital Illustration	3
GRAP 118	Typography	3
GRAP 216	Production Art	3
GRAP 208	Website Design	3
GRAP 206	Photo Editing Software	3
GRAP 202	Digital Photography	3
GRAP 201	Professional Preparation	3
GRAP 210	Digital Page Layout	3
GRAP 130	Mixed Media	3
GRAP 101	Graphic Communication	3
Total.....		51

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
COMM 101	Fundamentals of Speech or	
BUAD 110	Business Communication	3
MATH 115	College Algebra or	
MATH 106	Applied Mathematics	3
ART 130	Art Appreciation	3
	Social and Behavioral Science Electives	3
Total.....		15
Program Total.....		66

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Graphic Design
Interactive Graphics
Associate in Applied Science

Concentration Requirements		Credit Hours
RTEC 148	Audio for Video	3
RTEC 101	Audio Recording I	2
RTEC 144	Digital Video Production	3
GRAP 101	Graphic Communication	3
GRAP 128	Digital Animation I	3
GRAP 120	Color Theory	3
GRAP 107	Introduction to Desktop Publishing	3
GRAP 201	Professional Preparation	3
GRAP 118	Typography	3
GRAP 112	2-Dimensional Design	3
GRAP 204	Digital Illustration	3
GRAP 208	Website Design	3
GRAP 206	Photo Editing Software	3
GRAP 210	Digital Page Layout	3
GRAP 202	Digital Photography	3
GRAP 212	Digital Animation II	3
GRAP 161	Interactive Media	3
GRAP 214	Interactive Media Project	3
Total.....		53

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
COMM 101	Fundamentals of Speech or	
BUAD 110	Business Communication	3
MATH 115	College Algebra or	
MATH 106	Applied Mathematics	3
	Social and Behavioral Science Electives	3
Total.....		12
Program Total.....		65

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Graphic Design Certificate

Concentration Requirements	Credit Hours
GRAP 201 Professional Preparation	3
GRAP 112 2-Dimensional Design	3
GRAP 204 Digital Illustration.....	3
GRAP 206 Photo Editing Software.....	3
GRAP 202 Digital Photography.....	3
GRAP 210 Digital Page Layout.....	3
Graphic Design Electives*	9
Total.....	27

***Concentration Electives (select 9 credit hours)**

GRAP	110	Drawing Fundamentals (3)
GRAP	128	Digital Animation I (3)
GRAP	120	Color Theory (3)
GRAP	107	Introduction to Desktop Publishing (3)
GRAP	122	Illustration (3)
GRAP	118	Typography (3)
GRAP	113	3-Dimensional Design (3)
GRAP	216	Production Art (3)
GRAP	208	Website Design (3)
GRAP	130	Mixed Media (3)
GRAP	101	Graphic Communication (3)
GRAP	212	Digital Animation II (3)
GRAP	161	Interactive Media (3)
GRAP	214	Interactive Media Project (3)

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

History
Associate in Arts

Concentration Requirements	Credit Hours
HIST 101 American History To 1877	3
HIST 102 American History Since 1877	3
HIST 103 World Civilizations To 1500	3
HIST 104 World Civilizations Since 1500	3
Concentration Electives*	3
Total.....	15

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 115 College Algebra	3
PED 116 Lifetime Fitness	1
COMP 110 Computer Concepts and Applications.....	3
Natural or Physical Science Elective with lab	5
Humanities Electives (from at least two areas).....	12
Social and Behavioral Science Electives	6
General Education Electives	6
Total.....	45
Program Total.....	60

***Concentration Electives (select 1 course)**

HIST 201	Kansas History (3)
HIST 108	Current World Affairs (3)
HIST 119	Explorations in History (3)
POLS 105	American Government (3)
GEOG 101	World Regional Geography (3)
MUSI 104	History of Jazz and Rock (3)
ART 133	Art History I (3)
SOCI 105	Anthropology (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Mathematics
Associate in Science

Concentration Requirements		Credit Hours
MATH 130	Calculus I.....	5
MATH 131	Calculus II.....	5
MATH 201	Calculus III.....	5
MATH 202	Differential Equations.....	3
Total.....		18

General Education Requirements		Credit Hours
ENGL 101	English Composition I.....	3
ENGL 102	English Composition II.....	3
COMM 101	Fundamentals of Speech.....	3
PED 116	Lifetime Fitness.....	1
COMP 138	Visual Basic Programming.....	3
	Natural or Physical Science Elective with lab.....	5
	Humanities Electives.....	6
	Social and Behavioral Science Electives.....	6
	General Education Electives.....	12
Total.....		42
Program Total.....		60

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Multi-Cultural International Studies

Associate in Arts

Concentration Requirements		Credit Hours
	Foreign Language (2 semesters)	10
	History and Culture Elective*	3
	Politics and Economy Elective **	3
	Literature, Philosophy, and the Arts	3
	Total.....	19

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
COMM 101	Fundamentals of Speech	3
MATH 115	College Algebra	3
PED 116	Lifetime Fitness	1
COMP 110	Computer Concepts & Applications	3
	Natural or Physical Science Elective with lab	5
	Humanities Electives (from at least two areas).....	12
	Social and Behavioral Science Electives	6
	General Education Electives	6
	Total.....	45
	Program Total.....	64

*The following courses may be taken to fulfill the History and Culture Requirement:
World Civilizations to 1500, World Civilizations since 1500, Anthropology, Comparative
World Religion

**The following courses may be taken to fulfill the Politics and Economy Requirement:
Issue's In Today's Economy, World Regional Geography, Current World Affairs, Economic Geography

***The following courses may be taken to fulfill the Literature, Philosophy, and the Arts Requirement:
Art History I, Philosophy I, Music Appreciation, Introduction to Western Literature, Philosophy-*Eastern Culture*

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Music

Associate in Arts

Concentration Requirements		Credit Hours
MUSI 142	Music Theory I <i>or</i>	
RTEC 138	Recording Arts Music Theory I	4
MUSI 143	Music Theory II <i>or</i>	
RTEC 139	Recording Arts Music Theory II	4
MUSI 103	Music Literature	3
	Performing Ensembles*	4
	Private Lessons (Applied)	4
	Concentration Electives**	7
Total.....		26

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
COMM 101	Fundamentals of Speech	3
MATH 115	College Algebra	3
PED 116	Lifetime Fitness	1
	Computer Elective	3
	Natural or Physical Science Elective with lab	5
	Humanities Electives (from at least two areas).....	12
	Social and Behavioral Science Electives	6
Total.....		39
Program Total.....		65

Note: Student is required to pass a departmental piano proficiency exam to graduate.
Piano class is required each semester until exam is passed.

***Performing Ensembles (select 4 credit hours)**

- College Band I-IV 1 credit hour each
- College Choir I-IV 1 credit hour each
- College Orchestra I-IV 1 credit hour each

****Concentration Electives (select 7 credit hours)**

- MUSI 225 Ear Training and Sight Singing III (1)
- MUSI 220 Music Theory III (3)
- EDUC 152 Children's Music (3)
- MUSI 104 History of Jazz and Rock (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Nursing Education
Associate in Applied Science

Admission Criteria

Students interested in the Nursing Program can be admitted to the College on the same basis as other students, but admission to the College does not ensure admission into the Nursing Program. Acceptance into the Nursing Program is based on the criteria established by the department.

To obtain more information about the criteria and to get a copy of the application procedure please contact the Instructional Assistant Nursing Education at (620) 421-6700 extension 1263.

Bi-Level Nursing Curriculum
Associate in Applied Science

Prerequisites:

MATH 106 Applied Math OR MA 1719 College Algebra	3
BIOL 130 Anatomy & Physiology.....	5
Total.....	8

Level I

General Education Requirements		Credit Hours
NURS 117 Pathophysiology.....		3
COMM 101 Fundamentals of Speech.....		3
PSYC 101 General Psychology.....		3
PSYC 201 Developmental Psychology.....		3
Total.....		12

Concentration Requirements		Credit Hours
NURS 120 Fundamentals of Nursing.....		10
NURS 124 Family Nursing I (summer session).....		3
NURS 122 Medical-Surgical Nursing.....		9
Total.....		22

Optional: **Practical Nursing Certificate awarded after successfully completing Level I**
Optional: Eligible to take the NCLEX-PN

Articulating LPNs ONLY		Credit Hours
NURS 126 LPN Bridge Course		1
Total.....		1

(Continued on next page)

Orientation is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Bi-Level Nursing Curriculum Continued
Associate in Applied Science

Level II

General Education Requirements		Credit Hours
BIOL 201	Microbiology	5
ENGL 101	English Composition I	3
ENGL 102	English Composition II.....	3
SOCI 101	Sociology	3
Total.....		14

Concentration Requirements		Credit Hours
NURS 201	Mental Health Nursing	4
NURS 203	Family Nursing II	4
NURS 205	Advanced Medical-Surgical Nursing.....	8
Total.....		16
Program Total.....		72

**Associate in Applied Science Degree in Nursing awarded after successfully
Completing Bi-Level Curriculum Levels I and II
Eligible to take the NCLEX-RN**

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Office Technology
Administrative Assistant
Associate in Applied Science

Concentration Requirements	Credit Hours
OTEC 119 Business Math*	3
OTEC 106 Formatting **	3
OTEC 127 Transcription Skills	1
OTEC 155 Word Processing Concepts and Applications	3
COMP 120 Computer Information Systems	3
OTEC 109 Office Machines	1
OTEC 113 Business Accounting	3
OTEC 111 Records Management	2
OTEC 121 Office Procedures	3
BUAD 110 Business Communications	3
COMP 110 Computer Concepts and Applications	3
OTEC 122 Coordinated Office Training I	1-3
OTEC 123 Coordinated Office Training II <i>or</i>	
OTEC 141 Career Portfolio <i>or</i> Approved Elective	2-3
OTEC 136 Office Applications - Administrative Assistant	3
COMP 115 Spreadsheet Concepts and Applications	3
Concentration Electives***	8-9
Total	45-49

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II or	
COMM 101 Fundamentals of Speech	3
MATH 106 Applied Mathematics <i>or</i>	
MATH 100 Intermediate Algebra <i>or</i>	
MATH 115 College Algebra	3
General Education Electives	6
Total	15
Program Total	60-64

***Placement test and/or course required**

****If student has not completed one year of keyboarding in high school, he or she should enroll in OTEC 102 College Keyboarding.**

*****Concentration Electives (select 6 credit hours)**

COMP 180	Introduction to Networking (3)
ACCT 121	Computer Accounting (3)
COMP 192	Database Concepts and Applications (3)
COMP 198	PC Troubleshooting (3)
BUAD 101	Introduction to Business (3)
OTEC 141	Career Portfolio (2)
OTEC 115	Human Relations in Business (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

**Office Technology
Clerical Assistant**
Associate in Applied Science

Concentration Requirements		Credit Hours
OTEC 106	Formatting **	3
OTEC 127	Transcription Skills	1
OTEC 155	Word Processing Concepts and Applications	3
OTEC 109	Office Machines	1
OTEC 113	Business Accounting	3
OTEC 111	Records Management	2
OTEC 121	Office Procedures	3
OTEC 135	Office Applications: Clerical	3
OTEC 122	Coordinated Office Training I	1-3
OTEC 123	Coordinated Office Training II	3
OTEC 141	Career Portfolio	3
	Concentration Electives***	15
Total		41-43

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II <i>or</i>	
COMM 101	Fundamentals of Speech	3
MATH 106	Applied Mathematics <i>or</i>	
MATH 100	Intermediate Algebra <i>or</i>	
MATH 115	College Algebra	3
	General Education Electives	9
Total		18
Program Total		62-64

***Placement test and/or course required**

****If student has not completed one year of keyboarding in high school, he or she should enroll in OE 0587 College Keyboarding.**

*****Concentration Electives (select 15 credit hours)**

- OTEC 119 Business Math (3)
- COMP 120 Computer Information Systems (3)
- COMP 115 Spreadsheets Concepts and App (3)
- BUAD 110 Business Communications (3)
- ACCT 121 Computer Accounting (3)

General Ed Elective(s):

- COMP 110 Computer Concepts & Applications (3)

For a listing of all General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Office Technology
Legal Administrative Assistant
 Associate in Applied Science

Concentration Requirements	Credit Hours
OTEC 106 Formatting*	3
OTEC 127 Transcription Skills	1
OTEC 155 Word Processing Concepts and Applications	3
OTEC 109 Office Machines	1
OTEC 113 Business Accounting	3
OTEC 111 Records Management	2
OTEC 121 Office Procedures	3
BUAD 104 Business Law I	3
BUAD 105 Business Law II <i>or</i>	
CRIM 137 Criminal Law	3
BUAD 110 Business Communications	3
COMP 110 Computer Concepts and Applications	3
OTEC 132 Legal Transcription	2
OTEC 122 Coordinated Office Training I	1-3
OTEC 123 Coordinated Office Training II <i>or</i>	
OTEC 141 Career Portfolio <i>or</i> Approved Elective	2-3
OTEC 138 Office Applications - Legal	3
OTEC 119 Business Math**	3
Concentration Electives***	5-6
Total	44-48

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II <i>or</i>	
COMM 101 Fundamentals of Speech	3
MATH 106 Applied Mathematics <i>or</i>	
MATH 100 Intermediate Algebra <i>or</i>	
MATH 115 College Algebra	3
General Education Electives	6
Total	15
Program Total	59-63

***If student has not completed one year of keyboarding in high school, he or she should enroll in OTEC 102 College Keyboarding.**

****Placement test and/or course required**

*****Concentration Electives (select 3 credit hours)**

COMP 180	Introduction to Networking (3)
ACCT 121	Computer Accounting (3)
COMP 192	Database Concepts and Applications (3)
COMP 198	PC Troubleshooting (3)
COMP 115	Spreadsheet Concepts and Applications (3)
OTEC 115	Human Relations in Business (3)
OTEC 141	Career Portfolio (2)
BUAD 101	Introduction to Business (3)

For a listing of all General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Office Technology
Medical Administrative Assistant
 Associate in Applied Science

Concentration Requirements		Credit Hours
OTEC 106	Formatting *	3
OTEC 127	Transcription Skills	1
OTEC 155	Word Processing Concepts and Applications	3
OTEC 125	Medical Terminology	3
OTEC 109	Office Machines	1
OTEC 113	Business Accounting	3
OTEC 111	Records Management	2
OTEC 121	Office Procedures	3
BUAD 110	Business Communications	3
COMP 110	Computer Concepts and Applications	3
OTEC 128	Medical Transcription	2
OTEC 133	Medical Coding I	3
OTEC 122	Coordinated Office Training I	1-3
OTEC 123	Coordinated Office Training II <i>or</i>	
OTEC 141	Career Portfolio <i>or</i> Approved Elective	2-3
OTEC 137	Office Applications - Medical	3
OTEC 119	Business Math**	3
	Concentration Electives***	2-3
Total		41-45

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II <i>or</i>	
COMM 101	Fundamentals of Speech	3
MATH 106	Applied Mathematics <i>or</i>	
MATH 100	Intermediate Algebra <i>or</i>	
MATH 115	College Algebra	3
BIOL 130	Anatomy & Physiology	5
	General Education Electives	6
Total		20
Program Total		61-65

***If student has not completed one year of keyboarding in high school, he or she should enroll in OTEC 102 College Keyboarding.**

****Placement test and/or course required**

*****Concentration Electives (select 2-3 credit hours)**

OTEC 133	Medical Coding II (3)	OTEC 141	Career Portfolio (3)
OTEC 107	Medical Document Formatting (3)	BUAD 101	Introduction to Business (3)
COMP 121	Computer Accounting (3)	OTEC 115	Human Relations in Business (3)
COMP 192	Database Concepts and Applications (3)		
OTEC 124	Advanced Medical Terminology (3)		
OTEC 130	Advanced Medical Transcription (3)		
OTEC 142	Pharmacology & Laboratory Medicine for Medical Transcription		
COMP 115	Spreadsheet Concepts and Applications (3)		

For a listing of all General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

**Office Technology
Medical Administrative Assistant Certificate**

Concentration Requirements	Credit Hours
O TEC 106 Formatting *	3
O TEC 155 Word Processing Concepts and Applications	3
O TEC 125 Medical Terminology	3
O TEC 109 Office Machines	1
O TEC 111 Records Management	2
O TEC 133 Medical Coding I	3
O TEC 128 Medical Transcription	2
COMP 110 Computer Concepts and Applications	3
Electives**	6
Total	26

****If student has not completed one year of keyboarding in high school, he or she should enroll in OE 0587 College Keyboarding.**

**** Electives (select 2 courses)**

- COMP 115 Spreadsheet Concepts and Applications (3)
- O TEC 113 Business Accounting (3)
- COMP 180 Introduction to Networking (3)
- O TEC 102 College Keyboarding (3)
- O TEC 133 Medical Coding II (3)
- COMP 192 Database Concepts and Applications (3)
- O TEC 119 Business Math (3)
- O TEC 107 Medical Document Formatting (3)
- O TEC 124 Advanced Medical Terminology (3)
- O TEC 131 Advanced Medical Transcription (3)
- O TEC 142 Pharmacology & Laboratory Medicine for Medical Transcription (3)

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

**Office Technology
Clerical Assistant Certificate**

Concentration Requirements		Credit Hours
OTEC 102	College Keyboarding	3
OTEC 119	Business Math*	3
OTEC 106	Formatting **	3
COMP 115	Spreadsheet Concepts and Applications	3
COMP 110	Computer Concepts and Applications.....	3
OTEC 109	Office Machines.....	1
OTEC 113	Business Accounting.....	3
OTEC 111	Records Management.....	2
	Elective	2
Total.....		24

***Placement test and/or course required**

****If student has not completed one year of keyboarding in high school, he or she should enroll in OTEC 102 College Keyboarding.**

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Office Technology Medical Transcriptionist Certificate

Concentration Requirements	Credit Hours
BIOL 130 Anatomy and Physiology.....	5
O TEC 125 Medical Terminology*	3
O TEC 127 Transcription Skills.....	1
O TEC 128 Medical Transcription.....	2
O TEC 106 Formatting	3
BUAD 110 Business Communications <i>or</i>	
ENGL 101 English Composition I	3
O TEC 107 Medical Documents Formatting**	3
O TEC 124 Advanced Medical Terminology	3
O TEC 130 Advanced Medical Transcription.....	3
O TEC 142 Pharmacology & Laboratory Medicine for Medical Transcription	3
O TEC 122 Coordinated Office Training I***	1-3
Total.....	30-32

***Students will have problems taking Medical Terminology and Medical Transcription in the same semester. At the current time it is recommended that Medical Terminology is completed prior to enrollment in Medical Transcription.**

****Students would only be allowed to take the approved substitutions if student-typing speed is within the 70-75 WPM range. Approved substitutions with permission from advisor:**

O TEC 133 Medical Coding I

O TEC 134 Medical Coding II

O TEC 155 Word Processing Concepts and Applications

*****Students can enroll in Office Training I for 3 hours if student has employment in the medical transcription field.**

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Paraprofessional and Developmental Disabilities Training
Associate in Applied Science

Concentration Requirements		Credit Hours
PARA 101	Introduction to the Exceptional Individual or	
PARA 106	Introduction to Special Education Paraprofessionals.....	3
PARA 108	Behavior Support Principles I.....	3
PARA 109	Laboratory in Behavior Support I.....	3
PARA 114	Behavior Support Principles II.....	3
PARA 115	Laboratory in Behavior Support II.....	3
PARA 112	Professional Communication and Interaction.....	3
PARA 148	Laboratory Experience with Individuals with Disabilities.....	3
	Concentration and Contextual Courses.....	12
	Total.....	33

General Education Requirements		Credit Hours
ENGL 101	English Composition I.....	3
ENGL 102	English Composition II or	
COMM 101	Fundamentals of Speech.....	3
MATH 106	Applied Mathematics or	
MATH 115	College Algebra.....	3
PSYC 101	General Psychology.....	3
PSYC 201	Developmental Psychology.....	3
COMP 110	Computer Concepts and Applications.....	3
	General Education Electives.....	9
	Total.....	27
	Program Total.....	60

Concentration and Contextual Electives (select at least 12 credit hours)

PARA 132	Beginning Sign Language (3)
PARA 133	Intermediate Sign Language (3)
PARA 131	Advanced Sign Language (3)
PARA 120	Paraeducator I (1)
PARA 121	Paraeducator II (1)
PARA 122	Paraeducator III (1)
PARA 123	Paraeducator IV (1)
PARA 124	Paraeducator V (1)
PARA 125	Paraeducator VI (1)
PARA 126	Paraeducator VII (1)
PARA 127	Paraeducator VIII (1)
PARA 135	Workshop in Special Education (3)
PARA 138	Language Development for the Exceptional Individual (3)
PARA 137	Emergency Health and Safety (3)
EDUC 140	Introduction to Teaching (3)
EDUC 151	Children's Literature (3)
EDUC 142	Early Childhood Education (3)
EDUC 152	Children's Music (3)
EDUC 107	Administration and Organization of Child Care Programs (3)
EDUC 154	Art Education (3)

For a listing of all General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

**Certificate Programs for Parsons State Hospital & Training Center Employees
Certificate**

Developmental Disability Technician I

Certificate Requirements		Credit Hours
PARA 108	Behavior Support Principles I.....	3
PARA 109	Lab in Behavior Principles I.....	3
PARA 138	Language Development for the Exceptional Individual	3
PARA 137	Emergency Health and Safety.....	3
Total.....		12

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Philosophy
Associate in Science

Concentration Requirements	Credit Hours
PHIL 101 Philosophy I	3
PHIL 104 Intro to Logic	3
PHIL 106 Ethics	3
Concentration Elective*	6
Total.....	15

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 115 College Algebra	3
PED 116 Lifetime Fitness	1
COMP 110 Computer Concepts & Applications	3
Natural or Physical Science Elective with lab	5
Humanities Electives (from at least two areas).....	12
Social and Behavioral Science Electives	6
General Education Electives	6
Total.....	45
Program Total.....	60

*Choose from the following list:

- HIST 103-World Civilization to 1500
- HIST 104-World Civilization since 1500
- RELI 101-Comparative World Religions
- PHIL 102-Philosophy II
- PHIL 110-Philosophy –Eastern Culture
- HUMA 101-Intro to Humanities
- RELI 105-New Testament Survey
- RELI 103-Old Testament Survey
- RELI 201-(New Testament) Greek1
- RELI 202-(New Testament) Greek 2

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation

Physical Education
Associate in Science

Concentration Requirements			Credit Hours
PED 118	First Aid		2
PED 103	Care and Prevention of Athletic Injuries		3
PED 101	Introduction to Physical Education		3
PED 105	Personal & Community Health		3
	Concentration Electives*		6
Total.....			17

General Education Requirements			Credit Hours
ENGL 101	English Composition I		3
ENGL 102	English Composition II		3
COMM 101	Fundamentals of Speech		3
MATH 115	College Algebra		3
PED 116	Lifetime Fitness		1
PSYC 101	General Psychology		3
PSYC 201	Developmental Psychology		3
BIOL 130	Anatomy & Physiology with lab <i>or</i>		
BIOL 101	Biology		5
COMP 110	Computer Concepts and Applications.....		3
	Humanities Electives		6
	Social and Behavioral Science Electives		6
	General Education Electives		6
Total.....			45
Program Total.....			62

***Concentration Electives:**

With emphasis on Coaching/Teaching

PED 189 Rules & Officiating (3)

EDUC 140 Introduction to Teaching (3)

Choice of one 3 hour Coaching Theory course

With emphasis on Recreation/Leisure:

PED 107 Community Recreation (3)

PED 103 Recreational Activity (2)

AND Select 1 PE Activity Elective from following list:

173	Aerobic Dance	158	Beginning Tennis
120,121,210,211	V. Baseball	150	Beginning Golf
122,123,214,215	V. Basketball	184	Jogging
133,134,222,223	V. Wrestling	152	Karate I
131,132	V. Volleyball	185	Lifesaving
129,130,220,221	V. Softball	154,155	Racquetball I-II
177	Danceworks	193	Slimnastics
178	Exercise	156,157	Social Dance I-II
162	Beginning Swimming	195	Weightlifting

With emphasis on Athletic Injuries:

PED 111 Athletic Training Practicum I (2)

PED 112 Athletic Training Practicum II (1)

PED 114 Basic Nutrition (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Physics or Engineering
Associate in Science

Concentration Requirements		Credit Hours
MATH 130	Calculus I.....	5
MATH 131	Calculus II.....	5
PHYS 203	Engineering Physics I.....	5
PHYS 208	Engineering Physics II.....	5
CHEM 124	College Chemistry I.....	5
COMP 138	Visual Basic Programming.....	3
	Concentration Electives*.....	10-12
Total.....		38-40

General Education Requirements		Credit Hours
ENGL 101	English Composition I.....	3
ENGL 102	English Composition II.....	3
COMM 101	Fundamentals of Speech.....	3
PED 116	Lifetime Fitness.....	1
	Humanities Electives.....	6
	Social and Behavioral Science Electives.....	6
Total.....		22
Program Total.....		60-62

***Concentration Electives (select 10-12 credit hours)**

MATH 201	Calculus III (5)
MATH 202	Differential Equations (3)
CHEM 126	College Chemistry II (5)
PHYS 210	Statics (3)
INDU 131	Engineering Graphics I (3)
COMP 135	C++ Programming (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Preprofessional Services

Associate in Science

Students should consult the catalog of the college or university to which they are planning to transfer for completion of their degree and carefully select the courses that will meet their requirements.

Pre-Dentistry

Associate in Science

Concentration Requirements		Credit Hours
CHEM 124	College Chemistry I	5
CHEM 126	College Chemistry II	5

Must complete all the courses from one of the following options:

Option I is highly recommended to complete the requirements for professional schools. Students should be able to complete a biology or chemistry major at a four-year university

BIOL 101	General Biology or
BIOL 130	Anatomy & Physiology(5)
CHEM 204	Organic Chemistry I(5)
CHEM 206	Organic Chemistry II(5)
PHYS 201	College Physics I(5)
PHYS 205	College Physics II(5)

Option II students may elect to use if math and chemistry background is weak.

PHYS 201	College Physics I(5)
PHYS 205	College Physics II(5)
BIOL 126	General Zoology(5)
BIOL 101	General Biology or
BIOL 124	General Botany(5)
BIOL 130	Anatomy & Physiology(5)
Total35

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
COMM 101	Fundamentals of Speech	3
PED 116	Lifetime Fitness	1
MATH 130	Calculus I	5
	Biology Electives*	10
	Computer Elective	3
	Humanities Electives	6
	Social and Behavioral Science Electives	6
	Total	40
	Program Total	75

*Biology Electives (Check with the Pre-Medical Adviser about which courses are best for your program.) (select 2 courses)

BIOL 130	Anatomy & Physiology (5)
BIOL 201	Microbiology (5)
BIOL 126	General Zoology (5)
BIOL 124	General Botany (5)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49

*College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.
Exit Assessment is required for graduation.*

Preprofessional Services
Pre-Dental Hygiene
Associate in Science

Concentration Requirements		Credit Hours
CHEM 124	College Chemistry I.....	5
CHEM 126	College Chemistry II.....	5
BIOL 126	General Zoology.....	5
BIOL 201	Microbiology with lab.....	5
PED 114	Basic Nutrition.....	3
Total.....		23

General Education Requirements		Credit Hours
ENGL 101	English Composition I.....	3
ENGL 102	English Composition II.....	3
COMM 101	Fundamentals of Speech.....	3
PED 116	Lifetime Fitness.....	1
PSYC 101	General Psychology.....	3
SOCI 101	Sociology.....	3
BIOL 130	Anatomy & Physiology.....	5
MATH 115	College Algebra.....	3
	Computer Elective.....	3
	Humanities Electives.....	6
	General Education Electives.....	6
Total.....		39
Program Total.....		62

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skill is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Preprofessional Services
Pre-Medical Technology
 Associate in Science

Concentration Requirements		Credit Hours
BIOL 124	General Botany	5
CHEM 124	College Chemistry I	5
CHEM 126	College Chemistry II	5
CHEM 204	Organic Chemistry I	5
CHEM 206	Organic Chemistry II	5
BIOL 126	General Zoology	5
BIOL 201	Microbiology with lab.....	5
Total.....		35

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
COMM 101	Fundamentals of Speech	3
PED 116	Lifetime Fitness	1
PSYC 101	General Psychology	3
ENGL 106	General Literature	3
BIOL 130	Anatomy & Physiology.....	5
MATH 115	College Algebra	3
	Computer Elective	3
	Humanities Electives	3
	Social and Behavioral Science Electives	6
	General Education Electives	6
Total.....		36
Program Total.....		71

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Preprofessional Services
Pre-Medicine
 Associate in Science

Concentration Requirements	Credit Hours
CHEM 124 College Chemistry I	5
CHEM 126 College Chemistry II	5

Must complete all the courses from one of the following options:

Option I is highly recommended to complete the requirements for professional schools. Students should be able to complete a biology or chemistry major at a four-year university

BIOL 101 General Biology or	
BIOL 130 Anatomy & Physiology(5)	
CHEM 204 Organic Chemistry I(5)	
CHEM 206 Organic Chemistry II(5)	
PHYS 201 College Physics I(5)	
PHYS 205 College Physics II(5)	

Option II students may elect to use if math and chemistry background is weak.

PHYS 201 College Physics I(5)	
PHYS 205 College Physics II(5)	
BIOL 126 General Zoology(5)	
BIOL 101 General Biology or	
BIOL 124 General Botany(5)	
BIOL 130 Anatomy & Physiology(5)	

Total35

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
PED 116 Lifetime Fitness	1
MATH 130 Calculus I	5
Biology Electives*	10
Computer Elective	3
Humanities Electives	6
Social and Behavioral Science Electives	6
Total	40
Program Total	75

***Biology Electives (Check with the Pre-Medical Adviser about which courses are best for your program.) (select 2 courses)**

BIOL 130 Anatomy & Physiology (5)	
BIOL 201 Microbiology (5)	
BIOL 126 General Zoology (5)	
BIOL 124 General Botany (5)	

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

*College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.
 Exit Assessment is required for graduation.*

Preprofessional Services
Pre-Optometry
 Associate in Science

Concentration Requirements	Credit Hours
BIOL 124 General Botany	5
CHEM 124 College Chemistry I	5
CHEM 126 College Chemistry II	5
CHEM 204 Organic Chemistry I	5
PHYS 201 College Physics I	5
PHYS 205 College Physics II	5
Total.....	30

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
PED 116 Lifetime Fitness	1
MATH 130 Calculus I	5
BIOL 201 Microbiology	5
PSYC 101 General Psychology	3
Computer Elective	3
Humanities Electives	6
Social and Behavioral Science Electives	3
Total.....	35
Program Total.....	65

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Preprofessional Services
Pre-Pharmacy
Associate in Science

Concentration Requirements		Credit Hours
CHEM 124	College Chemistry I	5
CHEM 126	College Chemistry II	5
CHEM 204	Organic Chemistry I	5
CHEM 206	Organic Chemistry II	5
BIOL 120	Biology	5
BIOL 201	Microbiology	5
Total.....		30

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
COMM 101	Fundamentals of Speech	3
PED 116	Lifetime Fitness	1
MATH 130	Calculus I	5
BIOL 130	Anatomy & Physiology	5
PSYC 101	General Psychology	3
	Computer Elective	3
	Humanities Electives	6
	Social and Behavioral Science Electives	3
Total.....		35
Program Total		65

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Preprofessional Services
Pre-Physical Therapy
 Associate in Science

Concentration Requirements	Credit Hours
BIOL 120 Biology	5
BIOL 201 Microbiology	5
CHEM 124 College Chemistry I.....	5
CHEM 126 College Chemistry II.....	5
PHYS 101 College Physics I	5
PHYS 205 College Physics II.....	5
MATH 125 Trigonometry	3
Total.....	33

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
MATH 115 College Algebra	3
PED 116 Lifetime Fitness	1
BIOL 130 Anatomy & Physiology.....	5
Computer Elective	3
Humanities Electives	6
Social and Behavioral Science Electives	6
Total.....	33
Program Total.....	66

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Preprofessional Services
Pre-Veterinary Medicine
 Associate in Science

Concentration Requirements	Credit Hours
CHEM 124 College Chemistry I	5
CHEM 126 College Chemistry II	5
BIOL 201 Microbiology	5

Must complete all the courses from one of the following options:

Option I is highly recommended to complete the requirements for professional schools. Students should be able to complete a biology or chemistry major at a four-year university. **Option II** students may elect to use if math and chemistry background is weak.

Option I

CHEM 204 Organic Chemistry I (5)
CHEM 206 Organic Chemistry II (5)
PHYS 201 College Physics I (5)
PHYS 205 College Physics II (5)

Option II

PHYS 201 College Physics I(5)
PHYS 205 College Physics II (5)
BIOL 126 General Zoology(5)
BIOL 101 General Biology or
BIOL 124 General Botany(5)

Total35

General Education Requirements	Credit Hours
ENGL 101 English Composition I	3
ENGL 102 English Composition II	3
COMM 101 Fundamentals of Speech	3
PED 116 Lifetime Fitness	1
MATH 115 College Algebra	3
BIOL 120 Biology	5
Computer Elective	3
Humanities Electives	6
Social and Behavioral Science Electives	6
Total.....	33
Program Total.....	68

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Radiography

Associate in Applied Science

Admission Criteria

Students interested in the Radiography Program can be admitted to the College on the same basis as other students, but admission to the College does not ensure admission into the Radiography Program. Acceptance into the Radiography Program is based on the criteria established by the department.

To obtain more information about the criteria and to get a copy of the application procedure please contact the health science secretary by calling (620) 421-6700 extension 1157.

General Education Requirements Credit Hours

All General Education courses that satisfy the Associate in Applied Science Degree in Radiologic Technology should be completed prior to review and selection.

ENGL	101	English Composition I	3
ENGL	102	English Composition II or	
COMM	101	Fundamentals of Speech	3
MATH	106	Applied Mathematics or	
MATH	100	Intermediate Algebra or Higher	3
BIOL	130	Anatomy & Physiology.....	5
PSYC	101	General Psychology or	
PSYC	201	Developmental Psychology	3
COMP	110	Computer Elective	3
Total.....			20

Concentration Requirements Credit Hours

Summer Semester - First Year:

RADI	101	Introduction to Radiography, Ethics, and Law	2
RADI	103	Radiographic Procedures I.....	1
RADI	107	Radiographic Image Processing.....	1
RADI	109	Patient Care in Radiography	2
Total.....			6

Fall Semester - First Year:

RADI	111	Medical Terminology for Radiography	1
RADI	103	Radiographic Procedures II.....	3
RADI	113	Simulations in Radiography I	2
RADI	115	Pharmacology & Drug Administration	2
RADI	117	Film/Screen Image Acquisition	2
RADI	119	Clinical Training I.....	3
Total.....			13

(Continued on next page)

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Radiography (Continued)
Associate in Applied Science

Spring Semester - First Year:

RADI 214	Simulations in Radiography II.....	2
RADI 105	Radiographic Procedures III.....	3
RADI 125	Radiographic Equipment Operation.....	2
RADI 127	Introduction to CT and Cross Sectional Anatomy.....	3
RADI 120	Clinical Training II.....	3
Total.....		13

Summer Semester - Second Year:

RADI 203	Clinical Training III.....	3
RADI 201	Imaging Modalities.....	3
Total.....		6

Fall Semester - Second Year:

RADI 207	Digital Image Acquisition & Quality Assurance.....	3
RADI 209	Principles of Radiation Physics.....	2
RADI 211	CT Procedures.....	2
RADI 213	Radiographic Pathophysiology.....	2
RADI 204	Clinical Training IV.....	3
Total.....		12

Spring Semester - Second Year:

RADI 217	Radiation Protection.....	3
RADI 219	Image Analysis.....	2
RADI 221	Radiography Comprehensive Review.....	2
RADI 223	Situation Judgment.....	2
RADI 205	Clinical Training V.....	3
Total.....		12
Program Total.....		82

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Radiography Computed Tomography Certificate

Concentration Requirements

RADI	228	Advance Computed Tomography Cross Sectional Anatomy.....	3
RADI	227	Advanced Computed Tomography Procedures.....	3
RADI	225	Computed Tomography Pathology.....	3
RADI	226	Computed Tomography Physics and Instrumentation.....	3
Total.....			12

College Success Skills is required for all first-time students with fewer than 15 hours after high school graduation.

Recording Arts Technology Associate in Applied Science

Admission Criteria

Students interested in the Recording Arts Technology Program can be admitted to the College on the same basis as other students, but admission to the College does not ensure admission into the Recording Arts Technology Program. Acceptance into the Recording Arts Technology Program is based on the criteria established by the department. To obtain more information about the criteria and to get a copy of the application procedure please contact the Recording Arts Technology Department by calling (620) 421-6700 extension 1020.

Concentration Requirements		Credit Hours
RTEC 101	Audio Recording I	3
RTEC 121	MIDI Production	3
RTEC 138	Recording Arts Music Theory I	4
RTEC 102	Audio Recording II	3
RTEC 144	Digital Video.....	3
RTEC 135	Lighting Technology.....	1
RTEC 103	Audio Recording III.....	3
RTEC 148	Audio for Video	3
RTEC 126	Sound Reinforcement.....	2
RTEC 104	Audio Recording IV.....	3
RTEC 160	Recording Arts Internship.....	1
RTEC 162	Recording Arts Thesis.....	3
RTEC 150	Music Business	3
RTEC 170	Mixing and Mastering Techniques	2
INDU 125	Fundamentals of Electronics.....	3
Total.....		40

Contextual Courses (related to concentration)		Credit Hours
RTEC 144	Recording Arts Piano.....	1
Total.....		1

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
COMM 101	Fundamentals of Speech or	
BUAD 110	Business Communications	3
MATH 115	College Algebra or	
MATH 106	Applied Mathematics	3
MUSI 104	History of Jazz and Rock	3
	General Education Electives	9
Total.....		21
Program Total.....		62

For a listing of all General Education Electives, see page 49.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Respiratory Care

Associate in Applied Science

Admission Criteria

Students interested in the Respiratory Care Program can be admitted to the College on the same basis as other students, but admission to the College does not ensure admission into the Respiratory Care Program. Acceptance into the Respiratory Care Program is based on the criteria established by the department.

To obtain more information about the criteria and to get a copy of the application procedure please contact the health science secretary by calling (620) 421-6700 extension 1157.

General Education Requirements Credit Hours

All General Education Requirements must be completed prior to beginning the first fall semester of the program. An exception will be made for the computer science and general psychology courses.

ENGL	101	English Composition I	3
ENGL	102	English Composition II or	
COMM	101	Fundamentals of Speech	3
MATH	106	Applied Mathematics or	
MATH	100	Intermediate Algebra or Higher	3
BIOL	130	Anatomy & Physiology.....	5
PSYC	101	General Psychology <i>or</i>	3
PSYC	201	Developmental Psychology	3
CHEM	120	Introduction to Chemistry** or	5
CHEM	105	Basic Chemistry II.....	3
		Computer Elective*	3
Total.....			23-25

Concentration Requirements Credit Hours

FIRST YEAR

Fall Semester:

RESP	101	Fundamentals of Respiratory Care I	4
RESP	105	Respiratory Care Pharmacology	3
OTEC	125	Medical Terminology.....	3
RESP	107	Cardiopulmonary Anatomy and Physiology.....	3
RESP	109	Clinical Practice I.....	2
Total.....			15

Spring Semester:

RESP	110	Clinical Practice II	4
RESP	115	Introduction to Mechanical Ventilation.....	1
RESP	102	Fundamentals of Respiratory Care II	4
RESP	113	Pediatric Respiratory Care.....	3
RESP	111	Respiratory Care Topics and Procedures.....	3
Total.....			15

Respiratory Care (Continued)

Associate in Applied Science

Summer Semester:

RESP 203	Fundamentals of Respiratory Care III	4
RESP 206	Respiratory Disease.....	3
	Total.....	7

SECOND YEAR

Fall Semester:

RESP 211	Clinical Practice III.....	6
RESP 213	Respiratory Care Topics and Procedures II	2
RESP 207	Critical Care Medicine.....	3
RESP 212	Clinical Practice IV.....	1
	Total.....	12
	Program Total.....	72

Optional Courses: 150 Math for Respiratory Care (1)
151 Advanced Mechanical Ventilation (1)
153 Entry-Level Review (1)
151 Advanced Cardiac Life Support (1)

***Recommended Computer Science Electives (select 3 credit hours)**

COMP 120 Computer Info Systems (3)
COMP 110 Computer Concepts and Applications (3)
OTEC 103 Microcomputer Applications I (1-3)
OTEC 104 Microcomputer Applications II (1-3)
OTEC 102 College Keyboarding (3)

**Chemistry requirement – a 3 credit hour Chemistry will be accepted for degree. Student should be aware that this course may not transfer without the lab portion.

College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Social Science Associate in Arts

This degree is designed for a student planning to transfer to a four-year institution and concentration in economics, psychology, sociology, or social work. Please consult an adviser for guidance about electives.

Concentration Requirements		Credit Hours
PSYC 101	General Psychology	3
SOCI 101	Sociology	3
ECON 101	Issues in Today's Economy	3
	Concentration Electives*	6
Total.....		15

General Education Requirements		Credit Hours
ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
COMM 101	Fundamentals of Speech	3
MATH 115	College Algebra	3
PED 116	Lifetime Fitness	1
COMP 110	Computer Concepts and Applications <i>or</i>	3
COMP 120	Computer Information Systems	3
	Natural or Physical Science Elective with lab (see page 54)	5
	Humanities Electives (from at least two areas) (see page 54).....	12
	Social and Behavioral Science Electives (see page 54)	6
	General Education Electives (see page 54)	6
Total.....		45
Program Total.....		60

*Concentration Electives (select 6 credit hours for selected emphasis)

**Business Emphasis: COMP 110 Computer Concepts & Applications (3)

***Economic Emphasis COMP 120 Computer Information Systems (3)

Psychology Emphasis:

PSYC 201 Developmental Psychology (3)

PSYC 202 Psychology of Adjustment (3)

(only offered in Spring of academic year)

Political Science Emphasis:

POLS 101 Kansas Government (3)

POLS 103 State and Local Government (3)

HIST 108 Current World Affairs (3)

Geography Emphasis:

Required:

GEOG 101 World Regional Geography -

Plus one of the following is required:

GEOG 202 Economic Geography (3)

GEOG 102 North American Geography (3)

Economics Emphasis:

ECON 204 Microeconomics (3)

ECON 203 Macroeconomics (3)

COMP 120 Computer Information Systems (3)

Sociology/Social Work Emphasis:

SOCI 111 Social Problems (3)

SOCI 103 Marriage and Family (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 49.

*College Success Skills is required for all first-time, full-time students with fewer than 15 hours after high school graduation.
Exit Assessment is required for graduation.*

Course Descriptions

Accounting

ACCT 112 (0504) Financial Accounting

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

An introduction to financial accounting concepts with emphasis on financial statements, their components, and their inter-relationships. Emphasis is on how individual transactions affect the financial statements.

ACCT 115 (0202) Managerial Accounting Lab

Co-requisite: ACCT 114 Managerial Accounting

Credit Hours: 2

Intensive work on problem solving and critical thinking exercises for students enrolled in Managerial Accounting. Course is offered on a pass/fail basis.

ACCT 114 (0503) Managerial Accounting

Prerequisite: ACCT 112 Financial Accounting

Credit Hours: 3

An introduction to the concepts and tools associated with providing accounting information to management. Major topics include: cost behavior, cost estimation, cost accumulation and assignment, budgeting, and the uses of accounting information for making decisions.

ACCT 113 (0508) Financial Accounting Lab

Co-requisite: ACCT 112 Financial Accounting

Credit Hours: 2

Intensive work on problem solving and critical thinking exercises for students enrolled in Financial Accounting. Course is offered on a pass/fail basis.

ACCT 121 (0516) Computer Accounting

Prerequisite: ACCT112 Financial Accounting or OTEC 113 Business Accounting

Credit Hours: 3

Provides students the opportunity to learn to work with accounting software and to interpret financial information in the form of computer printout.

ACCT 120 (2020) Introduction to Computer Accounting

Prerequisite: None

Credit Hours: 1

An introduction to the use of accounting software in business.

Agriculture

SPEC 103 (0113) Residential Landscaping (IO)

Prerequisite: None

Credit Hours: 3

This course will offer students basic principles that apply to landscaping a home.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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SPEC 104 (0114) Landscaping (IO)

Prerequisite: None

Credit Hours: 1

This course consists of theory and work experience in landscape design and the selection and planting of trees, shrubs, and grasses. Finish grading and water drainage will also be considered.

SPEC 108 (0115) Home Horticulture (IO)

Prerequisite: None

Credit Hours: 3

Study of gardens, lawns, and ornamental plants includes garden site preparation, selection of vegetables, fertilizer, weed control, disease, insect control, harvest, and storage.

AGRI 122 (0122) Principles of Animal Science (IO)

Prerequisite: None

Credit Hours: 3

This course will offer students the basic principles which apply to the broad fields of animal agriculture: (1) survey of the industry types, purposes and products of livestock, and (2) principles of breeding, selection, nutrition, lactation, reproduction, management, and marketing.

AGRI 126 (5422) Principles of Livestock Feeding (IO)

Prerequisite: None

Credit Hours: 3

This course will include basic livestock feeding of cattle and swine.

Art

HUMA 101 (5921) Introduction to the Humanities

Reading Placement Test Level: Reading for Academic Success*

Credit Hours: 3

Prerequisite: None

This course serves as a basic introduction to the humanities and to the various disciplines it represents. In addition, it helps students understand the influences affecting the human experience and the role the humanities play in personal and cultural enrichment.

ART 103 (1034) Drawing I

Reading Placement Test Level: Reading Essentials *

Credit Hours: 3

Prerequisite: None

Students will explore various drawing materials, techniques, and subject matter. Emphasis will be placed on development of basic drawing fundamentals and stylistic preferences. Instruction will be based on class discussion and lab work.

ART 104 (1035) Drawing II

Prerequisite: ART 103 Drawing I

Credit Hours: 3

A continuation of material covered in Drawing I. Emphasis will be placed on individual special problems in drawing and use of color. Student will work on independent projects. Instruction will be based on class discussion, individual conference, and lab work.

ART 107 (1024) Design I

Reading Placement Test Level : Reading Essentials*

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 3

An introduction to theory and practice of basic design elements and principles used in producing and in appreciating two-dimensional composition as it is applied to art objects and life. Instruction will be based on lecture, class discussion, and lab work.

ART 111 (1029) Ceramics I

Reading Placement: Test Level : Reading Essentials*

Prerequisite: None

Credit Hours: 3

An introduction to basic clay manipulation techniques including hand-building, clay additives, decoration, kiln loading, firing, and beginning wheel throwing techniques. Emphasis will be placed on three-dimensional design of clay works. Instruction will be based on class discussion, lecture, and lab work.

ART 112 (1010) Ceramics II

Prerequisite: ART 111 Ceramics I

Credit Hours: 3

An introduction to wheel throwing techniques and advanced hand-building. Emphasis will be placed on traditional and sculptural applications of clay. This course is intended to be a continuation of Ceramics I. Instruction will be based on class discussion, lecture, and lab work.

ART 113 (1030) Sculpture

Reading Placement: Test Level: Reading Essentials *

Credit Hours: 3

Prerequisite: None

An introduction to the special problems and techniques of three-dimensional sculptural form and design including clay modeling, molding, and casting. Emphasis will be placed on additive and subtractive processes. Instruction will be based on lecture, class discussion, and lab work.

ART 115 (1021) Painting I

Reading Placement: Test Level : Reading Essentials*

Credit Hours: 3

Prerequisite: None

An introduction and exploration of various painting materials, techniques, and subject matter. The use of oils, color theory, value, and stylistic techniques will be emphasized. Instruction will be based on class discussion and lab work.

ART 116 (1022) Painting II

Prerequisite: ART 115 Painting I

Credit Hours: 3

A continuation of material covered in Painting I. Emphasis will be placed on individual special problems in painting. Students will work on independent projects. Instruction will be based on class discussion, individual conference, and lab work.

ART 117 (1037) Watercolor

Prerequisite: ART 115 Painting I

Credit Hours: 3

Emphasis will be placed on special problems and beginning techniques in water soluble media. Students will work on independent projects and skill building exercises. Instruction will be based on class discussion, lecture, individual conferences, and lab work.

ART 120 (1012) Beginning Photography I

Reading Placement: Test Level: Reading Essentials *

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Prerequisite: None

Credit Hours: 3

This course, designed for the amateur photographer, or for someone who wants to explore photography, including discussion on types and operation of cameras, film, lighting, filters, exposure, composition, and black and white photography darkroom techniques. Students should have access to an adjustable, single lens reflex, 35 mm camera for this course.

ART 121 (1013) Beginning Photography II

Prerequisite: ART 120 Beginning Photography I

Credit Hours: 3

This course builds upon the photographic skills learned in Beginning Photography I, including advanced study of exposure, the zone system, natural and artificial lighting, and black and white development and printing techniques. Color photography and color slide film development are also introduced in this course.

ART 125 (1019) Crafts I (IO)

Reading Placement Test Level: Reading Essentials *

Prerequisite: None

Credit Hours: 3

An introduction to crafts, designed to explore and develop skills with various craft media. Areas of study include batik, book binding, ceramics, paper-making, marbling, weaving, paper mache, printmaking, carving, and many other areas. Emphasis will be placed on design and craftsmanship. Instruction will be based on lecture, class discussion, and lab work.

ART 127 (1018) Printmaking I

Reading Placement Test Level: Reading Essentials *

Prerequisite: None

Credit Hours: 3

The course consists of lecture, discussion, demonstration, and lab exercises dealing with the history and techniques of printmaking.

ART 130 (1011) Art Appreciation

Reading Placement Test Level: Reading for Academic Success *

Prerequisite: None

Credit Hours: 3

This course is designed to give students a broad background in art history and an appreciation of art. The primary focus will be on the principles and philosophies of the visual arts. In addition, we will look at how art relates to and enriches our society. Instruction will be based on video and slide presentations, lecture, selected readings, class discussion, and hands-on projects.

ART 133 (1028) Art History I

Reading Placement Test Level :Reading for Academic Success *

Prerequisite: None

Credit Hours: 3

An introductory survey of the history of art in western culture from prehistoric man through the medieval period. Emphasis will be placed on the growth and change of artistic styles and how they are influenced by society. Instruction will be based on lectures, slides, and class discussion.

EDUC 154 (831) Art Education

Reading Placement Test Level : Reading for Academic Success *

Prerequisite: None

Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

This course is designed to help art education and elementary education concentrations build an understanding of children's art and develop an art curriculum for their classroom that provides quality art experiences for every child. Emphasis will be placed on lab work and experimentation of various art materials suitable for the classroom. Instruction is based on lecture, class discussion, and lab work.

Automotive

AUTO 101 (5361) Introduction to Auto Maintenance (IO)

Prerequisite: None

Credit Hours: 3

This course is a study of the basic fundamentals and theory of operation of the concentration components of the automobile. The primary purpose is to acquaint the student with the proper periodic service procedures necessary to maintain the automobile in a safe and economical operating condition. In addition, trouble shooting and service procedures will be studied in detail.

AUTO 104 (5360) Personal Auto Maintenance (IO)

Prerequisite: None

Credit Hours: 1

This course deals with preventive maintenance trouble shooting and minor repair by an individual of his or her personal automobile.

AUTO 112 (5363) Introduction to Garage Practice (IO)

Prerequisite: None

Credit Hours: 3

This course covers the mechanical units of the automobile.

AUTO 113 (5364) Intermediate Garage Practice (IO)

Prerequisite: None

Credit Hours: 3

This course is designed to give the student a more in-depth look at the world of automotive repair and will cover safety, problem solving, terminology, and application of service procedures. Students will have the opportunity to diagnose and repair automotive problems.

AUTO 114 (0503) Advanced Garage Practice (IO)

Prerequisite: None

Credit Hours: 3

This course is designed to give the student advanced training in automotive repair. The course requires that the student spend most of the time on actual auto repair and the remainder of the time on new service procedures and safety.

Biology

BIOL 101 (0401) Biology

Reading Placement Test Level :Reading for Academic Success *

Prerequisite: None

Credit Hours: 3

This course presents a study of the basic concepts of living matter with emphasis on cells, tissue, and organism structure and function. An evolutionary approach with emphasis on classification, inheritance, and the ecology of plants and animals is used. This course is intended for students whose concentration is

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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other than biology, with emphasis on knowledge of the scientific method of the chemical component of living organism and the fundamental relationship between animals and plants.

BIOL 108 (0422) Principles and Concepts of Genetics (IO)

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

Mendelian and physical basis of inheritance, development, population genetics, medical genetics, chemical basis of heredity, and current issues in human and medical genetics.

BIOL 120 (0431) Biology

Reading Placement Test Level :Reading for Academic Success *

Prerequisite: None

Credit Hours: 5

This course presents a study of the basic concepts of living organisms using an evolutionary approach with emphasis on classification, inheritance, and the ecology of plants and animals. This course is intended for students whose concentration is biology and related disciplines with emphasis on knowledge of the scientific method and the chemical components and functions of cells, and tissues and organisms' structure and function. Laboratory exercises are designed to emphasize and support the course concepts and stress the scientific method of investigation.

BIOL 122 (0404) Environmental Life Science w/Lab

Prerequisite: None

Credit Hours: 5

This general education course provides an overview of life science which includes general biology and general ecology topics. This class is directed toward elementary education majors and to provide these majors with a comprehensive exposure to biology, as well as experiments and investigations that can be safely carried out in the elementary classroom. This course will not fulfill any requirements for biology majors; it will fulfill life science requirement for non-biology majors only. This 5 hour course includes 2 hours of lab and requires students to document their lab work and experiences through the use of a paper file system or the computer.

BIOL 124 (0402) General Botany

Prerequisite: None

Credit Hours: 5

A study of plant growth, physiology, morphology, reproduction, taxonomy, and evolution. This course is open to anyone interested; however, it is directed toward students with a biology concentration. Laboratory exercises accompany lectures.

BIOL 126 (0407) General Zoology

Prerequisite: None

Credit Hours: 5

Fundamental principles and processes of animal life including relationships, morphology, life history, ecology, genetics, and evolution. This course is open to anyone interested; however, it is directed toward students with a biology concentration. Laboratory exercises accompany lecture.

BIOL 130 (0412) Anatomy and Physiology

Reading Placement Test Level :Reading for Academic Success *

Recommended Prerequisite: High School Biology with an A or B, BI 101 Biology (3 credit hour) **or** BI 120 Biology (5 credit hour)

Credit Hours: 5

Anatomy and Physiology is the study of the structure and function of different systems of the human body. The course covers functional anatomy with emphasis on basic principles and physiological activities of

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

different systems of the body. The laboratory is designed to provide hands-on study of the organisms/organ systems studied in the lecture portion of the course. Cat dissection is a mandatory and important portion of the laboratory study. This course meets the requirements of the students interested in nursing, respiratory therapy, radiography, physical education, biology, and other allied health courses.

BIOL 140 (0426) Independent Study in Biology (IO)

Prerequisite: Must contact instructor before enrolling

BIOL 101 Biology (3 credit hours) **or** permission of instructor

Credit Hours: 3

Independent study in specialized areas of biology for the individual student. May be repeated for credit not to exceed 3 hours.

BIOL 145 (0413) Case Histories in Anatomy and Physiology

Prerequisite: Completed College Anatomy and Physiology or currently be enrolled in 130 Anatomy and Physiology

Credit Hours: 1

This course is to provide an applied review of Anatomy and Physiology by using case histories of diseases. It will require the student to integrate the body systems and apply their knowledge of normal anatomy and physiology.

This course is designed for health science majors, especially those interested in direct patient care, and is also a recommended elective for those desiring increased experience with anatomy and physiology or pathophysiology. The class will be presented by case histories of major disease processes. By the end of the class, all body systems will have been reviewed. Students will be required to interact with each other in small groups as well as with the instructor, and make presentations in class.

BIOL 201 (0411) Microbiology

Reading Placement Test Level :Reading for Academic Success *

Recommended as a Prerequisite: BIOL 101 Biology (3 credit hour) **or** BIOL 120 Biology (5 credit hour) or BIOL 130 Anatomy & Physiology (5 credit hour)

Credit Hours: 5

This course presents a study of microorganisms and their morphological, physiological, and biochemical characteristic response to the environment as well as their influence on the surroundings. Their relationship to the anatomy and physiology of the human body, aspects of parasitism, infection state, body defenses, and methods of control and prevention of infections will also be studied. Laboratory experiments will be conducted relating to bacterial growth, isolation and pure culture techniques as well as physiological characteristics of different microorganisms.

Business Administration

BUAD 101 (0501) Introduction to Business

Reading Placement Test Level :Reading for Academic Success *

Prerequisite: None

Credit Hours: 3

A study of different aspects of the business world such as marketing, production, finance, and human resource management.

BUAD 104 (0505) Business Law I

Reading Placement Test Level :Reading for Academic Success *

Prerequisite: None

Credit Hours: 3

An introduction to laws covering administrative law, tort law, and contracts. Sophomore standing is recommended.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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BUAD 105 (0506) Business Law II

Prerequisite: BUAD 104 Business Law II

Credit Hours: 3

A study of laws covering sales, partnerships, corporations, real property, negotiable paper, insurance, security devices, bankruptcy, wills, and estates. Sophomore standing is recommended.

BUAD 110 (0545) Business Communications

Reading Placement Test Level: Reading for Academic Success Required*

Prerequisite: None

Credit Hours: 3

Study and development of the skills and knowledge necessary for effective business communications (verbal, written, and nonverbal), and the application of these skills and knowledge in solving business communication problems.

Chemistry

CHEM 103 (1947) Basic Chemistry I

Reading Placement Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 1

Equivalent to the first 1/3 of the lecture portion of CH 1951 Introduction to Chemistry. Course content includes unit conversions, classifications of matter, net-ionic equations, acid base reactions, and oxidation-reduction reactions. Recommended especially for students in Radiography and Nursing.

CHEM 104 (1948) Basic Chemistry II

Reading Placement: Test Level: Reading Essentials *

Prerequisite: None

Credit Hours: 2

Equivalent to the first 2/3 of the lecture portion of CH 1951 Introduction to Chemistry. Course content includes unit conversions, acid-base reactions, and oxidation-reduction reactions, nomenclature, bonding, biochemistry, and nuclear chemistry. Recommended especially for student in Radiography and Nursing.

CHEM 105 (1949) Basic Chemistry III

Reading Placement: Test Level: Reading Essentials *

Prerequisite: MATH 96 Beginning Algebra, **or** MATH 106 Applied Mathematics, **or** High School Algebra.

Credit Hours: 3

Equivalent to the lecture portion of CHEM 120 Introduction to Chemistry Course content includes unit conversions, acid-base reactions, and oxidation-reduction reactions, nomenclature, bonding, biochemistry, nuclear chemistry, gases, concentration units, and colligative properties. The laboratory supports the lecture and provides general lab techniques. Recommended for students in health and science fields, preparation for CHEM 124 College Chemistry I, and meets general education requirements.

CHEM 112 (1974) Independent Study Chemistry (IO)

Prerequisite: Consent of the instructor

Credit Hours: 3

Independent study in a specialized area of chemistry. This course is designed to give the independent student laboratory and library research experience .

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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CHEM 120 (1951) Introduction to Chemistry

Reading Placement: Test Level : Reading Essentials *

Prerequisite: MATH 96 Beginning Algebra, **or** MATH 106 Applied Mathematics, **or** High School Algebra

Credit Hours: 5

Lecture and laboratory. Lecture content includes unit conversions, acid-base reactions, and oxidation-reduction reactions, nomenclature, bonding, biochemistry, nuclear chemistry, gases, concentration units, and colligative properties. The laboratory supports the lecture and provides general lab techniques.

Recommended for students in health and science fields, preparation for CH 1961 College Chemistry I, and meets general education requirements.

CHEM 124 (1961) College Chemistry I

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: MATH 100 Intermediate Algebra **or** 1 ½ years of High School Algebra.

Recommended: CH 1951 Introduction to Chemistry **or** 1 year High School Chemistry.

Credit Hours: 5

First course of a two-semester study of general chemistry. Course content includes nomenclature, stoichiometry, acids and bases, oxidation-reduction reactions, gas laws, thermochemistry, atomic structure, periodicity, bonding, molecular structures, and bonding theory. (Fall Semester)

CHEM 126 (1962) College Chemistry II

Prerequisites: CHEM 124 College Chemistry I **and** MATH 115 College Algebra

Credit Hours: 5

A continuation of College Chemistry I with course content including kinetics, equilibrium thermodynamics, acid-base theories, electrochemistry, and nuclear chemistry. (Spring Semester)

CHEM 204 (1972) Organic Chemistry I

Recommended Prerequisites: CH 124 College Chemistry I **and** CH 126 College Chemistry II

Credit Hours: 5

First course of a two-semester study of the principles of organic chemistry. Course content includes organic nomenclature, reaction mechanisms and types, alkenes, and stereochemistry. (Fall Semester)

CHEM 205 (1963) Organic Chemistry I Lecture

Prerequisite: College Chemistry I and College Chemistry II

Credit Hours: 3

Enrollment in College Chemistry Lab I is strongly recommended. This is the same course as Organic Chemistry I, but lecture only. This is a first course of a two semester study of the principles of organic chemistry. Course content includes organic nomenclature, nucleophilic substitution B-elimination, acids, and base, alkanes, alkenes, stereochemistry, conjugation, and aromaticity.

CHEM 206 (8011) Organic Chemistry I Lab

Prerequisite: College Chemistry I; Organic Chemistry I Lecture (If not taken concurrently)

Credit Hours: 2

This is a laboratory course whose primary purposes are to support "Organic Chemistry I Lecture" and to develop knowledge and skills in Organic Chemistry Laboratory Techniques

CHEM 207 (1995) Organic Chemistry II

Prerequisite: Organic Chemistry I

Credit Hours: 5

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Continuation of CHEM 204 Organic Chemistry I course content extending into alcohols, ketones, carboxylic acids, and derivatives, aromatics, other classes of compounds, reaction mechanisms, and spectroscopy. (Spring Semester)

Communication

COMM 101 (1560) Fundamentals of Speech

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

A basic study of communication theory and its practical application at all levels: intrapersonal (understanding the self), interpersonal (one-to-one relationships and small group interaction), and public speaking. Students examine factors that influence the development of the self-concept and interpersonal relationships, participate in problem-solving panel discussions, deliver informative and persuasive speeches, and improve their critical listening and thinking skills.

COMM 103 (0635) Introduction to Advertising

Reading Placement Test Level: No reading placement required

Prerequisite: None

Credit Hours: 3

This course examines strategies, techniques, and principles behind effective advertising including planning, targeting, media selection and buying, strategy and design.

COMM 105 (0637) Introduction to Public Relations

Reading Placement Test Level: No reading placement required

Prerequisite: None

Credit Hours: 3

This course introduces students to the public relations industry from management and practitioner standpoints. It focuses on developing skills and knowledge required to be a successful public relations practitioner.

COMM 106 (0620) Introduction to Mass Media

Reading Placement Test Level : Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course is an introduction to different forms of mass media – newspaper, magazines, books, radio, recordings, television, motion pictures and others. It is designed to give students an understanding of the media's role in society today. The course will explore the histories of the different forms of media, the evolution of the media's role in society, problems with media today, possible solutions to those problems, current media practices, mass media theory, ethics, and the media and social problems.

COMM 110 (1563) Critical Thinking and Argumentation

Prerequisite: None

Credit Hours: 3

Argumentation and Persuasion is an introduction to the basic theory of argument and persuasion. Students learn how to think in a clear and logical manner, analyze information critically, formulate persuasive arguments, and deliver those arguments effectively, both in oral and in written forms. Students learn how to make claims, provide evidence, explore underlying assumptions, and analyze counter-points.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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COMM 120 (0645) Debate I

Prerequisite: None

Credit Hours: 2

This course is designed specifically for the student who is interested in competitive debating. The course will provide concise discussion of principles of debate and ample opportunities for practical application of these principles.

COMM 121 (0646) Debate II

Prerequisite: None

Credit Hours: 2

This course is designed specifically for the student who is interested in competitive debating. The course will provide concise discussion of principles of debate and ample opportunities for practical application of these principles.

COMM 123 (0652) Debate III

Prerequisite: Debate I & II or permission of instructor

Credit Hours: 2

This course is designed specifically for the student who is interested in competitive debating. The course will provide concise discussion of principles of debate and ample opportunities for practical application of these principles.

COMM 130 (0647) Forensics I

Prerequisite: None

Credit Hours: 1

This course explores various events for intercollegiate forensic competition. The student will select two or more events to prepare for competition. The student is required to participate in intercollegiate competition as scheduled. *This course may be repeated for credit.* Offers students experience in intercollegiate speech competition. Student's research, prepares, practice, and perform at college tournaments in a variety of interpretive and/or public speaking events. Participation in forensics will build research and organization skills as well as public speaking and performance skills. Credit hours awarded are determined by tournament participation and the number of events prepared for competition by the student.

COMM 131 (0648) Forensics II

Prerequisite: Forensics I

Credit Hours: 1

This course explores various events for intercollegiate forensic competition. The student will select two or more events to prepare for competition. The student is required to participate in intercollegiate competition as scheduled. *This course may be repeated for credit.* Offers students experience in intercollegiate speech competition. Student's research, prepares, practice, and perform at college tournaments in a variety of interpretive and/or public speaking events. Participation in forensics will build research and organization skills as well as public speaking and performance skills. Credit hours awarded are determined by tournament participation and the number of events prepared for competition by the student.

COMM 132 (0649) Forensics III

Prerequisite: Forensics II

Credit Hours: 1

This course explores various events for intercollegiate forensic competition. The student will select two or more events to prepare for competition. The student is required to participate in intercollegiate competition as scheduled. *This course may be repeated for credit.* Offers students experience in intercollegiate speech competition. Student's research, prepares, practice, and perform at college tournaments in a variety of interpretive and/or public speaking events. Participation in forensics will build research and organization skills as well as public speaking and performance skills. Credit hours awarded are determined by tournament participation and the number of events prepared for competition by the student.

COMM 133 (0651) Forensics IV

Prerequisite: Forensics III

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 1

This course explores various events for intercollegiate forensic competition. The student will select two or more events to prepare for competition. The student is required to participate in intercollegiate competition as scheduled. *This course may be repeated for credit.* Offers students experience in intercollegiate speech competition. Student's research, prepares, practice, and perform at college tournaments in a variety of interpretive and/or public speaking events. Participation in forensics will build research and organization skills as well as public speaking and performance skills. Credit hours awarded are determined by tournament participation and the number of events prepared for competition by the student.

COMM 225 Explorations in Public Relations

Prerequisite: None

Credit Hours: 3

This course will be an examination of advanced mass media and communication theory and the application of that theory to an actual campaign.

Computer Science

COMP 110 (0715) Computer Concepts and Applications

Reading Placement Test Level: Reading for Academic Success*

Credit Hours: 3

Prerequisite: None, adequate keyboarding skill is recommended

An introduction to the study of computer hardware and use of software including operating systems, Internet browser, word processing, spreadsheet, database, and presentation programs. Students need basic keyboarding skills to enroll in this course.

COMP 115 (0733) Spreadsheet Concepts and Applications

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: Keyboarding Skills

Credit Hours: 3

This course is a comprehensive hands-on course that provides users with fundamentals, both conceptual and applied, they need to use spreadsheet software. Students learn basic and advanced features of spreadsheet use and develop the tools needed to apply this technology to business application.

COMP 120 (0717) Computer Information Systems

Reading Placement Test Level: No reading placement required

Prerequisite: Keyboarding Skills

Credit Hours: 3

An introduction to the use of computer-based information systems and communications technology in a business environment. Includes an introduction to information technology terminology, hardware, software, and data communications as well as a survey of programming languages and emerging computer technologies.

COMP 130 (0736) Introduction to Programming

Reading Placement Test Level: Reading for Academic Success *

Prerequisite: None

Credit Hours: 3

Introduction to the design and construction of computer programs. Covers the Program Development Cycle with emphasis on design tools and programming methods. Lays the foundation for programming courses.

COMP 135 (5516) C++ Programming

Prerequisite: COMP 138 Visual Basic Programming

Credit Hours: 3

An introduction to C++ programming using structured programming and object oriented design.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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COMP 138 (0730) Visual Basic Programming

Reading Placement Test Level: Reading for Academic Success *

Prerequisite: Typing skills and MATH 115 College Algebra

Credit Hours: 3

Provides a structured approach to Visual Basic programming. Includes a fundamental procedure for solving problems, naming variables, developing algorithms, selection structures, repetition structures, and correcting syntax and logic errors.

COMP 143 (0732) Advanced Programming Techniques

Prerequisite: COMP 138 Visual Basic Programming

Credit Hours: 3

An intermediate programming topic using the Visual Basic language. Topics covered include Windows API, ActiveX control, ActiveX document, Object Oriented Programming, and Database Programming.

COMP 145 (0737) Pascal

Prerequisite: COMP 138 Visual Basic Programming

Credit Hours: 3

Introduction to structured programming techniques using Pascal programming language including an overview of information processing, computers, programs, programming languages, hardware, and software with emphasis on the techniques known as "structured programming."

COMP 152 (5525) Web Page Design Technology

Prerequisite: COMP 138 Visual Basic Programming

Credit Hours: 3

This course will cover topics in designing, creating, maintaining, and troubleshooting web pages. Students will learn to create web pages using HTML, JavaScript, Java, and ActiveX.

OTEC 155 (0535) Word Processing Concepts and Applications

Prerequisite: OTEC 102 College Keyboarding

Credit Hours: 3

This course is a comprehensive hands-on course that provides users with fundamentals, both conceptual and applied, they need to use word processing software. Students learn the basics and advanced features of word processing use and develop the tools needed to apply this technology to business application.

COMP 172 (0720)

Fundamentals of

Network Security

Prerequisite: Concurrent enrollment in or completion of CS 5510 Introduction to Networking

Credit Hours: 3

This course provides the fundamentals of network security. Topics covered include: general network security, communication security, infrastructure security, and basic cryptography. Students will also learn the threats of network security and implement ways to stop intrusions.

COMP 180 (5510) Introduction to Networking

Prerequisite: None

Credit Hours: 3

Concepts and components involved in networking computers for hardware and software resources sharing. Electronic mail, file sharing, and popular networking operating systems will be explored.

COMP 182 (5511) Network Administration I

Prerequisite: COMP 180 Introduction to Networking

Credit Hours: 5

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

This course will help the student develop the skills to administer and manage Windows networks on a daily basis. This course is in preparation for Microsoft examinations.

COMP 187 (0709) Unix/Linux Administration

Prerequisite: Concurrent enrollment in or completion of COMP 180 Introduction to Networking

Credit Hours: 3

This course provides the foundation to understanding the UNIX operating systems. This course will cover the installation, maintenance, administration, and troubleshooting a working UNIX system. Students will get a hands-on experience in working with UNIX operating systems using Linux. This course will also cover some basic shell programming necessary to manage and administer a UNIX system.

COMP 188 (0719) Cisco Internetworking

Prerequisite: COMP 180 Introduction to Networking

Credit Hours: 3

This course will provide the knowledge necessary to setup, manage, troubleshoot, administer, and secure a Cisco router. This course will help prepare students for the Cisco Certified Network Associate (CCNA) certification. Topics covered include: switching, OSI reference model, routed and routing protocols, LAB technologies, and Cisco IOS.

COMP 192 (0729) Database Concepts and Applications

Reading Placement Test Level : Reading for Academic Success *

Prerequisite: None

Credit Hours: 3

This course is a comprehensive hands-on course that provides users with fundamentals, both conceptual and applied, they need to use database software. Students will learn basic and advanced features of database use and develop the tools needed to apply this technology to business application.

COMP 198 (0718) PC Troubleshooting

Reading Placement: Test Level: Reading Essentials *

Prerequisite: None

Credit Hours: 3

PC Troubleshooting is designed to expand the students' skill and proficiency in identifying the major motherboard form factors, installation of hardware, i.e. hard drives, memory, floppy disks, CD ROMs, and other peripherals. The student will understand how the system communicates information between the components and how to troubleshoot and solve PC problems, i.e.: system conflicts, hardware conflicts, software conflicts, and other issues concerning a system's failure to operate successfully. The student will have the necessary skills to purchase, maintain, and upgrade a computer system. PC Troubleshooting is a preparation course for A+ certification.

COMP 199 (5521) PC Troubleshooting Lab

Prerequisite: COMP 198 PC Troubleshooting or permission of instructor

Credit Hours: 2

This course is designed to expand the concepts of computer hardware installation and repair. Skills to diagnose and repair PC problems in both hardware and software will be explored.

COMP 201 (5512) Network Administration II

Prerequisite: COMP 180 Network Administration I

Credit Hours: 5

This course will help the student develop the skills to install and manage Microsoft Exchange Server and Microsoft Internet Security and Acceleration Server. The course is in preparation for Microsoft examinations.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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COMP 202 (5520) Network Administration III

Prerequisite: COMP 201 Network Administration II

Credit Hours: 5

This course will help the student develop the skills to administer and manage Active Directory. This course will also cover the security aspects of Windows networking operating systems. This course is in preparation for Microsoft examinations.

COMP 205 (5519) Special Topics in Computing

Prerequisite: Special permission of instructor

Credit Hours: 3

Covers selected topics in Networking and Computer Science. A specific programming language, application, networking, or programming topic will be listed as a subtitle.

COMP 208 (0721) Database Programming

Reading Placement Test Level: No reading placement required

Prerequisite: COMP 135 C++ Programming

Credit Hours: 3

This course will provide the foundation to writing a database-aware application. Students will learn the basic database systems and how to write a software application to access the database. Students will write, primarily, web-based application.

COMP 210 (0724) Internet Programming

Prerequisite: COMP 135 C++ Programming

Credit Hours: 3

This course will provide a basic understanding on how to create a web-based application. Students will learn VBScript, JavaScript, Applet, Servlet, ASP, PHP, Perl, and XML.

COMP 212 (5508) Principles of Software Design

Prerequisite: COMP 135 C++ Programming

Credit Hours: 3

Intermediate programming techniques using the C++ language. Topics covered include sorting, object oriented programming, data abstraction, algorithmic design, and basic data structure including linked lists and arrays.

COMP 214 (5509) Concepts of Computer Systems

Prerequisite: COMP 135 C++ Programming

Credit Hours: 3

An introduction of computer systems constructs, including compilers, assemblers, linking, loading, input and output, system monitors, memory organization, processor structure, and resource allocation.

COMP 216 (5518) Java Programming

Prerequisite: COMP 135C++ Programming

Credit Hours: 3

An introduction to object oriented programming using the Java language.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Criminal Justice

CRIM 101 (5551) Introduction to Administration of Justice

Reading Placement Test Level- :Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

A study of the overall system of criminal justice from its early historical development to its evolution within the United States; identification of various subsystems and components – law enforcement courts, corrections, and private agencies; their role expectations and interrelationships; basic premises and crime, punishment, and rehabilitation; education and training elements; and ethics for professionalism within the system.

CRIM 104 (5568) Introduction to Corrections

Reading Placement Test Level -:Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

This course allows the student to understand the philosophical basis of corrections, as well as identifying crucial elements in the handling of offenders for reducing their law-violating behavior and increasing public safety. Each component of the correctional system from arrest to case disposition, prisons, jails and detention centers, through probation and intermediate sanctions are covered. Various correctional systems, correction functions, institutional clients and their rights, along with reintegration systems and the future of corrections are explored.

CRIM 105 (5561) Correctional Treatment Programs

Reading Placement Test Level: -Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

Basic concepts of interviewing and counseling techniques used by corrections officers in one-to-one contracts with clients. Rudimentary skills practiced through role-playing and demonstration to prepare the student for practice in the field, and appreciation of further training required.

CRIM 106 (5564) Industrial and Business Security (IO)

Prerequisite: None

Credit Hours: 3

Explores the role of security and the security individual in modern society, the concept of professionalism and the administration personnel, and physical aspects of the security field.

CRIM 111 (5567) Patrol Procedure

Reading Placement Test Level- :Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

The fundamentals of proper patrol procedures and techniques, with particular emphasis on safety, public relations, crime prevention, and the handling of routine complaints. Identifying and the handling of police problems that are most frequently encountered.

CRIM 113 (5574) Accident Investigation

Reading Placement Test Level -:Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

Includes the proper procedure of working accident scenes. It teaches the use of different systems of drawing accident scale systems and the use of triangulation and various equipment at the accidental scene.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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CRIM 115 (5554) Criminal Investigation and Interrogation Techniques (IO)

Prerequisite: None

Credit Hours: 3

Involves both preliminary and follow-up investigations. Fundamentals of reconstructing a chronological sequence of events as to what, when, where, how, and why a crime was committed are examined, including searching, collecting, preserving, evaluation, and cross-comparison of physical and oral evidence within the framework of accepted procedural and constitutional laws.

CRIM 119 (5550) Interview and Report Writing

Prerequisite: Placement in English Composition I

Credit Hours: 3

An examination of report writing as a process, with emphasis on the chronological sequence of events, form, and written expression to present a clear, concise, and accurate account of the incident, development of the field notebook in investigations, recording details of the search, recovery of evidence, conducting interviews and interrogations, and recording relevant facts and details for the purpose of reference, accountability, and presentation in court.

CRIM 120 (5578) Courtroom Testimony

Prerequisite: None

Credit Hours 1

This course explains how to present a winning case in court and avoid credibility destroying tactics. It also provides examples of winning techniques needed to become comfortable, confident, and effective on the witness stand.

CRIM 125 (5559) Probation and Parole

Reading Placement Test Level: -Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

An in-depth analysis of the duties of the probation and parole officer and his or her relationship to the corrections field. Includes probation and parole techniques and the pre-sentence investigation.

CRIM 131 (5553) Community Policing

Reading Placement Test Level:- Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

Examines the relationship between law enforcement agencies, ethnic groups, news media, and other segments of the public. Also includes the community's perception of the police officer and methods of minimizing conflicts. Explores public relations problems and their effect on law enforcement.

CRIM 133 (5555) Rape Victimology (IO)

Prerequisite: None

Credit Hours: 3

Introduces many important aspects of rape and the consequences associated with the act. The fear of increasing crime, the lack of safety, the disbelief in the criminal justice system, and the social, legal, and medical aspects of the crime will be studied.

CRIM 135 (5565) Criminal Procedures I

Reading Placement Test Level: Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Provides a background of operational procedures in Kansas law. Sets forth those procedures necessary for the understanding of legal proceedings pertaining to laws of arrest, search, and seizure and the admissibility of evidence. Introduces basic courts system procedures and the jurisdiction of the courts.

CRIM 137 (5557) Criminal Law

Prerequisite: CJ 5551 Introduction to Administration of Justice

Credit Hours: 3

Reviews the Kansas Criminal Codes and defines the various statutory offenses, with special emphasis upon the Bill of Rights and laws of arrest. Also examines the recent trends in Supreme Court decisions, the rights of individuals in a free society, and limitations on the police by the Constitution.

CRIM 138 (5563) Juveniles in the Criminal Justice System

Reading Placement Test Level:-Reading For Academic Success Required*

Prerequisite: None

Credit Hours: 3

A study of Kansas laws pertaining to juveniles. Reviews the historical reasons for the establishment of juvenile courts in the U.S., examines the juvenile justice process, and introduces the functions of the various components of the system, sociological concepts, theory of the adolescent subculture, and delinquency prevention aspects.

CRIM 140 (5572) Internship in Criminal Justice (IO)

Prerequisite: Criminal Justice concentration with 45 credit hours of the program requirements and approval of LCC's Criminal Justice Coordinator

Credit Hours: 3

Relates the theory given in the classroom to practical problems in the administration of justice.

CRIM 141 (5573) Corrections Internship (IO)

Prerequisite: Corrections, Probation, and Parole concentration with 45 credit hours of the program requirements and approval of LCC's Criminal Justice Coordinator

Credit Hours: 3

This course is designed to give the student working experience and knowledge of the corrections system.

The student will actually work in a correction department within the county under the direct supervision of the department head. They will be required to write a paper on all aspects of the department.

CRIM 142 (5556) Seminar in Police Science (IO)

Prerequisite: None

Credit Hours: 1

Covers differing topics in police science. May be repeated for credit as long as the subject matter is different.

CRIM 127 (5570) Police Defense Tactics

Reading Placement: Test Level: Reading Essentials Required

Prerequisite: None

Credit Hours: 1

This course covers fundamental methods of protection against persons who are resistive and combative, handcuffing, and restraint of prisoners and the mentally ill. The course is needed by local agencies and students to help prevent injury both of the officers and the prisoner by teaching proper apprehension techniques.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Culinary Arts

CULI 101 (3000) Perspectives of Hospitality Management

Prerequisite: None

Credit Hours: 3

This course will provide students with current information on topics relevant to career exploration, employment and operational specifics of the various segments of the hospitality industry. Students will explore tourism, lodging, food and beverage and related industries, along with the operational characteristics. Students will also identify current events and trends along with evaluating the impact on the hospitality industry. This course identifies and explores career opportunities and includes the professional profiles and job search materials directly related to the hospitality industry.

CULI 103 (3001) Food Service Sanitation

Prerequisite: None

Credit Hours: 1

In this course students will learn the basic principles of providing and serving safe food. Safe food-handling procedures necessary to manage a sanitary and safe food service operation in compliance with the National Food code and the National Restaurant Association will be taught. Students will complete the Serve Safe Sanitation exam. Passing students will receive a national sanitation certification.

CULI 105 (3002) Supervisory Management

Prerequisite: None

Credit Hours: 3

In this course students will learn the basic supervisory management skills, management styles, motivation with an emphasis on human relations, delegation, training evaluation and communication. This course also covers the hiring and firing functions within FLSA guidelines.

CULI 110 (3003) Professional Cooking I

Prerequisite: CULI 103 Food Service Sanitation

Credit Hours: 3

This is the first of two courses in professional cooking methods. In this course, students will learn skills in basic cooking methods, recipe conversion, and professional food preparation and handling. The student will also be able to operate common food service equipment used in commercial kitchens.

CULI 111 (3004) Professional Cooking II

Prerequisite: CULI 103 Food Service Sanitation CULI 110 Professional Cooking I

Credit Hours: 3

This is the second of two courses in professional cooking methods. In this course students will continue to develop professional cooking skills in the savory kitchen, the pastry shop and the cold kitchen. Students should be able to demonstrate the skills necessary to prepare standard menu items, to prepare basic convenience baked products, and to prepare basic garde manger items after completing this course. The class will include menu planning for plated and buffet meals. Students will also learn how to make frozen desserts and intermezzo ices, identify different cheese and other specialty items.

CULI 120 (3005) Menu Design and Planning

Prerequisite: CULI 110 Professional Cooking I

Credit Hours: 3

In this course students will learn the basic knowledge of menu design and planning. This course will cover the topics of menu layout, selection and development, price structures and the theory of menu design. A minimum of 15 hours a week is required in a supervised work situation in an approved area of the hospitality industry. Work experience is concurrent but does not necessarily concentrate on the subject being taught in the course.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

CULI 123 (3006) Hospitality Management: Purchasing

Prerequisite: None

Credit Hours: 3

This course is an overview of purchasing techniques and specification writing for commodities used in the hospitality industry. Student will learn decision-making skills in the areas of quality, quantity, specifications, and general value analysis. Two hours in class and a minimum of 15 hours a week are required in a supervised work situation in an approved area of the hospitality industry. Work experience is concurrent but does not necessarily concentrate on the subject being taught in the course.

CULI 125 (3007) Nutrition and Meal Planning

Prerequisite: None

Credit Hours: 3

In this course students will learn the basic food groups, using them in meal planning, their functions and their nutritional values. Current trends in eating, this course covers diets and exercise, as well as fad diets, life-cycle nutritional needs, and the effects of nutrient intake on growth and development will also be covered. This is a required course for the food and beverage program and the chef apprenticeship program.

CULI 130 (3008) Human Resource Management

Prerequisite: CULI 105 Supervisory Management

Credit Hours: 3

In this course students will examine hospitality in human resource management. Special emphasis will be on both the skills involved in counseling, interpersonal relations and different management theories, as well as the skills involved in the legislative aspects of managing people. This course will also concentrate on how to manage managers.

CULI 135 (3009) Food Management

Prerequisite: CULI 110 Professional Cooking I

Credit Hours: 3

Seminar in Hospitality Management: Menu Planning & admission to the hospitality management program. This course provides an overview of restaurant management practices used in the hospitality industry. Students will demonstrate the components of menu planning and various styles of food services used for different occasions.

CULI 138 (3010) Food Service Sales and Marketing

Prerequisite: None

Credit Hours: 3

In this course students will receive detailed information in distinguishing the difference between marketing, sales, promotion, advertising and merchandising. The student will also develop and quantify the cost of a marketing plan. Students are required to be employed 15 hours per week in a job related to the hospitality industry.

CULI 139 (3011) Baking Principles

Prerequisite: None

Credit Hours: 3

In this course students will learn about bakeshop production as it relates to the basic principles of ingredients, measurements, mixing, proofing, baking and final presentation. The student will also be able to identify the different types of baking equipment used to prepare bakeshop products.

CULI 140 (3012) Introduction to Catering

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 3

In this course students will learn about the different types of catered events within the hospitality industry. Topics covered are: the importance of marketing, contract writing, food production, room arrangements and required personnel relative to specific catered events.

CULI 145 (3013) Culinary Arts Internship I

Prerequisite: None

Credit Hours: 3

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation.

CULI 146 (3014) Culinary Arts Internship II

Prerequisite: CULI 145 Culinary Arts Internship I

Credit Hours: 3

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation.

Drafting

DRAF 105 (5309) Computer Aided Drafting I

Prerequisite: COMP 110 Computer Concepts and Applications or equal Computer experience

Credit Hours: 3

This course will teach the student how to prepare engineering drawings using CAD software. The software is AutoCAD for Windows. The student will learn to be proficient in the use of the software, be able to take a picture on paper and convert it to an electronic copy. The student will be expected to develop acceptable skills in the use of CAD software. Some of the areas covered will be – use of software and hardware, drawing and object lines, editing commands, placing text on a drawing, drawing multiple entities, use of layers and line types, dimensioning, text editing and copying files to and from the computer.

DRAF 106 (5730) Computer Aided Drafting II

Prerequisite: COMP 105 Computer Aided Drafting I

Credit Hours: 3

This course will teach the student how to prepare engineering drawings using CAD software. It is a continuation of Computer Aided Drafting I. The software utilized will be AutoCAD for Windows. Basic AutoCAD commands will be reviewed. Advanced commands will be stressed. The course is designed for the person who has been exposed to a CAD system. More advanced methods will be utilized for the following function; drawing lines, drawing objects, editing commands, test, layers line types, dimensioning, and file management.

INDU 131 (5303) Engineering Graphics I

Prerequisite: None

Credit Hours: 3

An orientation to the field of drafting, including care and use of instruments and media, lettering, freehand sketching, orthographic drawings, dimensions, pictorial drawing.

INDU 132 (5303) Engineering Graphics II

Prerequisite: INDU 131 Engineering Graphics I

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Credit Hours: 3

A study of intersections of solids, surfaces, conic sections, and graphical solution of vector problems.

Introduction to computer graphics software and hardware and interactive creation and editing of data files.

Economics (ECON)

ECON 101 (2249) Issues in Today's Economy

Reading Placement Test Level -Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

Issues in Today's Economy is designed to be a practical guide to the economy for non-concentrations. The course emphasizes important current issues in both the macro and micro economy such as inflation and unemployment, national defense, taxes and deficits, discrimination, pollution, welfare, and the global economy.

ECON 203 (2241) Macroeconomics

Reading Placement Test Level- Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

Introduces the student to the principles of macroeconomics. It will lead the student through the workings of an economic system - with major emphasis on the United States economic system. The course will cover topics such as supply and demand relationships on a national scale, the relationship between economic activity with the money and banking system, unemployment, inflation, productivity, distribution of income, and economic growth.

ECON 204 (2242) Microeconomics

Reading Placement Test Level :Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

Introduces the student to the principles of microeconomics. It will concentrate on matter of individual decision making. The course will cover such topics as consumer choice, supply and demand relationships in markets, the theory of the firm within perfect competition, monopoly, monopolistic competition, and oligopoly market structures, labor unions, labor legislation, anti-trust policies, and international trade.

ECON 110 (2243) Free Enterprise I

1 Credit Hour

ECON 111 (2244) Free Enterprise II

1 Credit Hour

ECON 201 (2245) Free Enterprise III

1 Credit Hour

ECON 202 (2246) Free Enterprise IV

1 Credit Hour

Prerequisite: None

Open to any student regardless of major and in conjunction with Students in Free Enterprise (SIFE), students enrolled in Free Enterprise will develop, innovate, and implement an assortment of projects and programs that foster the principles of free enterprise while helping local businesses and the community. Students will develop leadership, teamwork, communication, project management, and networking skills that will help them compete in a free market society.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Education

EDUC 101 (1314) Child Abuse / Neglect: Recognition and Reporting

Prerequisite: None

Credit Hours: 1

This is an online course offered. The Kansas Children's Service League in cooperation with SRS and KDHE has developed this course, and it is only available online. Students enrolled in this course will be able to define the various types of abuse and neglect, and identify signs and symptoms of the different types of abuse and neglect. Students will also learn who is a mandated reporter and what the penalties are for those who do not report child abuse and neglect.

EDUC 102 (1955) Preparation for Science

Prerequisite: None

Credit Hours: 1

Overall goal of this course is to help students prepare for beginning chemistry, biology, or physics courses. It is intended to be taken concurrently or before taking science courses. Course content includes study skills, review of basic algebra, and learning to use scientific and graphing calculators and Excel. A PLATO module on scientific reading can be studied in place of learning to use graphing calculators and Excel. (PLATO is a tutorial on the computer.)

EDUC 107 (0823) Administration & Organization of Child Care Programs

Prerequisite: None

Credit Hours: 3

A study of theory applied to early learning child care and child development service programs and systems, strategies in organizational development, and issues in management.

EDUC 110 (5275) Child Development

Reading Placement Test Level :Reading For Academic Success *

Prerequisite: None

Credit Hours: 3

Child Development is a study of the physical, emotional, social, and intellectual development of children from conception through age 8.

EDUC 111 (1315) Understanding Multiple Intelligences and Children's Learning Styles

Prerequisite: None

Credit Hours: 1

This is only available online. Students enrolled in this course will understand Howard Gardner's theory of nine multiple intelligences, as well as understand how these learning styles are affected by the environment, physiology, processing, emotions, and social choices. Students will also learn practical information on how to create educational environments by applying activities that utilize the different learning styles. Finally, students will learn about their own personal teaching styles as well as gain strategies for using activity pre-planning sheets and multiple intelligences in everyday life. The Kansas Children's Service League in cooperation with SRS and KDHE has developed this course.

EDUC 114 (0806) Caring for Children with Handicaps

Prerequisite: None

Credit Hours: 1

Child care providers learn the needs and behavioral consequences of children with handicaps. Introduces strategies to handle daily needs.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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EDUC 115 (1355) Positive Behavior Support for Young Children

Prerequisite: None

Credit Hours: 1

This course is designed for early childhood teachers, parents, and other adults working with children who display challenging behavior. The course will identify methods for preventing problem behavior, as well as develop effective interventions for the most severe forms of problem behavior.

EDUC 116 (0839) Family Day Care

Prerequisite: None

Credit Hours: 3

Family day care providers learn how to create a psychologically and physically safe learning environment for children.

EDUC 117 (0933) Understanding Children's Temperament

Prerequisite: Internet access and an E-mail Account

Credit Hours: 1

Temperament differs from other individual attributes such as intelligence, motivation or interests. Those describe what people do and why they do it. Temperament refers to how they do it. Participants in this training will receive an overview of the nine temperament traits and the variety of influences on temperament styles. Challenging temperaments including the flexible, fearful, and feisty styles will be discussed. Participants will assess a child's temperament as well as their own temperament to compare for a goodness of fit. This course is instructor-led and interactive through discussions and assignments in course discussion boards.

EDUC 120 (1316) Creating Positive Settings for Children and Families

Prerequisite: None

Credit Hours: 1

This is an online course offered by the Kansas Children's Service League in cooperation with SRS and KDHE has developed this course, and it is only available online. Participants in this training will understand how children's "mental health" is affected by life events, culture, environment, biology, and relationships and that these aspects serve as roads to understanding the impact that room arrangements, labeling, and comfortable settings have on children and caregivers. Finally, participants will learn strategies for working with families to create a healthy atmosphere for children by using a method of knowing, informing, discussing with, and supporting families, trying everything together to create positive settings for children and families in child care. This course is instructor-led and interactive through discussions and assignments in course discussion boards.

EDUC 124 (0913) Infant and Toddler

Prerequisite: Concurrent Enrollment in EDUC 125 Infant and Toddler Lab

Credit Hours: 3

This course is designed for teachers, child care professionals, and other adults working with infants and toddlers in care giving settings including child care centers, family child care homes, and home-based child services such as Early Head Start. It will be taken concurrently with the Infant and Toddler Lab course. The course will focus on respectful care giving of infants and toddlers - a concept introduced and promoted by Magda Gerber and widely taught throughout the United States in Wes Ed PITC (Program for Infant Toddler Care) institute trainings. Emphasis on child care routines as curriculum for infants and toddlers is a core concept in this course.

EDUC 125 (0932) Infant and Toddler Lab

Prerequisite: Concurrent Enrollment in EDUC 124 Infant and Toddler

Credit Hours: 1

This course is designed for teachers, child care professionals, and other adults working with younger children. Students will participate in observations of Infants and Toddlers in the child's natural

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

environments. The focus will be on identifying developmental milestones and developmentally appropriate behaviors and skills. These will be recorded in portfolios as tools for assessment and documentation of the child's development.

EDUC 127 (1308) Preschool Child

Prerequisite: Concurrent Enrollment in EDUC 128 Preschool Child Lab

Credit Hours: 3

Designed for teachers, parents, and other adults to gain more understanding for and become more aware of the opportunities that exist to promote learning as they guide preschool age children.

EDUC 128 (1309) Preschool Child Lab

Prerequisite: Concurrent Enrollment in EDUC 127 Preschool Child

Credit Hours: 1

Designed for teachers, parents, and other adults to observe and thus become more aware of the opportunities that exist to promote learning as they guide preschool age children.

EDUC 134 (0842) Preprofessional Lab

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 1

An introductory lab experience in teach education. To help in understanding the role of the teacher and the school, students will be assigned to public schools in the area to assist the classroom teacher in almost all phases of classroom activity except teaching. Duties may include tutorial experience, taking class attendance and playground duty, etc.

EDUC 140 (0819) Introduction to Teaching

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course is designed to provide the student with a general knowledge of the teaching profession as it occurs in elementary and secondary education in the United States. Topics to be introduced will be as follows: the history of education, teaching methods, educational settings, and the roles of educational personnel.

EDUC 142 (0821) Early Childhood Education

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

An overview of early childhood education including the role of the preschool teacher, cultural environment, family relationships, parent education, and socioeconomic status.

EDUC 151 (0820) Children's Literature

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course is designed to familiarize students with the heritage, concentration genres, and criteria for evaluating children's literature; suggested selections of books for the elementary and middle school program, and methods of teaching literature among children in any setting.

EDUC 152 (0822) Children's Music

Reading Placement Test Level: Reading for Academic Success*

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Prerequisite: None

Credit Hours: 3

This course is directed toward students in the elementary education program. It is designed to show how music can be taught and integrated into other areas of the elementary classroom curriculum. Traditional areas of music instruction will be covered including fundamentals of music, singing, playing instruments, listening, moving to music, and creative experiences with music. In addition, we will study multicultural approaches to teaching and practice writing lesson plans focusing on the needs and interests of young children.

EDUC 154 (0831) Art Education

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course is designed to help art education and elementary education concentrations build an understanding of children's art and develop an art curriculum for their classroom that provides quality art experiences for every child. Emphasis will be placed on lab work and experimentation of various art materials suitable for the classroom. Instruction is based on lecture, class discussion, and lab work.

EDUC 121 (1319) Cultural Competency

Prerequisite: Internet Access and E-mail Account

Credit Hours: 1

This course is only available online. Participants in this training will understand a variety of subcultures by learning about specific cultural norms, values, codes of conduct, traditions and child rearing practices of ethnic, cultural norms, values, codes of conduct, traditions and child rearing practices of ethnic, cultural and other groups served by programs. Participants will define cultural child-rearing practices as well as explore their own culture, attitudes and beliefs. This course is instructor-led and interactive through discussions and assignments in course discussion boards. The Kansas Children's Service League in cooperation with SRS and KDHE has developed this course.

EDUC 109 (1351) Child Development: Day Care and Preschool 1 Credit Hour

EDUC 113 (1352) Child Development: Social and Emotional Development 1 Credit Hour

EDUC 112 (1353) Child Development: Curriculum for Learning 1 Credit Hour

Prerequisite: None

Examines and analyzes day care and preschool strategies, social and emotional development of the preschool child, and curriculum for learning in the preschool.

EDUC 147 (1601) Information Literacy

Prerequisite: None

Credit Hours: 2

An introduction to library print and electronic resources such as Web catalogs, indexes, reference materials, electronic magazine databases, and the Internet. The students will learn to deal with information and how to effectively access, evaluate and use it in an ethical manner.

EDUC 149 (5920) Introduction to Online Teaching

Prerequisite: None

Credit Hours: 2

This eight-week course will introduce students to the principles and practice of online teaching. Through online discussion forums, assignments, and activities, members of the class will discuss various approaches to creating a high level, interactive Internet learning experience for students. By the end of the course, each student will have created a course map, assignments and assessments which can be used in the student's own online course.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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GEOG 101 (911) (ED) World Regional Geography
Reading Placement Test Level: Reading for Academic Success*
Prerequisite: None
Credit Hours: 3

This course uses a world regional approach to geography. After learning the conceptual framework of geography, we will apply these concepts to specific regions of the world. Focusing on selected countries as case studies, the class will examine the ways in which the geographic environment molds peoples and nations. The themes of development and conflict will be stressed as they relate to the various regions of the world.

English

English as a Second Language (ESL) courses are listed
in the Student Success Center section of the catalog.

ENGL 95 (1554) Writing Essentials

Prerequisite: English Placement Test (Native Speakers of English)
English Placement Test and TOEFL score of 520 (Non-Native Speakers of English)
Credit Hours: 3

This course helps students obtain the skills they need to succeed in English Composition I. Serving those students who do not feel comfortable with their present composition skills or those whose tests scores show inadequate preparation for college composition, the course focuses on sentence level concerns, and it emphasizes the importance of writing clear, well-organized paragraphs. (Developmental Course)

ENGL 96 (1543) Writing For Academic Success

Prerequisite: English Placement Test (Native Speakers of English)
English Placement Test and TOEFL score of 520 (Non-Native Speakers of English)
Credit Hours: 3

This course helps students obtain the skills they need to succeed in English Composition I. It provides guidance in the areas of traditional grammar and helps students understand what writing strategies are available to them. Also, students learn how to generate topics and to write clear, well-organized paragraphs, and to serve as responsive readers. (Developmental Course)

ENGL 101 (1513) English Composition I

Reading Placement Test Level: Reading for Academic Success*
Prerequisite: Placement Test Score
Credit Hours: 3

This course develops students' abilities in basic, written communication skills. It provides guidance in the areas of traditional grammar and communication logic and gives students practice in applying principles of exposition.

ENGL 102 (1514) English Composition II

Prerequisite: ENGL 101 English Composition I
Credit Hours: 3

This course continues to develop students' abilities in basic communication skills covered in English Composition I and introduces students to the techniques of research. In general, the class helps students master language and develop critical thinking and writing skills.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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ENGL 200 (1570) Creative Writing

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course gives students practice in creative writing. Instruction centers on the elements of style, techniques of structure, and the importance of observation, and opportunities for extensive reading in the genres. Students act as an audience and practice editing skills. In addition, students learn the steps involved in selling their work and in the publication process.

ENGL 206 General Literature

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This introduction to literature course is organized around three genres--short fiction, poetry, and drama--and the literary elements these genres have in common. Students will analyze individual texts to enhance their writing and critical thinking skills.

ENGL 208 (1520) Introduction to Western Literature

Reading Placement Test Level: No reading required

Prerequisite: None

Credit Hours: 3

This course examines selected poems, plays, and short essays from the ancient world to the Renaissance. It emphasizes how these literary works have influenced Western thought.

ENGL 212 (1523) Introduction to Literature I: Poetry and Drama

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course increases students' general competence in literature and language and helps them develop analytical skills that can heighten the experience of reading a poem or play.

ENGL 213 (1524) Introduction to Literature II: Prose and Fiction

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course stresses the reading and analysis of selected short stories and novellas to give students an understanding of the craft of fiction.

ENGL 217 (1540) The Novel

Reading Placement Test Level: No reading required

Prerequisite: None

Credit Hours: 3

This course introduces students to the genre of the novel and gives them the opportunity to study selected, representative British and American novels. In general, this course aims to help students cultivate an appreciation of the novel.

ENGL 219 (1541) Film Appreciation

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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This course introduces students to the language of film, to its cultural dimensions, and to its history. Students study individual films as genre pieces, learn to judge visual images, and become aware of the aesthetic aspects of film.

ENGL 222 (1525) Explorations in Literature (IO)

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: Instructor Permission

Credit Hours: 3

This course gives students the opportunity to explore a specific theme, author, or genre. Because this course is taught by arrangement, students must have the instructor's permission to enroll.

ENGL 215 (1539) Science Fiction (IO)

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course gives students the opportunity to explore the science fiction genre in relation to changing technology and to explore parallel trends in literature, art, and film.

LEAR 95 (1553) Reading Essentials

Prerequisite: None

Credit Hours: 3

This course is designed to help students obtain the skills they need to succeed in college courses that are reading intensive. This course serves those students who do not feel comfortable with their present reading skills or those whose test scores show inadequate skills. A student receiving 54 or less on the COMPASS Reading Placement Assessment is required to take this course. Reading Essentials will focus on three of the five components of reading: fluency, comprehension, and vocabulary.

LEAR 96 (1717) Reading For Academic Success

Prerequisite: Reading Essentials and/or a score of 54 to 74 on Compass Reading

Credit Hours: 3

This course is designed to teach the student reading comprehension and critical thinking skills required to succeed in higher level reading intensive college courses. In this course, students learn to read and use information found in short passages, stories, poetry, drama, reviews of written works, directions, forms, and reports. The student will also be able to apply reading skills to the many genres of text.

HUMA 101 (5921) Introduction to the Humanities

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course is a basic introduction to the humanities and to the various disciplines it represents. In addition, it helps students understand the influences affecting the human experience and the role the humanities play in personal and cultural enrichment.

Financial Services

FINA 101 (0540) AIB: Principles of Banking

Reading Placement: Test Level: Reading Essentials *

Prerequisite: None

Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Money and Banking presents a fundamental treatment of how money functions in the U.S. and world economies. Topics include the concept of the money supply, the Federal Reserve System, the role banks play as a money creator and participant in the nation's payment mechanism. This course also explains how the various types of financial institutions operate, the working of monetary and fiscal policies, the role of a Central Bank and International Banking.

FINA 115 (0295) Professional Selling for Financial Service Agents

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

An introduction to the basic principles of sales stressing consultative style selling for financial service representatives including development of a marketing plan and managing a client's financial plan. Emphasis is placed on referral type selling, identification of client needs and wants, buying motives, handling resistance, closing the sale, team selling and providing financial advice before, during, and after the sale. Emphasis will be placed on presenting a marketing plan and role-playing exercise.

FINA 117 (0300) Introduction to Investments

Prerequisites: ACCT 112 Financial Accounting

Credit Hours: 3

Introduction to Investments is a course designed to assist the student in acquiring an overview of the securities industry. The course includes investment markets, investment vehicles and transactions, and investment planning and risk return. Specific vehicles such as equity securities, fixed income securities and convertible securities are analyzed and correlated with Portfolio Theory and Analysis.

FINA 119 (0591) Basic Marketing

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

For students who intend to specialize in marketing or in any specific segment of the marketing system such as marketing research, the basic course in marketing ordinarily is the foundation stone of the program in their area of specialization. A group of nonbusiness students for whom a basic marketing course typically is required includes those in fields as financial services, home economics, distributive education, and pharmacy. Finally, the beginning marketing course may be taken by nonbusiness students on a purely elective basis simply because of their general interest in the field, or, for the general purposes of broadening their outlook and learning something about our business system.

FINA 126 (0298) Financial Management

Prerequisite: ACCT 112 Financial Accounting **and** AC CT 114 Managerial Accounting

Credit Hours: 3

Financial Management enables a student to obtain a working knowledge needed to apply the financial decision making process to a manager's financial operating decisions for his or her organization. Emphasis is placed on financial terminology, investment portfolios, risk, as well as the decision making process needed for both short and long term business financing. The course also provides the student with a working knowledge and understanding of stock and bond markets, interest rates, dividend policies, forecasting and project financial evaluation.

FINA 129 (0297) Introduction to Financial Planning

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

Introduction to Financial Planning introduces students to the importance of financial planning. Students will gain specific knowledge of various financial products and learn to assess a client's financial needs by evaluating current financial situations using net worth, rate of savings, and cash flow. Students will also

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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examine how personal factors such as risk tolerance, goals, and time frame affect a client's investment decisions.

FINA 131 (0299) Life, Accident, and Health Insurance

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

Life, Accident, and Health Insurance examines life, accident, and health insurance simultaneously, from the viewpoints of the buyer, the advisor, and the insurer. The course offers a thorough examination of life insurance company operations and regulations. Explaining how the life, accident, and health insurance products fit into the broad framework of financial planning from a financial management perspective, it now strengthens its treatment of fundamentals with more economic and financial theory and helps clarify the industry's global standing with numerous comparisons between U.S. and International practices.

FINA 150 (0306) Pre-Licensing Series 6 Limited Representative

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

The Pre-Licensing Series 6 Limited Representative course is offered to prepare the student for the Series 6 examination sponsored by the National Association of Securities Dealers (NASD), who sponsors the Series 6 examinations, does not approve nor disapprove of this course for learning purposes. Included in this course is the study of securities and securities markets, investment companies, prospectus regulations, annuities and variable contracts, retirement plans, rules and regulations, client accounts, investment recommendations, and brokerage office procedures.

FINA 151 (0303) General Securities Registered Representative Pre-Licensing Series 7

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

Pre-Licensing Series 7 General Securities Registered Representative is a course that enables students to prepare for the Series 7 examination sponsored by the National Association of Securities Dealers (NASD). The NASD, who sponsors the Series 7 examinations, does not approve nor disapprove of this course offering. The course is designed to measure accurately and reliably the degree to which each candidate possesses the knowledge, skills, and abilities needed to perform the critical functions of a registered representative (RR). This course covers Options, Regulations, Equities, New-Issues, Investment Analysis, Taxes and Tax Shelters, Investment Companies, Trading Markets, Customer Accounts, Debt Securities, Equity Securities, Government Securities, Direct Investments, and Margin Accounts.

FINA 201 (0296) Money and Banking

Prerequisite: ECON 203 Macroeconomics and ECON 204 Microeconomics

Credit Hours: 3

Money and Banking is a course designed to provide the student with a broad-based knowledge of the inner workings of the U.S. Banking system. The course is the study of the way in which money is created in a modern 21st century economy. It is the story of how the banking system "creates" money with the assistance of and under the influence of any nation's Central Bank, in the United States, The Federal Reserve System. The course discusses the tools of Monetary Policy available to the central bank. The role of the public and its government play in the process of the creation and circulation or flow of money is also an integral part of the course. Finally, the role of financial intermediaries and their history and the role of the financial markets is surveyed.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Fire Science

FIRE 101 (5651) Introduction to Fire Science

Prerequisite: None

Credit Hours: 3

An introduction to fire science and fire protection. Includes career opportunities in fire protection and related field; history of fire protection; fire loss analysis; public, quasi-public, and private fire protection services; specific fire protection functions; and fire chemistry and physics.

FIRE 104 (5665) Seminar in Fire Science

Prerequisite: None

Credit Hours: 3

The purpose of this course is to expose fire fighters to new and changing techniques in the field of fire science. The field of fire science changes rapidly due to the technological advances in equipment and apparatus. This course will prepare fire fighters currently in the field to keep abreast of the latest technology, equipment, and procedures used to prevent and control fires.

FIRE 110 (5650) Essentials of Fire Fighting

Prerequisite: None

Credit Hours: 4

Development of skills required for basic fire fighting. Focus on the theory of fire protection and on identification and use of equipment. Three hours of lab and three hours of lecture each week.

FIRE 120 (5653) Fundamentals of Fire Prevention

Prerequisite: None

Credit Hours: 3

A study of organization and functions of fire prevention, inspection, surveying and mapping procedures, recognition of fire and life hazards, engineering as a solution of a fire hazard, enforcing the solution of a fire hazard, and public relations.

FIRE 117 (5659) Fire Investigation

Prerequisite: None

Credit Hours: 3

A study of skills required to determine the cause of a fire. Course does not deal with arson investigation, except as it relates to fire cause determination.

FIRE 122 (5660) Fire Apparatus and Equipment

Prerequisite: None

Credit Hours: 3

Fire apparatus design, specifications, and performance capabilities; effective utilization of apparatus in fire science emergencies.

Foreign Language

LANG 104 (1121) French I (IO)

Prerequisite: None

Credit Hours: 5

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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An introduction to French with emphasis on the study of grammar and creation of sentence structure. The course is designed to build vocabulary to 600 words and to enable students to use the language in proper grammar and pronunciation.

LANG 105 (1122) French II (IO)

Prerequisite: LANG 104 French I

Credit Hours: 5

A continuation of French I covering the final areas of grammar with emphasis on usage in the language, constructing conversations and paragraphs.

LANG 116 (1131) German I (IO)

Prerequisite: None

Credit Hours: 5

An introduction to the German language including German pronunciation and vocabulary.

LANG 117 (1132) German II (IO)

Prerequisite: LANG 116 German I

Credit Hours: 5

A continuation of German I, building vocabulary, comprehension, and conversation.

LANG 127 (1152) Spanish I

Reading Placement: Test Level: Reading Essentials *

Prerequisite: None

Credit Hours: 5

Spanish I is a five credit hour transfer course. Upon completion of the course, students will be able to pronounce, read, write, and understand basic Spanish phrases. Comprehension, oral, and written, will focus on “survival skills” in the target culture. Students will be able to ask directions, greetings, know dates, days of the week and months, tell time, and order food, etc.

LANG 128 (1153) Spanish II

Prerequisite: LANG 127 Spanish I

Credit Hours: 5

Spanish II is a five credit hour transfer course. Spanish II is a performance-oriented program designed to make the study of Spanish a flexible and personal experience. Upon completion of the course, students will be able to pronounce, read, write, and understand Spanish phrases and maintain a full conversation. Comprehension, oral and written, will focus on “survival skills” as well as exposure to Spanish literature such as poems and short stories. The student will be fully involved in the study of all tenses in Spanish (present, preterite, imperfect, future, conditional, and subjunctive) as well as the use of command forms both familiar and formal.

LANG 130 (1161) Russian I (IO)

Prerequisite: None

Credit Hours: 5

An introductory course designed to familiarize students with the basic knowledge elements necessary for listening, speaking, reading, and writing the Russian language and for understanding current Russian culture and society.

LANG 131 (1162) Russian II (IO)

Prerequisite: LANG 130 Russian I

Credit Hours: 5

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Russian II is a second semester course designed to familiarize students with the basic knowledge elements necessary for listening, speaking, reading, and writing the Russian language and for understanding of current Russian culture and society.

Geography

GEOG 101 (911) World Regional Geography

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

The first part of the course surveys the basic concepts of physical and human geography. In the remainder of the course these concepts are applied to a study of the major regions of the world.- The Americas, Europe, Asia, The Pacific, the Middle East, and Africa. Emphasis is placed on the themes of development, conflict, and globalization, with the goal of providing students the tools to develop informed perspectives on current global events. After an introduction to a general conceptual framework of geography, we will apply these concepts to specific regions of the world. Focusing on selected countries and geographic themes as case studies, the class will examine the ways in which the geographic environment molds peoples and nations. Special emphasis will be placed on global issues involving the environment, cultural/political conflict and economic development.

GEOG 102 (912) North American Geography

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This is a course about the human geography of the United States. It's emphasis is on the different peoples who occupy it and on the distinctive cultural sub-regions of which it is comprised. The course does pay a small amount of attention to physical geography, and also to the cultural conditions prevailing in the neighboring countries of Canada and Mexico, but in both instances the intent is to provide a more realistic context for understanding the human geography of the United States.

GEOG 202 Economic Geography

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course is an introduction to and overview of the spatial organization and growth of economic systems, and people's use and abuse of the earth's resources. Upon completion, students should have a basic understanding as to how society organizes its economic activity in space, how interregional differences in economic well-being may come about, and how such processes affect their own daily life and professional plans

Graphic Design

GRAP 101 (1145) Graphic Communication

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This is a basic course in writing copy for the graphic industry. Basic grammar rules and punctuation will be reviewed. Instruction will be given in research methods used by copy writers as well as digital methods of typesetting. Guidelines for combining image and type, writing effective headlines, slogans, and body copy for all type of print ads will be included. Communicating with a client and other graphic design professions (i.e., printers, typesetters, manufacturers, etc.) will be covered.

GRAP 202 (1141) Digital Photography

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

Learn to use a digital camera (yours or ours) along with scanning, studio lighting, and photo restoration. PhotoShop is your darkroom for resizing, cropping, and formatting for print and for web applications.

GRAP 107 (1099) Introduction to Desktop Publishing

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This introductory course into the Macintosh computer explores basic computer skills, with emphasis given to page layout for desktop publishing. Students will learn basic skills using design and illustration, photo-imaging, and page layout software.

GRAP 110 (1096) Drawing Fundamentals

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This course develops drawing skills necessary for the graphic designer. Emphasis is placed on a variety of black and white techniques useful in communicating to a mass audience. Proper use of line, form, value, perspective, and figurative techniques are studied.

GRAP 112 (1135) Two-Dimensional Design

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

An introductory course dealing with the elements and principles of design, perception, and spatial organization. Design concepts, materials, media, and graphic design processes are explored using traditional and digital methods.

GRAP 113 (1136) Three-Dimensional Design

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

An introduction to the depth, volume, and spatial organization as an additive to two-dimensional elements and principles of design. The evolution of form and the dynamics of structure are explored with various materials, techniques, and processes.

GRAP 118 (1117) Typography

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

An introduction to the theory and practice of typographic design. The principles of type are studied focusing on letterforms, point size, kerning, leading, and appropriate type selection. The study and identification of type families and categories will be emphasized. Students will learn the typographic elements and techniques by which they can effectively communicate to a mass audience. Instruction will consist of lecture, class discussion, and projects.

GRAP 120 (1028) Color Theory

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This course explains the basic principles of color as applied to pigment, light, and print. Color psychology, symbolism, manipulation, sensation, temperature, harmonies, and packaging stimulate further inquiry into

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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graphic design and client/sales persuasion. The course uses lecture, discussion, and color exercises to explore color theory and application.

GRAP 122 (1112) Illustration Techniques

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This course focuses on illustration as a communicative device in developing total design concepts to solve graphic problems of professional scope and complexity in a variety of media. Freelance illustration for all the design disciplines (fashion, graphics, product, interiors, and environmental) will be discussed as well as illustration trends in the field.

GRAP 128 (1097) Digital Animation

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

An introductory course in digital animation using Macromedia Flash software. Creating moving images in the swf file format specifically for use on the Internet will be featured.

GRAP 130 (1114) Mixed Media

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

An advanced course dealing with the relationship of the designer to different audiences. The potential of graphics as a vehicle for communication in signage, editorials, print, packaging, television, radio, and displays. Traditional and electronic media will be utilized to develop concepts specific to a client's needs and/or constraints. Design trends will be explored as pertaining to different graphic materials.

GRAP 151 (1113) Cartooning (IO)

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This course deals with a variety of illustration techniques as they apply to the field of cartooning. Drawing the human figure, multiple points of view and perspective, comic book styles, and various comic strips will be covered in this course.

GRAP 152 (1114) Graphic Communication Internship

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This course provides students a professional graphic design work experience through a directed and evaluated internship within the community. On-the-job training will allow students to learn first-hand responsibilities including deadline, employer demands, bidding, pricing, working with a client, as well as become familiar with the environmental differences of an advertising agency, graphic design studio, or print production house.

GRAP 201 (1116) Professional Preparation

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

This course will deal with the development of a portfolio, resume, business card, letterhead, and personal logo in preparation for work in the field. Interviewing techniques, business practices, professional associations, resources, and job-seeking skills will be discussed.

GRAP 204 (1137) Digital Illustration

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This course will focus on using the Macintosh computer as an Illustrative/Graphic Design tool. Students will create graphics and illustrations using graphic specific software, i.e., Macromedia Freehand and/or Adobe Illustrator. The use of design and illustration is emphasized.

GRAP 206 (1140) Photo Editing Software

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This is an introductory course in photo-imaging using the computer, a scanner, a digital camera, and Adobe Photoshop software. Students will learn to create and manipulate photo images and incorporate those images into graphic design. Image quality and the use of photography in the design process will be emphasized.

GRAP 208 (1139) Website Design Software

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

This course will feature Macromedia Dreamweaver software. Students will learn about creating web pages and then create one for their online portfolios. These pages will be linked to the Labette Community College Graphic Design page for use by the students as a web presence for them as they seek employment.

GRAP 210 (1143) Digital Page Layout

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

Using QuarkXPress as the platform students will incorporate graphics, scanned images, digital photography and text into advanced design projects. Concept development, design quality, and effectiveness of communication will be emphasized.

GRAP 216 (1138) Production Art

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 3

Students will study the fundamentals of preparing text and artwork to be sent to the printer. Traditional and digital methods to produce mechanicals will be explored. Communication with the printer or service bureau will be discussed.

Healthcare

HEAL 101 (5280) Cardiopulmonary Resuscitation

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Credit Hours: 0.5

A complete course of Basic Life Support (BLS), which includes facts about heart attack, prevention, signs, symptoms, management, learning and performing CPR techniques, chest compression, mouth to mouth, and the Heimlich Maneuver techniques.

HEAL 104 (5488) CPR/First Aid

Prerequisite: None

Credit Hours: 1

This course is designed to teach the basic levels of the first aid and CPR for the layperson until medical help arrives. This course will help individuals recognize emergencies and make appropriate decisions regarding care.

HEAL 107 (1366) Paid Nutrition Assistant

Prerequisite: 8th grade level reading test according to Compass **or** Reading Essentials

Credit Hours: 1

State approved course which prepares the student to assist residents with eating in an adult care home. The student must successfully pass the state competency test in order to pass the course. A certificate of completion of training will be awarded to the successful student.

HEAL 110 (5198) Psychology of the Aging Process

Prerequisite: None

Credit Hours: 1

This course is designed to examine the psychological and physical changes incurred during the aging process. In addition, the traumas of death and dying are discussed.

HEAL 112 (5197) Policy and Performance Skills

Prerequisite: None

Credit Hours: 1

This course is designed to familiarize participants with nursing home procedures and policies and their differences. The three types of communications are explained along with the techniques that might aide or hinder them. Resident's rights are also discussed.

HEAL 113 (2278) Activity Director Certification

Prerequisite: Concurrent enrollment in HEAL 112 Policy and Performance Skills **and** HEAL 110 Psychology of the Aging Process

Credit Hours: 1

Provides activity directors with an overview of the specialized service involved in the programming of activities for the aged. The aging process and its effects on activities, treatment, and management of the elderly will be presented.

HEAL 114 (2279) Social Service Designee Certification

Prerequisite: Concurrent enrollment in HEAL 112 Policy and Performance Skills **and** HEAL 110 Psychology of the Aging Process

Credit Hours: 1

This course is designed to provide social service designees with an overview of the specialized services involved in the programming of activities, treatment, and management of the elderly will be presented.

HEAL 115 (5465) Adult Care Home Operator

Prerequisite: None

Credit Hours: 2

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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This course is designed to provide operators of assisted living facilities, residential health care facilities, home plus, and adult day care facilities with information on the principles of assisted living. The aging process and its effect on activities, treatment, and management of the elderly will be presented. Participants who attend all sessions and successfully complete a comprehensive examination will meet the requirements to be an operator as established by the Kansas Department of Health and Environment.

HEAL 118 (5377) Topics in Long Term Care

Prerequisite: None

Credit Hours: 0.5

This course is designed to facilitate continuing education hours for employees of licensed long term care facilities. The topics of each inservice will change to meet the continuing education requirements of the State of Kansas.

HEAL 121 (5211) Nurse Aide: Geriatric

Prerequisite: Two-Step TB Skin Test and Compass Reading Test

Credit Hours: 6

This course prepares the student to take the state examination for nurse aide certification. Identify and apply in the clinical setting the basic concepts and principles of resident welfare, safety, psychosocial needs of residents, resident rights, rehabilitation, and legal and ethical responsibilities. Apply the knowledge of basic disease process, aging process, and nursing procedures to the care of residents encountered in a long-term care facility.

HEAL 122 (5100) Certified Nurse Aide Bridge Course

Prerequisite: Must be Certified Physical Therapist Assistant **or** Registered Occupational Therapist Assistant

Credit Hours: 2

Prepares individuals who are certified physical therapy assistants (CPTAs) or registered occupational therapy assistants (ROTAs) to meet the nurse aid requirements in the state of Kansas. To be certified as a nurse aide, the CPTA/ROTA must successfully complete the course, the skills check list, and the state of Kansas certified nurse aide examination.

HEAL 129 (1853) Home Health Aide

Prerequisite: Must be Certified Nurse Aide (CNA)

Credit Hours: 1

Prepares student to take the state examination for Home Health Aide. Familiarizes the student with the functions and purposes of home health agencies and prepares the student to work as a home health aide. Tasks performed by the home health aide may include but are not limited to: assisting the client to bathe, dress and groom; safely assisting clients in ambulation; maintaining a record of services provided as well as observations of the apparent status of client's condition; preparing and serving foods following specialized diets; cleaning the client's environment including changing of bed linens and laundry tasks; and performing a variety of miscellaneous duties as prescribed in a written plan of care.

HEAL 131 (5212) Medication Aide

Prerequisite: Two-Step TB Skin Test and Must be Certified Nurse Aide (CNA); Compass Reading Test

Credit Hours: 5

Prepares student to take the state examination for medication aide certification. Designed to provide skills essential for the administration, care, and handling of medications that are for oral ingestion and external application. Emphasis will be placed on current medications and their effects on the elderly. In addition, this course includes overmedication and drug abuse, drug-drug and drug-food interactions, Drug Classification Update, regulations, and legal considerations of administering drugs.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

HEAL 132 (5221) Medication Aide Recertification

Prerequisite: Must be Medication Aide

Credit Hours: 1

A review of skills essential for the administration, care, and handling of medications. Required every two years by state regulations.

HEAL 142 (5213) Emergency Medical Technician – Basic (EMT-B)

Prerequisite: Compass Reading Test

Credit Hours: 10

Develops student skills in recognizing symptoms of illness and injuries and proper procedures of emergency care. Prepares the student to take the state examination for Emergency Medical Technician certification. Students should be able to lift 100-150 pounds.

HEAL 143 (5223) Emergency Medical Training – Intermediate (EMT-I)

Prerequisite: HC 5213 Emergency Medical Technician – Basic

Credit Hours: 5

Designed to maintain certification of the Emergency Medical Technician. This course will advance the skills of EMTs in the assessment of critically ill and injured patients. The course will instruct EMTs in proper protocol in initiating and maintaining intravenous fluid therapy.

HEAL 144 (5214) Emergency Medical Technician Refresher Seminar I

Prerequisite: Must be Kansas Certified First Responder or Higher

Credit Hours: 1

Designed to maintain certification of the Emergency Medical Technician.

HEAL 148 (5200) First Responder

Prerequisite: Compass Reading Test

Credit Hours: 6

This course is designed for individuals that are interested in providing basic life support medical care to patients in the pre-hospital setting. It will provide the student with the opportunity to gain information, skills, and attitudes necessary to gain certification as a First Responder in the State of Kansas. This course provides training in basic pre-hospital medical care for those who are pat to be on the scene of an emergency prior to an advance life support ambulance and/or a paramedic or EMT. The First Responder course is meant to make the student proficient in the delivery of basic emergency medical care at a level deemed appropriate by the Department of Transportation and the Kansas Board of EMS. Completion of this course ends with the final practical and written test. The state examination and certification are done on the students' own and are not part of the course. Passing the course does not guarantee state certification.

HEAL 149 (5099) First Responder to EMT – Basic Bridge

Prerequisite: Must be Kansas Certified First Responder

Credit Hours: 6

This course identifies objectives fully covered, partially covered, or not covered in the First Responder curriculum, as modified by the Kansas Board of Emergency Medical Services, necessary for an EMT-B initial course of instruction

Students must meet the requirements outlined in K.A.R. 109-11-13 and 109-11-8. Participants successfully completing this training are eligible to take the National Registry EMT-B written examination and the state practical examination.

HEAL 151 (5819) Advanced Cardiac Life Support (ACLS)

Prerequisite: None

Credit Hours: 1

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

This course is designed to provide the participant with the skills to respond to acute cardiovascular situations in and out of the hospital setting.

HEAL 163 (5190) Preparation for Pharmacy Technician Certification

Prerequisite: Working experience or consent of instructor

Credit Hours: 3

This course is designed to train the student to work in a pharmacy under the supervision of a licensed pharmacist and is organized around three major areas: assisting the pharmacist in serving patients, medication distribution and inventory, and operations. This course prepares the student to take the national Pharmacy Technician Certification Board (PTCB) examination.

History

HIST 101 (2251) American History To 1877

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

A survey of the social, political, cultural, diplomatic, and economic development of North America, the British colonies, and the United States from before the arrival of Europeans to 1877.

HIST 102 (2252) American History Since 1877

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

A survey of the social, political, cultural, diplomatic, and economic development of the United States from 1877 to the present..

HIST 103 (2253) World Civilizations To 1500

Reading Placement Test Level: No reading required

Prerequisite: None

Credit Hours: 3

A survey of world civilizations from prehistory to about 1500 C.E. The civilizations of the Ancient Near East, India, China, Greece, Rome, Ancient America, the Muslim world, and Medieval Europe will be compared through their politics, religions, philosophies, societies, economics, and cultures.

HIST 104 (2254) World Civilizations Since 1500

Reading Placement Test Level: No reading required

Prerequisite: None

Credit Hours: 3

This course is a survey of world civilizations from prehistory to about 1500 C.E. The civilizations of the Ancient Near East, India, China, Greece, Rome, Islam, Africa, And Medieval Europe will be compared through their politics, religions, philosophies, societies, economics, and cultures. To better understand our place in the emerging gloval society we must understand our place in the emerging global society we must understand the world's variety of cultures and civilizations. How and why did human civilization arise in the first place? What are the differences and similarities between these civilizations? Why have some civilizations flourished, while others have faded or been destroyed? In answering these and other questions, this course aims to shed some light on our current ("Western Civilization") and it's future.

HIST 108 (2210) Current World Affairs

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Credit Hours: 3

This course is an in-depth study of current events, trends and developments that affect daily life. In this course, we explore broad forces at play in the world: international economics, national interests, military power, nationalism, ethnicity, the environment and human rights. We will discuss world events as they unfold before our eyes and seek to understand them in light of their historical context. Students will leave this class with both a vision of the world's vast political landscape and the ability to better understand the multitude of events that comprise that landscape.

HIST 119 (2262) Explorations in History

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 1-3

These are history courses that focus on a particular historical field, time period, or topic. Previously offered courses include: *European History, American Indian History, African-American History, and Women's History.*

HIST 201 (2260) Kansas History

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

A Political, social, cultural, and economic survey of Kansas history from before the arrival of Europeans to the present day, emphasizing how the history of Kansas fits in to the larger scope of American history.

Home Economics

FCS 103 (1304) Consumer Education (IO)

Prerequisite: None

Credit Hours: 3

Consumer education involves a number of current issues including advertising, better buymanship, credit, insurance, investments, taxes, and government control.

FCS 108 (1354) Family Law (IO)

Prerequisite: None

Credit Hours: 3

An introduction to the concentration aspects of family law, subject matter includes marriage regulations, equality of spouses, abortion, establishing paternity, adoption, parental authority and custody, child support, child neglect and abuse, divorce, alimony, and separation agreements.

FCS 115 (5201) Foster Parent Training (IO)

Prerequisite: None

Credit Hours: 1

Helps prospective foster parents to understand the role of temporary parents and caregivers. Assists foster parents in understanding dysfunctional families and children who come from these homes.

FCS 141 (1305) Foods for Today (IO)

Prerequisite: None

Credit Hours: 1

Fundamentals of food purchasing, preparation, and meal service with emphasis in nutritional adequacy and management. Lab work included.

FCS 143 (1360) Food for Man (IO)

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 3

This is a study of man's food supply and resources throughout the world, and a study of the developments in foods and nutrition and the implication of proper nutrition for world populations.

FCS 150 (1300) Interior Design (IO)

Prerequisite: None

Credit Hours: 3

A study of types of housing, architectural styles, principles of designing a house, including criteria for selecting and evaluating floor plans. Detailed discussion of the principles and elements of design as they apply to backgrounds and furnishings. Other topics: furniture types and arrangements, window planning selection and treatments, floor coverings, lighting, accessories, and low-budget decorating.

Management

BUAD 115 (0432) Principles of Management

Prerequisite: None

Credit Hours: 3

Introduction to the management functions of planning, organizing, leading/motivating, and controlling.

MNGM 126 (0305) Foundations of Small Business

Prerequisite: None

Credit Hours: 3

This course provides a framework for the planning process in small business beyond the usual financial planning.

MNGM 157 (0308) Management Seminar

Prerequisite: None

Credit Hours: 3

This course will provide students with an opportunity to study topics of special interest to them.

MNGM 161 (0584) Personnel Management

Prerequisite: None

Credit Hours: 3

A study of different aspects of the human resources function as it relates to providing business with a capable workforce and ensures the employees have programs that provide adequate compensation, benefits, and a safe and healthy work environment.

Managing Human Resources for Business/Industry

MNGM 103 (5455) Quality Assurance for Supervisors

Prerequisite: None

Credit Hours: 3

Provides the first line supervisors with an understanding of the Quality Assurance function as it relates to inspection requirements, product quality problem resolution, product improvement, and customer satisfaction.

INDU 105 (5456) Business & Industry Safety for Supervisors

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Prerequisite: None

Credit Hours: 3

Provides the first line supervisor in business and industry with an understanding of the safety and health hazards in the workplace and the methods to provide employees a safe and healthy work environment.

MNGM 152 (5329) Leadership Training Techniques I

Prerequisite: None

Credit Hours: 3

Develop effective management/leadership skills through the study of various management philosophies, team building concepts, and the leadership characteristics of past and present prominent leaders.

MNGM 172 (5350) Supervision I

Prerequisite: None

Credit Hours: 3

This course is designed for prospective or practicing first-line supervisors. The course covers the basic management functions of planning, organizing, leading, and controlling. The student will be provided insight as to how the work environment and human relationships of employees determine the role of the supervisor as part of the organization's management team.

Manufacturing

INDU 109 (5316) Blueprint Reading (Manufacturing)

Prerequisite: None

Credit Hours: 3

This course covers the interpretation of blueprints: visualizing the shape of objects from mechanical drawings, identifying different parts of the object in different views, knowing the size of any part of the object as taken from the drawing, identifying the name of common parts called for on the drawings, and knowing what kind of material and how many pieces of each part are required.

INDU 158 (0807) Introduction to Quality Control I

Prerequisite: None

Credit Hours: 3

An introduction to total quality control and the concentration benefits it brings to a modern organization. The course provides an understanding of the systems approach to quality, the economics that govern cost-effective systems management, how quality is organized, and how fundamental issues are involved in organizing.

INDU 164 (5700) Welding I

Prerequisite: None

Credit Hours: 3

This course will offer students basic principles of arc, mig, and oxyacetylene welding. The study of machines, electrodes, wires, metals, use of cutting torch, arc welders, wire welders, oxyacetylene practices as well as safety will be practiced.

INDU 165 (5701) Welding II

Prerequisite: INDU 164 Welding I **or** approval of instructor

Credit Hours: 3

This course will offer students advanced principles of arc, mig, and oxyacetylene welding. The study of machines, electrodes, wires, metals, use of cutting torch, arc welders, wire welders, oxyacetylene practices as well as safety will be practiced.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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INDU 125 (5311) Fundamentals of Electronics I

Prerequisite: Applied Mathematics or Algebra

Credit Hours: 3

Study of the basic skills in electricity and electronics including equipment use, basic electronic formulas, and receiving basic skills to enter the electronics field.

Mathematics

MATH 88 (0811) Foundations of Math

Prerequisite: Placement Test Recommendation

Credit Hours: 3

This course is designed to help students improve their mathematical skills in the areas of whole numbers, fractions, decimals, measurement, and percents. The basic operations of addition, subtraction, multiplication, and division will be stressed in all areas. (Non transferable)

MATH 106 (1707) Applied Mathematics

Prerequisite: Placement Test Recommendation *or*

C or better in MATH 88, Foundations of Math

Credit Hours: 3

This course is designed to help vocational students and other career minded students develop and refine job-related mathematical skills. The course includes material on arithmetic operations, problem solving techniques, estimation of answers, measurement skills, and geometry.

MATH 96 (1717) Beginning Algebra

Prerequisite: Placement Test Recommendation *or*

C or better in MATH 88, Foundations in Math

Credit Hours: 3

This course will build skills in basic algebra concepts. Topics covered in the course will include the basic language and terms of algebra, rules for signed numbers, techniques for solving linear, quadratic, and literal equations, rules and properties of exponents as applied to algebraic expressions, and the graphing and solving of linear equations and linear systems in two unknowns. (Non transferable)

MATH 100 (1718) Intermediate Algebra

Prerequisite: Placement Test Recommendation *or*

C or better in MATH 96, Beginning Algebra

Credit Hours: 3

This course will continue on from MATH 96 Beginning Algebra to cover properties of relations and functions, properties of radicals and radical expressions, properties of rational expressions, solving quadratic equations using root extraction and the quadratic formula, and extending and building graphing concepts from lines to basic polynomial functions. (Non transferable)

MATH 111 (1713) Mathematics for Education

Prerequisite: Placement Test Recommendation *or*

C or better in MATH 100, Intermediate Algebra

Credit Hours: 3

This course is designed to provide a foundation of theory for many of the concepts found in the current elementary and middle school mathematics classroom. This course will examine topics related to the Real Number system, such as set theory, logic, probability theory, and statistics, all from a problem solving approach. The use of technology (e.g. calculator, the Internet, etc.) as tools for problem solving and research will be an integral part of the course.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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MATH 115 (1719) College Algebra

Prerequisite: Placement Test Recommendation *or*

C or better in MATH 100 Intermediate Algebra

Credit Hours: 3

This course continues from MATH 100 Intermediate Algebra to cover and extend the properties of functions and their inverses, properties and graphs of the exponential and logarithmic functions, graphing techniques for general higher order polynomials and rational functions, and various solution techniques for solving higher order linear systems of equations. Topics on sequences and series will be presented as time permits. Use of technology such as the graphing calculator and some computer packages will be incorporated into the course.

MATH 120 (1720) Elementary Statistics

Prerequisite: Placement Test Recommendation **or** MATH 115 College Algebra

Credit Hours: 3

This course is an introduction to fundamental statistical concepts and techniques with computer capability for applying these techniques to data. Includes descriptive statistics, nonparametric statistics, sampling techniques, hypothesis testing and other statistical inference.

MATH 122 (1722) Introduction to Analytical Processes

Prerequisite: Placement Test Recommendation of MATH 125 Trigonometry or higher or successful completion of MATH 115 College Algebra with a C or better.

Credit Hours: 3

This course will begin with a review of algebra skills. It will introduce topics in elementary linear algebra including vectors and vector operations with respect to business applications. It will also introduce topics in differential and integral calculus. The optimization of functions using the derivative of both single and multivariate functions is presented. Throughout the course emphasis will be given to practical applications in business management and accounting.

MATH 125 (1730) Trigonometry

Prerequisite: Placement Test Recommendation **or** MATH 115 College Algebra

Credit Hours: 3

This course will cover the basic trigonometric functions on the right triangle and extend to rules for solving non-right triangles. Trigonometric identities will be derived and proven. Complex numbers and applications to the sciences will be presented. This course should be taken by any student needing to take Calculus I who has not yet had any exposure to the trigonometric functions. This course is recommended for any student needing to take physics and is required for most pre-engineering and engineering programs.

MATH 127 (1746) Business Calculus (IO)

Prerequisite: Placement Test Recommendation of MATH 125 Trigonometry or higher or successful completion of MATH 115 College Algebra with a C or better.

Credit Hours: 3

This course begins with a review of basic algebra skills. The course includes the operation of differentiation of single and multi-variable functions. The power, sum and difference, product, quotient, and chain rules for differentiating various functions will be covered. The course will then cover the anti-derivative and various methods of integrating functions. Emphasis will be given to applications in the fields of business and accounting.

MATH 130 (1751) Calculus I

Prerequisite: Placement Test Recommendation **or** MATH 115 College Algebra

Credit Hours: 5

The first course in the calculus sequence will cover the concepts of limits and continuity of polynomial, rational, trigonometric, and exponential functions. The concept of rates of change and the derivative will

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

be applied to these functions. The course will come to a close with the concepts of the anti-derivative and properties and definition of the definite integral. This course is required of any student seeking a degree in physics, mathematics, engineering, chemistry, and other related fields at a four-year institution.

MATH 131 (1752) Calculus II

Prerequisite: MATH 130 Calculus I

Credit Hours: 5

This second course in the calculus sequence will cover the concepts of limits as applied to transcendental functions. Various substitution techniques for evaluating integrals will be presented. Problems involving areas, volumes of surfaces, and moments will be developed and solved. The course will cover sequences and series and look at properties of convergence and divergence. There will be an introductory look at differential equations and coverage of polar coordinates and parameterized curves. This course is required of any student seeking a degree in physics, mathematics, engineering, chemistry, and other related fields at a four-year institution.

MATH 201 (1753) Calculus III

Prerequisite: MATH 131 Calculus II

Credit Hours: 5

This third course will complete the calculus sequence. The course will cover infinite sequences and series and test of convergence and divergence. The calculus of multivariable functions, partial derivatives, and optimization of higher dimensional surfaces will be covered. The theory and use of vector-valued functions to calculus will be presented. Problems of areas, volumes, and moments will be extended to three-dimensional space and solved using multiple integration techniques (including the line integral, Stoke's Theorem, and Green's Theorem in vector fields). This course is required of any student seeking a degree in physics, mathematics, engineering, chemistry, and other related fields at a four-year institution.

MATH 202 (1740) Differential Equations

Prerequisite: MATH 201 Calculus III

Credit Hours: 3

This course will include solution techniques for the standard ordinary differential equations of the first and second order (with some generalization to higher order equations). Power series solution techniques for linear equations with constant coefficients will be presented. Solution of differential equations using the Laplace Transform will be presented. Applications to geometry and the physical science will be presented and covered. This course is required of any student seeking a degree in physics, mathematics, engineering, chemistry, and other related fields at a four-year institution.

Music

MUSI 101 (1051) Music Appreciation

Prerequisite: None

Credit Hours: 3

This is a survey course in basic fundamentals of music, and from this foundation moving into a better understanding of styles and music from different periods in history. The main purpose is for students to gain a broader understanding of and appreciation for many types and styles of music. We will also see how music is influenced by social, religious, political, and scientific advancements happening in the world at any given time.

MUSI 103 (1063) Music Literature

Prerequisite: None

Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

An in-depth study of music from medieval to contemporary periods. Emphasis is on stylistic analysis of significant musical works from each period. Designed for music concentration and minors.

MUSI 104 (1092) History of Jazz and Rock

Prerequisite: None

Credit Hours: 3

This is a survey course that shows the logical musical derivatives and developments of jazz and rock music. At the same time the course will identify and listen to the important elements that compose the individual styles of jazz and rock music as they evolved from era to era.

MUSI 124 (1163) Recorder Ensemble

Prerequisite: None

Credit Hours: 1

This course provides students with the opportunity to rehearse and perform recorder literature for both pleasure and improved musical knowledge.

MUSI 125 (1164) College Band I

Prerequisite: None

Credit Hours: 1

The course will provide students with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. Performances are given at the College and for various organizations throughout the community. College Band will combine with the Community Band for various concerts.

MUSI 126 (1165) College Band II

Prerequisite: College Band I

Credit Hours: 1

This course will be a continuation of College Band I.

MUSI 127 (1040) College Choir I

Prerequisite: None

Credit Hours: 1

The College Choir provides students with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. Performances are given at the college, and for various organizations throughout the community. The College Choir combines with the Community Choir for various concerts.

MUSI 128 (1087) College Choir II

Prerequisite: MUSI 127 College Choir I

Credit Hours: 1

This course is a continuation of MUSI 127 College Choir I and provides students with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. Performances are given at the college, and for various organizations throughout the community. The College Choir combines with the Community Choir for various concerts.

MUSI 129 (1046) College Orchestra I

Prerequisite: None

Credit Hours: 1

This course provides interested persons with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. One can either enroll for credit or can simply come and play for the enjoyment of making music.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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MUSI 130 (1077) College Orchestra II

Prerequisite: MUSI 129 College Orchestra I

This course is a continuation of MUSI 129 College Orchestra I and provides interested persons with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. One can either enroll for credit or can simply come and play for the enjoyment of making music.

MUSI 132 (1045) Community Chorus

Prerequisite: None

Credit Hours: 1

The Community Chorus provides interested persons with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. One can either enroll for credit or can simply come and sing for the enjoyment of joining others in song.

MUSI 133 (1093) Community Orchestra

Prerequisite: None

Credit Hours: 1

The Community Orchestra provides interested persons with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. One can either enroll for credit or can simply come and play for the enjoyment of making music.

MUSI 134 (1036) Folk Instrument Ensemble

Prerequisite: None

Credit Hours: 1

This course provides students with the opportunity to rehearse and perform folk instrument literature for both pleasure and improved musical knowledge.

MUSI 135 (1090) Pep Band

Prerequisite: None

Credit Hours: 1

This course provides interested persons with the opportunity to rehearse and perform popular music for athletic events.

MUSI 136 (1129) Percussion Ensemble

Prerequisite: None

Credit Hours: 1

This course provides students with the opportunity to rehearse and perform percussion ensemble literature for both pleasure and improved musical knowledge.

MUSI 137 (1095) Explorations in Music

Prerequisite: None

Credit Hours: 1

This course is designed to give students an opportunity to explore a variety of musical areas or to continue an in-depth study in one chosen area. This exploration of music will help to foster creative and aesthetic growth as well as expand the student's knowledge of the various aspects of music. Areas of course emphasis include private instruction in voice, guitar, piano, woodwind, brass, percussion, or string.

MUSI 138 (1026) Fundamentals of Music

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 1-2

This course develops the fundamental skills necessary for reading music and understanding rhythm and melody. This course prepares the non-music reader for Music Theory I or CM Music Theory I. 2 Credit Hours

MUSI 139 (1320) Ear Training and Sight Singing I

Prerequisite: Concurrent enrollment in MUSI 142 Music Theory I

Credit Hours: 2

This is the beginning ear training and sight singing course and incorporates basic ear training skills including hearing melodies, harmonies, and rhythms and sight singing skills including singing intervals and rhythms.

MUSI 141 (1321) Ear Training and Sight Singing II

Prerequisite: MUSI 139 Ear Training and Sight Singing I and

Concurrent enrollment in MUSI 143 Music Theory II

Credit Hours: 2

This is the second level of ear training and sight singing course and includes listening skills for melodies, harmonies, rhythms, and transcriptions, and sight singing skills for accurate pitch and rhythms when performing melodies, canons, and duets.

MUSI 142 (1053) Music Theory I

Prerequisite: Concurrent Enrollment in MUSI 139 Ear Training and Sight Singing I

Credit Hours: 4

This is the beginning college music theory class and incorporates the basic fundamentals of written music with the use of the keyboard. Beginning ear training skills including hearing melodies, harmonies, and rhythms are also included.

MUSI 144 (1047) Community Band

Prerequisite: None

Credit Hours: 1

This course provides interested persons with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. One can either enroll for credit or can simply come and play for the enjoyment of making music.

MUSI 170 (1027) Opera/Musical Theatre Workshop

Prerequisite: None

Credit Hours: 1

Through participation in this course, the student will: gain an understanding of opera and musical theatre as an art form, develop methods for studying an operatic/musical theatre character and discovering the musical and dramatic elements which relate to this character, recognize good operatic/musical theatre singing techniques, develop an increased skill in stage movement techniques, a familiarity with staging, vocabulary, and procedures and an ability to perform in class and for the public.

MUSI 213 (1166) College Band III

Prerequisite: College Band II

Credit Hours: 1

This course will be a continuation of College Band II.

MUSI 214 (1167) College Band IV

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Prerequisite: College Band III
Credit Hours: 1
This course will be a continuation of College Band IV.

MUSI 215 (1088) College Choir III
Prerequisite: MUSI 127 College Choir II
Credit Hours: 1
This course is a continuation of MU 1087 College Choir II and provides students with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. Performances are given at the college, and for various organizations throughout the community. The College Choir combines with the Community Choir for various concerts.

MUSI 216 (1089) College Choir IV
Prerequisite: MUSI 215 College Choir III
Credit Hours: 1
This course is a continuation of MU 1088 College Choir III and provides students with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. Performances are given at the college, and for various organizations throughout the community. The College Choir combines with the Community Choir for various concerts.

MUSI 217 (1078) College Orchestra III
Prerequisite: MUSI 130 College Orchestra II
Credit Hours: 1
This course is a continuation of MU 1077 College Orchestra I and provides interested persons with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. One can either enroll for credit or can simply come and play for the enjoyment of making music.

MUSI 218 (1079) College Orchestra IV
Prerequisite: MUSI 217 College Orchestra III
Credit Hours: 1
This course is a continuation of MU 1078 College Orchestra I and provides interested persons with the opportunity to rehearse and perform worthwhile literature for both pleasure and improved musical knowledge. One can either enroll for credit or can simply come and play for the enjoyment of making music.

MUSI 220 (1055) Music Theory III
Prerequisite: Music Theory II 154
Credit Hours: 1
This is a continuation of Music Theory II. Study includes diatonic harmony, borrowed and secondary dominant chords, Neapolitan 6th and augmented 6th chords, rondo, theme, and variation, sonata and contrapuntal forms, and analysis of four-part open scores. 3 Credit Hours

MUSI 221 (1039) Music Theory IV
Prerequisite: MUSI 220 Music Theory III
Credit Hours: 3
This is a continuation of Music Theory III. Study includes chromatic harmony; 9th, 11th, and 13th chords; altered dominants; twelve-tone technique; and analysis of styles related to the romantic period, post-romantic period, and the contemporary period. The student will also analyze full orchestral scores.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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MUSI 225 (1322) Ear Training and Sight Singing III
Prerequisite: MUSU 141 Ear Training and Sight Singing II
Credit Hours: 2

This is the third level of ear training and sight singing and incorporates melodic, harmonic, and rhythmic dictation skills with more advanced pitch and rhythmic singing skills.

MUSI 226 (1323) Ear Training and Sight Singing IV
Prerequisite: MUSI 225 Ear Training and Sight Singing III
Credit Hours: 2

This is the fourth level of ear training and sight singing and incorporates advanced melodic, harmonic, and rhythmic dictation skills with advanced pitch and rhythmic singing skills.

HUMA 101 (5921) Introduction to the Humanities
Prerequisite: None
Credit Hours: 3

This course serves as a basic introduction to the humanities and to the various disciplines it represents. In addition, it helps students understand the influences affecting the human experience and the role the humanities play in personal and cultural enrichment.

EDUC 152 (0822) Children's Music
Prerequisite: None
Credit Hours: 3

This course is directed toward students in the elementary education program. It is designed to show how music can be taught and integrated into other areas of the elementary classroom curriculum. Traditional areas of music instruction will be covered including fundamentals of music, singing, playing instruments, listening, moving to music, and creative experiences with music. In addition, we will study multicultural approaches to teaching and practice writing lesson plans focusing on the needs and interests of young children.

Private Music Instruction

All students are encouraged to take private lessons regardless of ability. The student will receive an entry assessment upon which a course of study will be determined.

Anyone who desires to transfer the credit to another institution (music concentrations, minors, or for elective transfer credit) should sign up for the private lesson or lessons of his or her choice of his/her choice. Private lessons receive letter grades.

Anyone taking lessons simply for his or her enjoyment and aesthetic growth and does not plan to use the credit as a transfer credit should sign up for **MUSI 137 Explorations in Music**. Any instrument can be studied in **MUSI 137 Explorations in Music** but the student receives a pass/fail grade rather than a letter grade.

MUSI 111 (1993) Private Voice I

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Prerequisite: None
Credit Hours: 1

MUSI 112 (1994) Private Voice II
Prerequisite: MUSI 111 Private Voice I
Credit Hours: 1

MUSI 114 (0921) Private Piano I
Prerequisite: None
Credit Hours: 1

MUSI 115 (0922) Private Piano II
Prerequisite: MUSI 114 Private Piano I
Credit Hours: 1

MUSI 116 (1059) Private Percussion I
Prerequisite: None
Credit Hours: 1

MUSI 117 (5505) Private Percussion II
Prerequisite: MUSI 116 Private Percussion I
Credit Hours: 1

MUSI 119 (1168) Private Brass II
Prerequisite: MUSI 118 Private Brass I
Credit Hours: 1

MUSI 120 (1069) Private Strings I
Prerequisite: None
Credit Hours: 1

MUSI 121 (1176) Private Strings II
Prerequisite: MUSI 120 Private Strings I
Credit Hours: 1

MUSI 122 (1057) Private Woodwind I
Prerequisite: None
Credit Hours: 1

MUSI 123 (1180) Private Woodwind II
Prerequisite: MUSI 122 Private Woodwind I
Credit Hours: 1

MUSI 137 (1095) Explorations in Music
Prerequisite: None
Credit Hours: 1

MUSI 161 (1084) Private Guitar
Prerequisite: None
Credit Hours: 1

MUSI 201 (1996) Private Voice III
Prerequisite: MUSI 112 Private Voice II
Credit Hours: 1

MUSI 202 (1997) Private Voice IV

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Prerequisite:
Credit Hours: 1 MUSI 201 Private Voice III

MUSI 203 (0923) Private Piano III
Prerequisite: MUSI 115 Private Piano II
Credit Hours: 1

MUSI 204 (0924) Private Piano IV
Prerequisite: MUSI 203 Private Piano III
Credit Hours: 1

MUSI 205 (1173) Private Percussion III
Prerequisite: MUSI 117 Private Percussion II
Credit Hours: 1

MUSI 206 (1174) Private Percussion IV
Prerequisite: MUSI 205 Private Percussion III
Credit Hours: 1

MUSI 207 (1169) Private Brass III
Prerequisite: MUSI 119 Private Brass II
Credit Hours: 1

MUSI 208 (1170) Private Brass IV
Prerequisite: MUSI 207 Private Brass III
Credit Hours: 1

MUSI 209 (1177) Private Strings III
Prerequisite: MUSI 121 Private Strings II
Credit Hours: 1

MUSI 210 (1178) Private Strings IV
Prerequisite: MUSI 209 Private Strings III
Credit Hours: 1

MUSI 211 (1181) Private Woodwind III
Prerequisite: MUSI 123 Private Woodwind II
Credit Hours: 1

MUSI 212 (1182) Private Woodwind IV
Prerequisite: MUSI 211 Private Woodwind III
Credit Hours: 1

MUSI 220 (1055) Private Brass I
Prerequisite: None
Credit Hours: 1

Nursing Education

NURS 103 (5483) Surviving Nursing School (IO)

Prerequisite: None

Credit Hours: 0.5

This course is designed to familiarize students with effective time management, study habits, test-taking strategies, learning styles, and critical thinking skills. Introduction to web-enhanced instruction will be done, and students will have time to practice skills taught.

NURS 105 (5476) Principles of Nursing Leadership & Management (IO)

Prerequisite: None

Credit Hours: 0.5

This is the first of nine modules covering all aspects of leadership and management for nurses in hospitals, health departments, long-term care facilities, and other facilities in which personnel and resources must be organized and managed to provide quality health care.

NURS 107 (5481) Funding and Keeping Nurses (IO)

Prerequisite: None

Credit Hours: 0.5

This is the third of nine modules covering all aspects of leadership and management for nurses in hospitals, health departments, long-term care facilities, and other facilities in which personnel and resources must be organized and managed to provide quality health care.

NURS 106 (5480) Human Relations for Nurse Managers (IO)

Prerequisite: None

Credit Hours: 0.5

This is the second of nine modules covering all aspects of leadership and management for nurses in hospitals, health departments, long-term care facilities, and other facilities in which personnel and resources must be organized and managed to provide quality health care.

NURS 110 (5479) Legal Issues for Nursing (IO)

Prerequisite: None

Credit Hours: 0.5

This course will examine the legal issues confronting nurses in professional practice. There will be an analysis of ethical implications on legal issues. Subjects ranging from malpractice, negligence, and patient care will be discussed. The student will also learn defensive practice strategies and litigation prevention as a part of this course.

NURS 112 (5486) Phlebotomy

Prerequisite: None

Credit Hours: 1

This course is designed to teach health professionals or students techniques of proper venipuncture. A variety of classroom activities with laboratory practice will be offered. At the conclusion of the course, the participant will have a basic understanding of proper phlebotomy techniques. Participants will learn to successfully perform venipuncture using a variety of methods.

NURS 113 (5485) Physical Assessment (IO)

Prerequisite: None

Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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This course is designed to develop and refine physical examination and health assessment skills. Health assessment and health promotion methods will include variations for the culturally diverse individuals that seek health care. Modifications of examination technique and expected findings will be discussed across the life cycle. A variety of classroom activities with laboratory practice and critical thinking in health assessment will be offered.

NURS 115 (5489) Topics in Health Care

Prerequisite: None

Credit Hours: 3

This elective course for healthcare consumers or healthcare professionals covers a variety of topics. Courses developed for professional audiences are eligible for submission for approval for continuing education credit required for relicensure as an LPN or RN in Kansas.

NURS 116 (8041) Pharmacology for Healthcare Providers

Prerequisite: None

Credit Hours: 3

This course introduces the principles of pharmacology, drug classifications, and the effects of selected medications on the human body. The nursing process is used as the framework for ensuring safe and effective nursing care for clients across the lifespan.

NURS 117 (5484) Pathophysiology

Prerequisite: Anatomy and Physiology

Credit Hours: 3

This course is designed to better prepare students in the transition between learning content covered in basic anatomy and physiology courses and the study of disease processes studied in nursing, respiratory, and radiography courses.

NURS 118 (5490) IV Therapy for LPNs

Prerequisite: Current LPN Licensure

Credit Hours: 4

This course is designed to teach knowledge, skills, and competencies in administration of intravenous fluid therapy.

NURS 119 (5482) NCLEX-RN Review/Preparation (IO)

Prerequisite: None

Credit Hours: 3

This course will provide a comprehensive review for the National Council Licensure Examination for Registered Nurses (NCLEX-RN). It will explore expected nursing skills for each developmental stage of the life cycle. The course will also explore computerized adaptive testing, both in preparing for the NCLEX-RN exam and the test framework.

NURS 120 (5291) Fundamentals of Nursing

Prerequisite: Admission to Nursing Education Program

Credit Hours: 10

Introduces fundamental skills, concepts, and principles of biopsychosocial needs of individuals. The nursing process provides a foundation for holistic nursing care. Presents basic concepts of drug calculation, administration, and classifications of drugs and nursing implications. Drug calculation must be passed with 94% before clinical administration of medication. Identifies important aspects of the nursing profession, such as historical, ethical, and legal issues.

NURS 122 (5295) Medical-Surgical Nursing

Prerequisite: NURS 120 Fundamentals of Nursing and/or NURS 124 Family Nursing I

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 9

Presents holistic nursing care of medical-surgical clients with common health needs.

NURS 124 (5294) Family Nursing I

Prerequisite: NURS 120 Fundamentals of Nursing

Credit Hours: 3

Uses a family-centered approach to focus on the holistic nursing care of the child-bearing/rearing family.

NURS 126 (5287) Licensed Practical Nurse Bridge Course

Prerequisite: Valid LPN license from any state **and** completion of all first level general education courses

Credit Hours: 1

This course is required for all LPN advanced placement in LCC's Nursing Program. Course and clinical experience validates current knowledge and skills, plus provides new theory necessary to practice holistic nursing care as a registered nurse student.

NURS 151 (5475) Therapeutic Nutrition

Prerequisite: None

Credit Hours: 3

This course is designed as an introductory class to the science of nutrition for healthcare providers. Therapeutic nutrition in this course will include a study of the digestive system, and an in-depth study of the nutrient groups: carbohydrates, fats, proteins, vitamins, minerals, and water. By using therapeutic nutrition students will develop a perceptive of nutrients needed for normal growth and maintenance.

NURS 201 (5296) Mental Health Nursing

Prerequisite: NURS 120 Fundamentals of Nursing, NURS 124 Family Nursing I, **and** NURS 122 Medical-Surgical Nursing

Credit Hours: 4

A study of mental health nursing concepts, and an introduction to therapies used in providing holistic nursing care for the mentally ill.

NURS 203 (5298) Family Nursing II

Prerequisite: Completion of all Level I courses

Credit Hours: 4

Builds on the family-centered approach to provide holistic nursing care to the high-risk child bearing/rearing family.

NURS 205 (5297) Advanced Medical-Surgical Nursing

Prerequisite: NURS 120 Fundamentals of Nursing, NURS 124 Family Nursing I, NURS 122 Medical-Surgical Nursing,, NURS 201 Mental Health Nursing and NURS 203 Family Nursing II.

Credit Hours: 8

Presents the holistic nursing care of clients with acute health needs with focus on the role of the registered nurse Identifies opportunities for career and professional growth.

Office Technology

Otec 101 (0533) Keyboarding

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 1

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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This course is designed to develop the basic keyboarding skills of fluency and speed that will enable the students to process and obtain information on the computer. The students will learn the computer keyboard and the ten-key numeric keyboard by touch. Correct techniques of keyboarding are stressed throughout the course.

O TEC 102 (0587) College Keyboarding

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course is designed to develop machine control and mastery of the keyboard. The course emphasizes proper keyboarding techniques, accuracy, and speed, which can be applied to a variety of problems that the students are likely to meet in their personal life and/or in the business world.

O TEC 103 (0739) Microcomputer Applications I

Prerequisite: None

Credit Hours: 3

This course will teach the student specific areas of expertise in the computer area.

O TEC 104 (0740) Microcomputer Applications II

Prerequisite: O TEC 103 Microcomputer Applications I

Credit Hours: 3

This course will teach the student specific areas of expertise in the computer area.

O TEC 106 (0588) Formatting

Reading Placement Test Level: Reading for Academic Success*

Credit Hours: 3

Prerequisite: O TEC 102 College Keyboarding or One or more units of keyboarding in high school

This course is designed to review business document formats, to build speed and accuracy, and to use decision-making skills to evaluate document formats and mailability. Applying written communication skills and demonstrating quality and efficiency in production are emphasized.

O TEC 107 (0002) Medical Document Formatting

Prerequisite: O TEC 106 Formatting *or* one or more units of keyboarding in high school

Credit Hours: 3

This course is designed to expand the students' skill, proficiency and accuracy in the production of medical documents. Production activities include the keying of medical letter, memos, reports, tables, and forms. Emphasis is placed on correct techniques, efficient organization of work, proofreading, neatness and speed. The student will use Microsoft Word 2003 in this course.

O TEC 109 (0604) Office Machines (IO)

Reading Placement: Test Level : Reading Essentials *

Prerequisite: None

Credit Hours: 1

Desk model electronic calculators along with computers are used to produce a variety of information used in business to perform day-to-day operations, make decisions, and solve problems. Every student concentrating in office technology should have the basic skills and knowledge necessary to compile data and information accurately and rapidly using office machines. Students will develop skill using a 10-key adding machine by touch and using the numeric keypad of a computer. Students will be introduced to commonly used office equipment in this course.

O TEC 111 (0551) Records Management

Reading Placement Test Level: Reading for Academic Success*

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Prerequisite: None

Credit Hours: 2

This course is designed to present knowledge and skills that are needed in records management work. This course emphasizes the basic principles and procedures used in alphabetic, geographic, numeric, and subject filing methods for manual and automated records systems. Practice in application of filing rules is provided through the use of records management projects.

O TEC 113 (0523) Business Accounting

Prerequisite: None

Credit Hours: 3

Elementary accounting procedures including theory and practice associated with double-entry bookkeeping are introduced. Special emphasis is placed on the use of journal entries, accounting for and control of cash, and payroll accounting.

O TEC 115 (0502) Human Relations in Business

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

A behavioral science course designed to provide development of concepts and strategies about the behavior of workers and managers in an organizational environment.

O TEC 117 (0608) Word Processing Transcription

Prerequisite: O TEC 102 College Keyboarding, or one or more units of keyboarding in high school; O TEC 127 Transcription Skills.

Credit Hours: 2

This course is designed to teach effective transcription techniques. Emphasis is placed on the proper use of transcription equipment, correct use of punctuation, correct spelling, proofreading, and editing. The goal is to transcribe mailable copy in an appropriate time frame from material dictated on media.

O TEC 119 (0530) Business Math

Prerequisite: Placement test scores equivalent to MATH 106 Applied Mathematics

Credit Hours: 3

Business decision-making usually involves business math. Business Math provides a background of general and specific knowledge of business math concepts for those students who plan to enter business programs.

O TEC 121 (0557) Office Procedures

Prerequisite: O TEC 102 College Keyboarding or one or more units of keyboarding in high school.

Credit Hours: 3

This course is the study and development of personal qualities, skills, and knowledge needed for success in clerical occupations, including how to find and "land" the right office position, writing letters, using postal and shipping services, handling mail, filing, using the telephone, transmitting business messages, using banking and credit services, and handling financial transactions.

O TEC 122 (0536) Coordinated Office Training I

Reading Placement Test Level: Reading for Academic Success*

Credit Hours: 1-3

Prerequisite: Enrollment in an Office Technology Program **or** permission of instructor

This course is designed to offer the student the opportunity to receive on-the-job training in office-related career occupations. Students may receive training through paid employment (part-time or full-time), or an unpaid internship.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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OTEC 123 (0537) Coordinated Office Training II

Prerequisite: Enrollment in an Office Technology Program **or** permission of instructor

Credit Hours: 3

This course is designed to offer the student the opportunity to receive on-the-job training in office-related career occupations. Students may receive training through paid employment (part-time or full-time), or an unpaid internship.

OTEC 124 (5231) Medical Terminology

Prerequisite: None

Credit Hours: 3

This course will introduce the basic elements of medical terminology such as prefixes, suffixes, word roots, and combining forms. It will also survey terms pertaining to the study of radiology and the ability to understand the language of medicine.

OTEC 125 (5232) Advanced Medical Terminology

Prerequisite: OTEC 124 Medical Terminology

Credit Hours: 3

This course will build on the knowledge gained in the previous Medical Terminology course. The course will again be outlined by body systems focusing on terminology associated with disease processes, related procedures and pharmaceutical treatment methods. Strong emphasis will be placed on the correct usage and spelling of terms. The student should already have a firm base knowledge of suffixes, prefixes and root words.

OTEC 127 (0606) Transcription Skills

Prerequisite: None

Credit Hours: 1

The purpose of this course is to prepare the student for transcribing documents. Students will need to take the English Placement Test before enrolling in this course. This course will review common problems encountered when transcribing documents: grammar rules, commonly misspelled words, and correct word usage. In addition, students will gain practice in transcribing sentences, proofreading documents, and meeting mailability standards. The students will be introduced to the mechanics of machine transcription. After passing this course, the student will be ready to enroll in OTEC 132 Legal Transcription, OTEC 132 Medical Transcription, or OTEC 117 Word Processing Transcription.

OTEC 128 (0607) Medical Transcription

Prerequisite: OTEC 102 College Keyboarding, or one or more units of keyboarding in high school; OTEC 127 Transcriptions Skills.

Credit Hours: 2

Provides an overview of the medical transcription environment, the responsibilities of the transcriptionist, and the skills required. Focuses on the mechanics of transcription including transcription tools, the style and form of the transcriptionist, the various formats for medical reports, and medical terminology.

OTEC 131 (0003) Advanced Medical Transcription

Prerequisite: OTEC 128 Medical Transcription *and* OTEC 125 Medical Terminology

Credit Hours: 3

This course will build on the knowledge and expertise gained in the previous Medical Transcription course. This course will further the student's ability to perform medical transcription by increasing their knowledge of medical terminology, use of appropriate formatting and application of specialized rules of grammar and punctuation seen in transcribed medical reports. This course will focus on using medical terminology in the proper context, recognizing the appropriate drugs for the established disease process as well as increasing transcription speed and accuracy.

OTEC 132 (0605) Legal Transcription

Prerequisite: English Placement Test Recommendation; OTEC 127 Transcription Skills; OTEC 102 College Keyboarding or one or more units of keyboarding in high school.

Credit Hours: 2

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Introduces students to the various legal documents utilized by law firms, which are filed with the municipal court, a state or federal district court, or with a state or federal appellate court. Will create legal documents to be utilized by individuals, corporations, and government.

OTEC 133 (0609) Medical Coding

Prerequisite: OTEC 125 Medical Terminology **or** Medical Training

Credit Hours: 3

This course is designed to study the basic concepts of Current Procedural Terminology (CPT Coding) and International Classification of Diseases (ICD 9). The student will gain an understanding of the wide variety of functions these coding methods serve in the medical community and in administrative management of healthcare.

OTEC 134 (0610) Medical Coding II

Prerequisite: OTEC 133 Medical Coding **or** instructor permission

Credit Hours: 3

This course is designed to study the advanced concepts of Current Procedural Terminology (CPT Coding), International Classification of Diseases (ICD 9), and third party reimbursement. This course is designed to provide practical application of the coding process using health documentation from patient charts. The student will gain an in depth understanding of the wide variety of functions these coding methods serve in the medical community and in healthcare administration management care.

OTEC 135 (0565) Office Applications - Clerical Assistant

Prerequisite: OTEC 106 Formatting

Credit Hours: 3

Through a realistic job simulation, the student is introduced to clerical duties performed by a receptionist. The student will perform various duties: answer telephone calls, greet customers, make decisions and set priorities, proofread and edit copy, and complete forms. In addition, the student will be asked to prepare a formal job description of a receptionist.

OTEC 136 (0574) Office Applications - Administrative Assistant

Prerequisite: OTEC 106 Formatting

Credit Hours: 3

Through a realistic job simulation, the student is introduced to secretarial duties performed as an administrative assistant to a top executive. The student will make decisions, set priorities, maintain a tickler file, prepare tables and graphs, and compose correspondence. In addition, the student will be asked to prepare a formal job description of an executive secretary.

OTEC 137 (0576) Office Application - Medical

Prerequisite: OTEC 106 Formatting

Credit Hours: 3

Through a realistic job simulation, the student is introduced to the administrative routines of a doctor's office and will perform various activities including preparing patients' charts, taking telephone messages, scheduling appointments, organizing patient files, and transcribing medical tapes. In addition, the student will be asked to prepare a formal job description of a medical secretary.

OTEC 138 (0575) Office Applications - Legal

Prerequisite: OTEC 106 Formatting

Credit Hours: 3

Through a realistic job simulation, the student is introduced to secretarial duties performed in a small law firm. The student will produce and format various legal documents, become familiar with terminology used in the legal profession, machine transcribe legal correspondence, and get an overall view of the day-to-day operating procedures of a legal office. In addition, the student will be asked to prepare a formal job description of a legal secretary.

OTEC 140 (0507) Business English (IO)

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 3

Study of principles of effective business communications. Provides units in punctuation, capitalization, parts of speech, number-expressing principles, word division, and other aspects of word usage.

OTEC 141 (0004) Career Portfolio

Prerequisite: None

Credit Hours: 2

This course is designed to offer the student the opportunity to organize and collect materials in a visual format that tell others about themselves and showcase their skills, experiences, and abilities through the creation of a career portfolio.

OTEC 142 (0613) Pharmacology & Laboratory Medicine for Medical Transcription

Prerequisite: None

Credit Hours: 3

This course is one of the increasingly important basic sciences of medicine and healthcare. A study of the principles and language of pharmacology and laboratory medicine, including drug classes, diagnostic test, indications, techniques, expressions of values and significance of findings. This course teaches students to use pharmaceutical references in the research of spelling, routes of administration, identification of generic versus brand names, and therapeutic action of drugs relating to the body systems presented.

Paraprofessional and Developmental Disabilities

PARA 108 (5533) Behavior Supports Principles

Prerequisite: Concurrent enrollment in PARA 109 Behavior Management Laboratory

Credit Hours: 3

Teaches specific behavior management skills to be applied with individuals with exceptionalities in the accompanying practicum course emphasizing positive reinforcement techniques. Includes behavior definitions, measurement, selecting reinforcers, systematic attention and approval, token reinforcement, planned ignoring, and shaping.

PARA 109 (5532) Laboratory in Behavior Supports Principles

Prerequisite: Concurrent enrollment in PARA 108 Methods of Behavior Management

Credit Hours: 3

Provides experience in applying the skills discussed in PARA 108 Methods of Behavior Management and in assisting classroom teachers or vocational supervisors in training exceptional individuals. Supporting documents and direct observation by the instructor required as evidence of the student's ability to demonstrate behavior management skills with exceptional persons.

PARA 114 (5534) Behavior Support Principles II

Prerequisite: PARA 109 Behavior Management Laboratory **and** PARA 108 Methods of Behavior Management, **or** permission of instructor **and** concurrent enrollment in PARA 109 Instructional Management Laboratory

Credit Hours: 3

Provides basic direct instruction skills needed in teaching or training individuals with exceptionalities. Topics include instructional objectives, task analysis, skill measurement, reinforcement, and direct instruction strategies such as modeling, physical prompting, and questioning.

PARA 115 (5535) Laboratory Behavior Support II

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Prerequisite: PARA 109 Behavior Management Laboratory **and** PARA 108 Methods of Behavior Management, **or** permission of instructor **and** concurrent enrollment in PARA 114 Methods of Instructional Management

Credit Hours: 3

Provides an opportunity to practice and demonstrate instructional skills with individuals with exceptionalities in a practicum site. Supporting documents as well as direct observation by the instructor required.

PARA 120 (5526) Paraeducator I

Prerequisite: Employed by school district or interlocal

Credit Hours: 1

This one credit-hour course is divided into fourteen topical areas: Understanding Inclusion, The First Day on the Job, Confidentiality, Understanding the Many Types of Special Programs, Understanding the Many Areas of Disability and Exceptionality (Part I), Understanding the Many Areas of Disability and Exceptionality (Part II), Individual Student and Program Information, Introduction to Accommodations and Modifications, Supporting Modifications, General Classroom Management, Paraeducator Roles and Responsibilities in Inclusive Classrooms, Working with Official and Immediate Supervisors, Communicating with Student Teams, and Monitoring Student Progress.

PARA 121 (5527) Paraeducator II

Prerequisite: Paraeducator I Employed by school district or interlocal.

Credit Hours: 1

This one credit-hour course is divided into fourteen topical areas: Assertive Communication Skills, Classroom Instructional Arrangements, Taking Instructional or Behavioral Data, Supporting Reading Instruction, Supporting Writing Instruction, Supporting Mathematics Instruction, Supporting Organizational Skill Development, Providing Personal and Physical Support for Students with Physical Disabilities, Implementing and Monitoring Behavior Intervention Plans, Providing Positive Behavioral Supports for Individual Students, General Understanding of English Learners, (ELL), Avoiding Common Pitfalls When Working with English Language Learners, Fostering a Positive and Productive Classroom Environment, and Strategies and Techniques for Helping ELL Students Succeed.

PARA 122 (5579) Paraeducator III

Prerequisite: Paraeducator I and II Employed by school district or interlocal

Credit Hours: 1

This one credit-hour course is divided into eleven topical areas: Assessing ELL Students; Reading Comprehension: Narrative Texts; Reading Comprehension: Informative Texts; Reading Comprehension: Decoding and Layout; Writing Fundamentals: Parts of Speech and Sentences; Writing Fundamentals: Mechanics of Writing; Mathematics: Basic Skills; Mathematics: Fractions, Decimals, and Percentages; Mathematics: Basic Algebra; Mathematics: Geometry; and Mathematics: Data Analysis.

PARA 123 (5580) Paraeducator IV

Prerequisite: Paraeducator I, II, and III Employed by school district or interlocal

Credit Hours: 1

This one credit-hour course is divided into thirteen topical areas: Understanding Students with Severe and/or Multiple Disabilities, Autism: Diagnosis and Characteristics, Autism: Social Interactions and Skill Development, Autism: Communications Objectives, Autism: Behavioral Issues, Asperger's Syndrome: Understanding the Diagnosis, Prevalence, and Characteristics of Students with Asperger's Syndrome, Asperger's Syndrome: Best Practices for Supporting Students, Gifted Students: Characteristics, Gifted Students: Best Practices, Assisting Students in the Development of Social Skills, Transition: Building Skills for a Successful Adulthood, Assistive Technology, and Feeding Students with Severe and Multiple Disabilities.

PARA 124 (5581) Paraeducator V

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Prerequisite: Paraeducator I, II, III, and IV Employed by school district or interlocal
Credit Hours: 1

This one credit-hour course is divided into twelve topical areas: Blood Borne Pathogens; Introduction to Emergency Action Principles; Providing Care in Emergency; Using computers and Other Technology to Increase Learning; Characteristics of Adolescents with Disabilities; the Role of Paraeducators in Promoting Active Learning; Assisting Students with Work Completion; Supporting Students with Attentional Concerns; Supporting Students Who Are Noncompliant; Supporting Reading Instruction in Social Studies, Science, and Mathematics Part I and II; Assistive Technology: An Introduction to Devices and Software.

PARA 125 (5582) Paraeducator VI

Prerequisite: Paraeducator I, II, III, IV, and V Employed by school district or interlocal
Credit Hours: 1

This one credit-hour course is divided into eighteen topical areas: Working with Students with Low Vision; Working with Students Who Are Blind; Working with Students Who Are Deaf or Hard of Hearing; Supporting Students with Severe Emotional Disturbance; Strategies to Defuse a Defiant Student; Assisting Struggling Readers with Their Textbook Assignments; Positioning a Student for Microswitch Use; Adapting Microswitches and Battery-Operated Devices; Constructing a Simple Microswitch; Microswitches and Environmental Controls; Microswitch Use in the Classroom; Setting Up a Classroom for Assistive Technology Use; Understanding Early Childhood Disabilities; Developmentally Appropriate Practices in Early Childhood; Community-Based Instruction; Negotiation and Conflict Resolution Skills for Paraeducators; Students with Specific Learning Disabilities; Managing a Student in Crisis.

PARA 126 (5583) Paraeducator VII

Prerequisite: Paraeducator I, II, III, IV, V, and VI Employed by school district or interlocal
Credit Hours: 1

This one credit-hour course is divided into thirteen topical areas: Introduction to Earth Science: Geology and Astronomy; Introduction to Earth Science: Meteorology and Oceanography; Basic Data Analysis II; Teaching the Scientific Method; Basic Algebra II: Patterns and Equations; Basic Algebra II: Graphing, Proportions, and Ratios; Basic Geometry II: Angles and Triangles; Basic Geometry II: Circles and Transformations; Life Science; Probability; Supporting Students with Speech or Language Disabilities in the General Curriculum; Geologic History; Human Body Systems.

PARA 127 (5584) Paraeducator VIII

Prerequisite: Paraeducator I, II, III, IV, V, VI, and VII Employed by school district or interlocal
Credit Hours: 1

This once credit hour course is divided into fifteen topical areas: Mathematics: properties and Integers; Student Behavior: Noncompliance and Being Out of Seat; Student Behavior: Inappropriate Language and Inappropriate Touching; Customary Systems of Measurement: Metric Systems of Measurement; Brain-Based Learning (Part I); Brain-Based Learning (Part II); Characteristics of Young Adolescents; Understanding Mental Health Disorders; Encouraging Student Response and Engagement; Student Behavior: Property Destruction and Self Injury; Life Science: Reproduction and Heredity; and Supporting Students with Traumatic Brain Injuries; Autism: Prompting Strategies; and Motivating Gifted Learners.

PARA 130 (5538) Respite Care for Exceptional Individuals

Prerequisite: None
Credit Hours: 3

This course is an expanded version of the introductory one-credit workshop. Additional class time allows in-depth training and supervised practice of training competencies. Opportunities for practice and demonstration of skills needed for respite services are provided. Practicum experience provides an opportunity to demonstrate competency in a field-based setting. Topics addressed include family issues, preparing for respite, communication with family and client, health and safety during respite, handling emergencies, managing behavior, and basic care routine. CPR and Red Cross First Aid training are a part of this course.

PARA 131 (1550) Advanced Sign Language

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Prerequisite: PARA 132 Beginning Sign Language and PARA 133 Intermediate Sign Language
Credit Hours: 3
Apply learned vocabulary to the educational setting. Emphasis on paraprofessional interpreting and modifying vocabulary.

PARA 131 (1550) Beginning Sign Language
Prerequisite: None
Credit Hours: 3
Covers the manual alphabet and basic sign language vocabulary. Emphasis on signed English.

PARA 132 (1551) Intermediate Sign Language
Prerequisite: PARA 132 Beginning Sign Language
Credit Hours: 3
An intermediate course in manually coded English. Emphasis is on reading and signing exact English. A basic orientation to paraprofessional interpreting in a school setting will be covered.

PARA 135 (5530) Workshop in Special Education
Prerequisite: None
Credit Hours: 1
The purpose of this course is to provide academic credit for the active participation in various formal special education workshops conducted periodically throughout the region. The topics of the workshops vary from general to quite specific information pertaining to the exceptional student. This course can be taken more than once.

PARA 137 (5536) Emergency Health and Safety
Prerequisite: None
Credit Hours: 3
Presents information that may be needed by special education personnel to manage medical emergencies until professional medical help is available. Includes first aid, cardiopulmonary resuscitation (CPR), seizure management, and general health and safety concerns in settings for persons with disabilities.

PARA 138 (5536) Language Development for the Exceptional Individual
Prerequisite: None
Credit Hours: 3
Language and communication are vitally important skills for the cognitive and social development of individuals with exceptionalities. Course includes normal language development, delayed language or speech development, and specific direct instructional techniques to expand the communication and language skills.

Philosophy

PHIL 101 (1591) Philosophy I
Prerequisite: None
Credit Hours: 3
Introduces the nature and scope of philosophic thought and terminology, stressing the influence of philosophy on the individual and the world. Many names, topics, and writings from various periods are studied with an emphasis on the Greeks and their subsequent influence.

PHIL 102 (1592) Philosophy II (IO)
Prerequisite: PHIL 101 Philosophy I
Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Advanced study of philosophy including reading, discussing, and evaluating the concentration existential writers.

PHIL 106 (1957) Ethics

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

This course provides a systematic and critical study of values related to human conduct. It focuses on both traditional standards of ethical conduct and qualities of personal character. What we hold to be right or wrong, the basis for believing so, and what we consider to be virtues or vices are examined with an eye to understand our current ethical situation.

PHIL 104 (1593) Introduction to Logic

Prerequisite: None

Credit Hours: 3

An informal logic and critical reasoning perspective will be emphasized in this course so one may develop a system of methods and principles that can be used to evaluate other's arguments and to develop one's own arguments. Students will be introduced to the basic concepts of logic: arguments, meaning and definition of language, fallacies, propositions, and syllogisms.

PHIL 201 (1596) Medical Ethics

Prerequisite: None

Credit Hours: 1

This course is a survey of ethical theories as they apply to the quest for justice and happiness in the context of the medical profession. The course begins with a discussion of moral reasoning, and then examines major ethical theories and the application of those theories to current moral issues in the medical field.

HUMA 101 (5921) Introduction to the Humanities

Prerequisite: None

Credit Hours: 3

This course serves as a basic introduction to the humanities and to the various disciplines. It helps students understand the influences affecting the human experience and the role that the humanities play in personal and cultural enrichment. Furthermore, by providing students a sampling of various disciplines, this course encourages students to select one or more specific disciplines within the humanities for further study.

Physical Education

PED 101 (0833) Introduction to Physical Education

Prerequisite: None

Credit Hours: 3

Study of history, philosophy, and social significance of physical education. Includes equipment design, calls visitation, and construction of a physical education program.

PED 103 (0771) Care and Prevention of Athletic Injuries

Prerequisite: None

Credit Hours: 3

The study and application of the methods used in athletic training to prevent and to care for injuries specific to athletic participation.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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PED 105 (0837) Personal and Community Health

Prerequisite: None

Credit Hours: 3

Acquaints students with modern health problems and solutions. Topics are communicable diseases, social health, mental health, and consumer health with a concentration emphasis on lifestyle problems. Course meets requirements for all students interested in teaching, physical education, or nursing.

PED 107 (0814) Community Recreation

Prerequisite: None

Credit Hours: 3

An introductory course in recreation. It provides each student with the basic understanding of leisure time impact upon society and makes each student aware of the importance of off-work activity. Explains how government, state, and local programs function.

PED 109 (0832) Recreational Activities

Prerequisite: None

Credit Hours: 2

This course is designed to meet the need of those students who plan to teach in the junior or senior high school or enter the recreation field. The emphasis is weighed more heavily toward individual participation rather than team, however, both are included. Stress is on the wise use of leisure time activities.

PED 111 (0772) Athletic Training Practicum I

Prerequisite: PED 103 Care and Prevention of Athletic Injuries

Credit Hours: 2

Students will receive practical athletic training experience as an apprentice with varsity sports programs during practices and games.

PED 112 (0770) Athletic Training Practicum II

Prerequisite: PED 111 Athletic Training Practicum I

Credit Hours: 1

Students will receive practical athletic training experience as an apprentice with varsity sports programs during practices and games. Students cannot apprentice with the same varsity sports as utilized in PE 0772 Athletic Training Practicum I.

PED 114 (1365) Basic Nutrition

Prerequisite: None

Credit Hours: 3

Principles of normal nutrition. Food values and adequate nutrient allowances for growth and maintenance will be discussed.

PED 116 (0773) Lifetime Fitness Concepts

Prerequisite: None

Credit Hours: 1

The objective of this course is to present fitness related concepts to the general student population with the expectation that the information will enlighten students to their present health status and motivate the students to improve their personal fitness. The concepts presented will allow the students to become familiar with activities and programs which may alter their lifestyle and which could make them healthier, more productive people.

PED 118 (0892) First Aid

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 2

The purpose of this course is to provide the citizen responder with the knowledge and skills necessary in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until professional medical help arrives. An emphasis is also on prevention of injury and illness.

PED 140 (0829) Theory of Coaching Baseball

Prerequisite: None

Credit Hours: 3

Discussion and participation in pre-season and in-season training methods, skill development and administrative principles in the coaching of baseball.

PED 141 (0920) Theory of Coaching Basketball

Prerequisite: None

Credit Hours: 3

Discussion and participation in preseason and in-season training drills and development in administrative principles in the coaching of basketball with a concentration emphasis placed on the college level.

PED 142 (0894) Theory of Coaching Wrestling

Prerequisite: None

Credit Hours: 3

Provides for the beginner an extension of basic wrestling. It awards the athlete with credit for physical exercise and mental acquaintance with the rules, strategies, and disciplines of the sport.

PED 150 (0774) Beginning Golf

Prerequisite: None

Credit Hours: 1

Introduction of the game and its techniques as a lifelong recreation as well as a highly intricate skill.

PED 151 (0775) Advanced Golf

Prerequisite: None

Credit Hours: 1

A continuation of PED 150 Beginning Golf.

PED 152 (0861) Karate I

Prerequisite: None

Credit Hours: 1

System of defense and control techniques based upon well established principles of hand-to-hand combat. Includes defensive and aggressive physical maneuvers: armed and unarmed opponents, club maneuvers, development of muscular skill, and prevention of injury.

PED 153 (0862) Karate II

Prerequisite: PED 152 Karate I

Credit Hours: 1

Continued development of skills and techniques as learned in Karate I. Beginning development of sparing and application of techniques.

PED 154 (0883) Racquetball I (IO)

Prerequisite: None

Credit Hours: 1

Study of basic skills and knowledge necessary to play racquetball, such as forehand and backhand and serving skills.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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PED 155 (0884) Racquetball II (IO)
Prerequisite: None
Credit Hours: 1
A continuation of PED 154 Racquetball I.

PED 156 (0863) Social Dance I
Prerequisite: None
Credit Hours: 1
A study of various ballroom dance steps, such as Cha Cha Cha, Fox Trot, Waltz, Rumba, Tango, Discotheque, Mambo, Samba, and Polka.

PED 157 (0864) Social Dance II
Prerequisite: None
Credit Hours: 1
Advanced study of skills learned in PED 156 Social Dance I.

PED 160 (0870) Advanced Tennis
Prerequisite: None
Includes advanced instruction in a variety of more difficult strokes, net play, and court strategy. 1 Credit Hour

PED 161 (0782) Beginning Tennis
Prerequisite: None
Credit Hours: 1
Includes the basic strokes, rules, court strategy, and repetitive practice.

PED 162 (0855) Beginning Swimming
Prerequisite: None
Credit Hours: 1
Theory and practice in techniques of swimming, designed to fit the individual needs of the student from basic swimming strokes to lifesaving techniques.

PED 163 (0908) Intermediate Swimming
Prerequisite: None
Credit Hours: 1
Water safety, intermediate swimming ability and further swimming activity.

PED 164 (0909) Advanced Swimming
Prerequisite: None
Credit Hours: 1
Advanced swimming techniques and life saving abilities with further swimming activity.

PED 169 (0854) Bowling (IO)
Prerequisite: None
Credit Hours: 1
Basic fundamentals and techniques, rules, and scoring.

PED 171 (0852) Beginning Ballet (IO)
Prerequisite: None

Credit Hours: 1
Learning skill and grace of basic ballet.

PED 173 (0845) Aerobic Dance

Prerequisite: None

Credit Hours: 1

Aerobic Dance is a beneficial form of exercise designed to improve agility, coordination, balance, and flexibility. It includes simple, vigorous dance steps to enhance aerobic capacity and strengthen the heart, lungs, and vascular system.

PED 177 (0800) Dance Works

Prerequisite: None

Credit Hours: 1

This course offers a form of exercise in which an individual self paces his or her activity to improve and maintain overall physical fitness. Cardiovascular endurance, balance, coordination, flexibility, muscular strength and endurance, body alignment, proper breathing, and stress reduction. It combines a series of simple jazz and other dance steps to offer a well conceived course based upon fitness principles.

PED 178 (0851) Exercise

Prerequisite: None

Credit Hours: 1

This course encompasses all aspects of cardiovascular training. It includes stretching, yoga, isometric strengthening, walking, jogging, and some aerobic exercise. This course is a precursor to aerobic dance.

PED 179 (0846) Figure Improvement

Prerequisite: None

Credit Hours: 1

This course is designed for people who want to make exercise a significant factor in maintaining a physically fit body. Exercising is emphasized as a regular everyday routine. Diets, eating habits, and behavioral techniques are discussed. Individual goals are set and progress in achieving those goals is monitored during the semester.

PED 183 (0835) Jazz Dancing

Prerequisite: None

Credit Hours: 1

Introduces fundamentals of jazz dancing, including basic exercises, jazz combinations and routines, and improvisation.

PED 184 (0873) Jogging

Prerequisite: None

Credit Hours: 1

Encourages students to develop a personal aerobic running program that they can continue to use throughout their lives. Proper technique, care, and prevention of associated stress problems and record keeping are incorporated for a complete program.

PED 185 (0809) Lifesaving

Prerequisite: None

Credit Hours: 2

Instruction in lifesaving enabling students to take care of themselves and to safely aid or rescue anyone in danger of drowning, when rescue is humanly possible.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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PED 189 (0853) Rules and Officiating

Prerequisite: None

Credit Hours: 3

This course covers the rules of football, basketball, tennis, and wrestling. Students are exposed to the proper mechanics of officiating these sports.

PED 193 (0830) Slimnastics

Prerequisite: None

Credit Hours: 1

A variety of exercises that can be carried out at home and that will result in increased cardiovascular and respiratory endurance and a loss of inches. Based on group participation and includes exercising, stretching, weights, and jogging. The instructor will provide counseling on activities such as diet and weight reduction.

PED 195 (0860) Weight Lifting

Prerequisite: None

Credit Hours: 1

Designed for both novice and advanced students. It is intended that pupils work at their own pace and at their own time. Emphasis on developing a general program of exercises using weights to develop the size, strength, and endurance of all the muscles, and also benefit the circulatory and nervous systems.

PED 196 (0799) Control and Exercise Weight Reduction

Prerequisite: None

Credit Hours: 2

Integrates the nutritional aspects of a healthy, well balanced diet with the physical exercise necessary to facilitate weight loss and maintenance of the optimum weight.

Varsity Sports

PED 131 (0780) Varsity Volleyball I

Prerequisite: None

Credit Hours: 1

PED 132 (0781) Varsity Volleyball II

Prerequisite: Varsity Volleyball I

Credit Hours: 1

PED 120 (0784) Varsity Baseball I

Prerequisite: None

Credit Hours: 1

PED 121 (0785) Varsity Baseball II

Prerequisite: Varsity Baseball

Credit Hours: 1

PED 210 (0786) Varsity Baseball III

Prerequisite: Varsity Baseball II

Credit Hours: 1

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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PED 211 (0787) Varsity Baseball IV
Prerequisite: Varsity Baseball III
Credit Hours: 1

PED 129 (0918) Varsity Softball I
Prerequisite: None
Credit Hours: 1

PED 130 (0790) Varsity Softball II
Prerequisite: Varsity Softball I
Credit Hours: 1

PED 220 (0791) Varsity Softball III
Prerequisite: Varsity Softball II
Credit Hours: 1

PED 221 (0792) Varsity Softball IV
Prerequisite: Varsity Softball III
Credit Hours: 1

PED 122 (0801) Varsity Basketball I
Prerequisite: None
Credit Hours: 1

PED 123 (0802) Varsity Basketball II
Prerequisite: Varsity Basketball I
Credit Hours: 1

PED 214 (0803) Varsity Basketball III
Prerequisite: Varsity Basketball II
Credit Hours: 1

PED 215 (0804) Varsity Basketball IV
Prerequisite: Varsity Basketball III
Credit Hours: 1

PED 133 (0824) Varsity Wrestling I
Prerequisite: None
Credit Hours: 1

PED 135 (0825) Varsity Wrestling II
Prerequisite: Varsity Wrestling I
Credit Hours: 1

PED 222 (0826) Varsity Wrestling III
Prerequisite: Varsity Wrestling II
Credit Hours: 1

PED 223 (0827) Varsity Wrestling IV
Prerequisite: Varsity Wrestling III
Credit Hours: 1

PED 127 (0915) Varsity Tennis I
Prerequisite: None
Credit Hours: 1

PED 128 (0916) Varsity Tennis II
Prerequisite: Varsity Tennis I
Credit Hours: 1

PED 218 (0917) Varsity Tennis III
Prerequisite: Varsity Tennis II
Credit Hours: 1

PED 219 (0918) Varsity Tennis IV
Prerequisite: Varsity Tennis III
Credit Hours: 1

Physical Science

PHSC 101 (0901) Principles of Geology (IO)
Prerequisite: None
Credit Hours: 5

Study of the earth's physical, structural, and chemical features with emphasis on the mid-continent region and Kansas. Minerals, rocks, and hydrological systems are investigated.

PHSC 103 (1910) Introduction to Astronomy (IO)
Prerequisite: MATH 100 Intermediate Algebra or equivalent
Credit Hours: 3

Study of the historical developments in astronomy from ancient to modern times; the theoretical and empirical foundations of astronomy; the composition and mechanics of the solar systems, stellar systems, and galactic systems; and introduction to observational astronomy and cosmology.

PHSC 105 (1911) Physical Science
Prerequisite: MATH 96 Beginning Algebra (MATH 100 Intermediate Algebra is strongly recommended)
Credit Hours: 5

A survey course that emphasizes physics, chemistry, earth science, and astronomy. Designed for the student whose concentration is not in a science or engineering field, but who needs to fulfill a laboratory science requirement. Not open to those who have any college credit in chemistry or physics.

Physics or Engineering

PHYS 203 (0901) Engineering Physics
Prerequisite: Concurrent enrollment in **or** completion of MATH 130 Calculus I
Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.
Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74
No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher
IO = Infrequently Offered Course
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Credit Hours: 5

The topics covered are the same as PHYS 201 College Physics I. However, all topics are covered using concepts and mathematical tools of calculus.

PHYS 208 (0902) Engineering Physics II

Prerequisite: Concurrent enrollment in or completion of MATH 131 Calculus II.

Credit Hours: 5

Completion of PHYS 201 Engineering Physics I is strongly recommended before enrollment in this course.

The topics covered are the same as PH YS 205 College Physics II. However, all topics are covered using the concepts and mathematical tools of calculus.

PHYS 210 (0903) Statics (IO)

Prerequisite: MATH 125 TrigonometryPH YS 203 Engineering Physics I, and MATH 131 Calculus II (MATH 201 Calculus III or INDU 131 Engineering Graphics I are strongly recommended.)

Credit Hours: 3

A sophomore engineering course on force and force systems as applied to engineering problems, friction, centers of gravity, and moment of inertia.

PHYS 214 (0907) Independent Study in College Engineering Physics (IO)

Prerequisite: Consent of instructor Independent study in specialized areas of physics for the individual student. May be repeated for credit not to exceed three hours.

Credit Hours: 3

PHYS 201 (1931) College Physics I

Prerequisite: Concurrent enrollment in or completion of MATH 125 Trigonometry

Credit Hours: 5

This course will study the laws of motion and mechanics. Energy, gravity, friction, and the concept of an inertial reference frame will be presented. Experiments give training in laboratory techniques.

PHYS 205 (1932) College Physics II

Prerequisite: MATH 125 Trigonometry **and** PHYS 201 College Physics I

Credit Hours: 5

Continues from PH 1931 College Physics I with the study of mechanical waves, sound, thermodynamics, electricity and magnetism, and some modern physics as time permits.

Political Science

POLS 103 (2271) State and Local Government

Prerequisite: None

Credit Hours: 3

State and Local Government is designed to introduce students to our federal system of government, and it specifically instructs students in the Constitutional basis for State and Local Governments as well as their structure and mechanics. The course emphasizes basic questions about the forces that produce order, conflict, and change in government. State and Local Government is recommended for political science majors pre-law students, criminal justice students and all students who want an understanding of the processes, functions and institutions of our system of government below the National Government level.

POLS 105 (2270) American Government

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Credit Hours: 3

A general, systematic study of the development and structure of the American national government, with emphasis on the actual workings. Serves as a foundation for other political science courses.

HIST 108 (2210) Current World Affairs

Reading Placement Test Level: Reading for Academic Success*

Prerequisite: None

Credit Hours: 3

A study of the international relations and global issues, with emphasis on the changing role of the United States, and of international organizations such as the United Nations.

Psychology

PSYC 101 (2010) General Psychology

Reading Placement Test Level: Reading for Academic Success

Prerequisite: None

Credit Hours: 3

This course surveys the field of human psychology. It is the first course offered in psychology and, as such, it introduces the student to the fundamental methods and points of view in the scientific study of human behavior.

PSYC 201 (2090) Developmental Psychology

Prerequisite: PSYC 101 General Psychology or instructor's permission

Credit Hours: 3

The subject matter of Developmental Psychology is the human life cycle, the prenatal and newborn periods, infancy, childhood (early and late), adolescence, and adulthood. This branch of psychology explores the ways in which human physical growth and intellectual and social behavior change over time.

PSYC 202 (2091) Psychology of Adjustment

Prerequisite: PSYC 101 General Psychology

Credit Hours: 3

An experiential course of personal application of psychological principles and concepts. Students will be encouraged to develop a fuller understanding of themselves and their personal and social relationships within the topics of adjustment, lifestyle, lifespan influences, stress, social interactions, work and leisure, and aspects of solitude. This class is only offered in the Spring of the academic year.

Radiography

RADI 101 (5233) Introduction to Radiography, Ethics and Law

Prerequisite: Radiography student

Credit Hours: 2

Introduction to historical review of health care with emphasis on Radiologic technology. Principles of radiography, radiation protection, ethics, and law will be presented. A two week clinical orientation is also incorporated into this course.

RADI 103 (5234) Radiographic Procedures I

Prerequisite: Acceptance into Radiography Program

Credit Hours: 1

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Content is designed to provide the knowledge base necessary to perform standard imaging procedures, including special studies. Consideration is given to the evaluation of optimal diagnostic images of the chest and abdomen.

RADI 104 (5235) Radiographic Procedures II

Prerequisite: RADI 103 Radiographic Procedures I

Credit Hours: 3

Content is designed to provide the knowledge base necessary to perform standard imaging procedures, including special studies. Consideration is given to the evaluation of optimal diagnostic images of the upper & lower extremities and contrast studies.

RADI 105 (5236) Radiographic Procedures III

Prerequisite: RADI 104 Radiographic Procedures II

Credit Hours: 3

Content is designed to provide the knowledge base necessary to perform standard imaging procedures, including special studies. Consideration is given to the evaluation of optimal diagnostic images of the bony thorax, spinal column, and head.

RADI 107 (5237) Radiographic Image Processing

Prerequisite: Acceptance into Radiography Program

Credit Hours: 1

Film composition, image receptors, darkroom procedures, and principles of automatic processing. Introduction to digital image processing and image archiving.

RADI 109 (5237) Patient Care in Radiography

Prerequisite: RADI 101 Introduction to Radiography, Ethics and Law

Credit Hours: 1

Introduction to the care of patients while in the radiology department. Topics include: Body Mechanics, Patient Transfer, Patient Assessment, and Infection control.

RADI 111 (5195) Medical Terminology for Radiography

Prerequisite: RADI 101 Introduction to Radiography

Credit Hours: 1

Content is designed to provide an introduction to the origins of medical terminology. A word building system is introduced and abbreviations and symbols are discussed. Also introduced is an orientation to understanding radiographic orders and diagnostic report interpretation.

RADI 113 (5240) Simulations in Radiography I

Prerequisite: RADI 103 Radiographic Procedures I

Credit Hours: 2

Laboratory study of the radiographic procedures used to visualize the anatomical structures of upper and lower chest, abdomen, and contrast studies. Laboratory setting once a week.

RADI 115 (5472) Pharmacology and Drug Administration

Prerequisite: RADI 109 Patient Care

Credit Hours: 2

Designed to provide basic concepts of pharmacology. The theory and practice of basic techniques of venipuncture and administration of diagnostic contrast agents and/or intravenous medications. The appropriate delivery of patient care during these procedures will be emphasized.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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RADI 117 (5239) Film/Screen Image Acquisition

Prerequisite: RADI 101 Introduction to Radiography, Ethics and Law

Credit Hours: 2

Content is designed to establish a knowledge base in factors that govern the image production process. Film imaging with related accessories is emphasized.

RADI 119 (5286) Clinical Training I

Prerequisite: RADI 103 Radiographic Procedures I

Credit Hours: 3

This portion of clinical training is used to acquaint the learner with the organization and function of health care facilities. In addition, the learner will observe and assist a practicing radiographer to appreciate both the ethical and technical responsibilities associated with radiologic technology. 24 hours a week for 16 weeks.

RADI 120 (5370) Clinical Training II

Prerequisite: RADI 119 Clinical Training I

Credit Hours: 3

This portion of clinical training encompasses major radiographic equipment, room maintenance and preparation, principles of record keeping, proper patient handling. The learner should be making the transition from the passive mode of observation to a more active mode of assisting the radiographer perform examinations of the chest, abdomen, extremities, and contrast studies. 24 hours per week for 16 weeks.

RADI 125 (5103) Radiographic Equipment Operation

Prerequisite: RADI 117 Film/Screen Image Acquisition

Credit Hours: 2

Designed to establish a knowledge base in radiographic, fluoroscopic, mobile, and tomographic equipment requirements and design. Also included a basic knowledge of quality control.

RADI 127 (5268) Introduction to Computed Tomography & Cross Sectional Anatomy

Prerequisite: RADI 104 Radiographic Procedures II

Credit Hours: 3

This course explores the basic physical and technical principles of computed tomography and the study of human anatomy as viewed in sectional imaging planes of other diagnostic imaging modalities.

RADI 140 (5102) Technical Analysis & Quality Assurance

Prerequisite: Radiographic Exposure I

Credit Hours: 3

This course is designed to instruct the student in the application of technical principles, problem solving, and quality assurance. Automatic Exposure Control, technical factors, and equipment maintenance will be emphasized.

RADI 146 (5242) Skull Radiography

Prerequisite: RADI 104 Radiographic Procedures II

Credit Hours: 2

Intensive study of the anatomy and position of the skull and facial bones. In a laboratory setting, students demonstrate competency in skull radiography.

RADI 149 (5246) Clinical Training III

Prerequisite: RADI 120 Clinical Training II

Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

The learner should now be assisting with all radiographic examinations and should be making the transition from a passive mode to a more active mode of performing skeletal and fluoroscopic examinations. 24 hours per week for 6 weeks (136 hours) and 40 hours per week for 2 weeks (80 hours) at a new clinical site. Total clinical hours 216.

RADI 151 (5265) Contrast Studies

Prerequisite: RADI 101 Introduction to Radiography, Ethics and Law

Credit Hours: 2

Study of examinations requiring contrast media with emphasis on the digestive, biliary, and urinary systems. Pharmacology as related to contrast studies will also be included. In a laboratory setting the learner will demonstrate his or her competency in radiographic positioning of these procedures.

RADI 153 (5270) Special Radiographic Procedures

Prerequisite: RADI 158 Advanced Procedures

Credit Hours: 2

This course encompasses the concepts and applications within fluoroscopy, special procedures, and venipuncture. Special Radiologic procedures include angiography, arthrography, interventional studies, myelography, and surgical exams.

RADI 158 (5470) Advanced Procedures

Prerequisite: RADI 105 Radiographic Procedures III

Credit Hours: 2

Pediatric radiography, mobile radiography, Tomography, trauma radiography, and surgery techniques will be covered in this course.

RADI 201 (5248) Imaging Modalities

Prerequisite: Entrance into sophomore year of Radiography Program

Credit Hours: 3

This course encompasses the concepts and applications within advanced modality areas of radiology, including: Magnetic Resonance Imaging, Mammography, Bone Densitometry, Ultrasound, Nuclear Medicine, PET, and Radiation Therapy.

RADI 203 (5371) Clinical Training III

Prerequisite: RADI 120 Clinical Training II

Credit Hours: 3

During this portion of clinical training, the learner investigates fluoroscopic equipment and procedural duties. In addition, the learner will be introduced to the responsibilities and principles of scheduling patients for radiographic examinations. The learner should now be assisting with all radiographic examinations, and should be making the transition from a passive mode to a more active mode of 32 hours per week for 7 weeks; 40 hours per week for 1 week.

RADI 204 (5372) Clinical Training IV

Prerequisite: RADI 149 Clinical Training III

Credit Hours: 3

Emphasis is placed on skull radiography, trauma radiography, body section, mobile and surgical radiography. Recheck competencies will be performed at the new hospital assignment 24 hours per week for 16 weeks.

RADI 205 (5373) Clinical Training V

Prerequisite: RADI 204 Clinical Training IV

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 3

Emphasis is placed on emergency and special procedure radiography. In addition the learner will be required to successfully complete the remaining category competency evaluations, and 5 recheck competencies. 24 hours per week for 16 weeks.

RADI 207 (5104) Digital Image Acquisition & Quality Assurance

Prerequisite: RADI 117 Film/Screen Image Acquisition

Credit Hours: 3

Content is designed to impart an understanding of the components, principles and operation of digital imaging systems found in diagnostic radiography. Factors that impact image acquisition, display, archiving and retrieval are discussed. Guidelines for selecting exposure factors and evaluating images within a digital system assist students to bridge between film-base and digital imaging systems. Principles of digital system quality assurance and maintenance are presented.

RADI 209 (5243) Principles of Radiation Physics

Prerequisite: RADI 125 Radiographic Equipment Operation

Credit Hours: 2

A basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter.

RADI 211 (5107) Computed Tomography Procedures

Prerequisite: RADI 127 Introduction to CT and Cross Sectional Anatomy

Credit Hours: 2

Studies the positional and functional relationships of body structures, with an emphasis on their appearances as seen with Computed Tomography (CT) scanning.

RADI 213 (5247) Radiographic Pathophysiology

Prerequisite: Entrance into sophomore year of Radiography Program

Credit Hours: 2

Study of pathologies and their effects on the anatomy, physiology, and radiography of the human body.

RADI 214 (5229) Simulations in Radiography II

Prerequisite: RADI 113 Simulations in Radiology I

Credit Hours: 2

Laboratory study of the radiographic procedures used to visualize the anatomical structures of the scapula, pelvic girdle, bony thorax, spine, and head.

RADI 217 (5241) Radiation Protection

Prerequisite: RA 209 Physical Foundations of Radiology

Credit Hours: 3

The Study of the biological effects of radiation and patient protection. Also included are radiation monitoring and occupational exposure and protection.

RADI 219 (5105) Image Analysis

Prerequisite: Entrance into Sophomore year of Radiography Program

Credit Hours: 2

Will provide a basis for analyzing radiographic images. Including the importance of imaging standards, discussion of a problem-solving technique for image evaluation and factors that can affect image quality. Actual images brought by each student will be used for image analysis.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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RADI 221 (5266) Radiography Comprehensive Review

Prerequisite: Completion of all Radiography courses to date

Credit Hours: 2

Group discussion on current topics in radiologic technology. Review of the principles of radiography and their application to the ARRT examination. Mock registry exams on the computer.

RADI 223 (5106) Situation Judgment Analysis

Prerequisite: Entrance into sophomore year of Radiography Program

Credit Hours: 2

Comprehensive review course with emphasis on critical thinking, problem analysis, and solution judgment skills. Includes group sessions for scenario development.

RADI 225 (5108) Computed Tomography Pathology

Prerequisite: Radiologic Technologist or Registry Eligible

Credit Hours: 3

This course is designed for all imaging technologists requiring knowledge of the disease process and common disease appearance on computed tomography images including trauma and pediatric patients.

RADI 226 (5109) Computed Tomography Physics and Instrumentation

Prerequisite: Radiologic Technologist or Registry Eligible

Credit Hours: 3

This course is designed to impart an understanding of the physical principles and instrumentation involved in CT. The historical development and evolution of CT is reviewed. Physics topics covered include the characteristics of x-radiation, CT beam attenuation, linear attenuation coefficients, tissue characteristics and Hounsfield numbers application. Data acquisition and manipulation techniques, image reconstruction algorithms such as filtered back-projection will be explained. CT systems and operations will be explored with full coverage of radiographic tube configuration, collimator design and function, detector type, characteristics and functions and the CT computer and array processor. CT image processing and display will be examined from data acquisition through postprocessing and archiving and patient factors related to other elements affecting image quality will be explained, as well as artifact production and reduction and image communication.

RADI 227 (5491) Advanced Computed Tomography Procedures

Prerequisite: Radiologic Technologist or Registry Eligible

Credit Hours: 3

This course is designed to cover patient care, contrast media, and scanning procedures in computed tomography. An emphasis will be placed on patient assessment and preparation, radiation safety, and the indications and contradictions for the procedures and contrast usage for both the adult and pediatric patient.

RADI 228 (5493) Advanced Computed Tomography Cross Sectional Anatomy

Prerequisite: Radiologic Technologist or Registry Eligible

Credit Hours: 3

This course is designed for all imaging technologists requiring knowledge of sectional anatomy in the transverse, sagittal, coronal and oblique (off-axis) planes and the correlation between the structure appearance of computed tomography, magnetic resonance imaging and other diagnostic imaging modalities.

Recording Arts Technology

RTEC 101 (1213) Audio Recording I

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Credit Hours: 3

This course is intended to expose students to the principles and techniques of stereo and multi-track audio recording. Topics of instruction include basic audio terminology and concepts, use of microphones, multi-track recording, signal processing, and mixdown techniques.

RTEC 102 (1214) Audio Recording II

Prerequisite: RTEC 101 Audio Recording I

Credit Hours: 3

Audio Recording II studies advanced operation procedures in the recording studio. This includes advanced audio theory and recording techniques, digital tap machine operation, additional mic placement techniques, and multitrack mixdown techniques, with practical application in a laboratory setting.

RTEC 103 (1265) Audio Recording III

Prerequisite: None

Credit Hours: 3

A beginning course in the utilization of computer-based audio recording systems. Software programs such as ProTools will be used in the recording projects. An introduction to digital signal processing, software synthesis, and completely digital recording techniques will be covered, as well as the use of plug-ins in a digital audio program.

RTEC 104 (1266) Audio Recording IV

Prerequisite: RTEC 103 Digital Audio I

Credit Hours: 3

An advanced course in the utilization of computer-based audio recording systems. Software programs such as Digital Performer, Samplitude, and ProTools will be used in the digital audio recording process. Advance digital signal processing techniques and completely digital Mixing and Mastering techniques will be explored. Also, "Loop-based" digital audio production techniques, as well as the use of plug-ins, will be utilized.

RTEC 115 (1244) Recording Arts Piano

Prerequisite: None

Credit Hours: 1

Music instruction for piano students in the Recording Arts Technology program provides students with the opportunity to learn how contemporary music is played on the keyboard. The student will learn about contemporary music theory, bass line patterns, and how to begin reading lead sheets and fake books.

RTEC 121 (1221) MIDI Production

Prerequisite: None

Credit Hours: 3

This course is an introduction to control of the synthesizer via the MIDI interface. The basics of sound synthesis theory, the history of MIDI, and synthesizer programming will be explored. Additionally, the use of a software-based MIDI sequencing program will be explored in the realization of student projects in the lab.

RTEC 126 (1220) Sound Reinforcement

Prerequisite: Fundamentals of Electronics I

Credit Hours: 2

This course is an overview of the entire spectrum of live sound reinforcement and is intended to give the student basic understanding of the elements involved in assembling and operating a sound system for use in the sound reinforcement/commercial music industry.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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RTEC 133 (1218) Music Business

Prerequisite: None

Credit Hours: 3

This course acquaints the student with the practices and procedures of the recording arts business world including the hiring of management, attorneys, negotiation or recording contracts, publishing deals, and other contractual situations that arise in the music industry. Concert production, publicity, and production of press kits will also be explored.

RTEC 135 (1217) Lighting Technology

Prerequisite: None

Credit Hours: 1

A comprehensive study of lighting principles, equipment, and usage in the performing arts industry. Emphasis is placed on lighting techniques, color concepts, electrical theory, and safety.

RTEC 138 (1224) Recording Arts Theory

Prerequisite: None

Credit Hours: 4

Reviews scale construction, intervals, and chord spellings. Introduces chord progressions, song forms, and harmonic techniques used in popular music. Must be able to read music in standard notation. Basic ear training skills including hearing melodies, harmonies, and rhythms and sight singing skills including singing intervals and rhythms are developed.

RTEC 144 (1274) Digital Video

Prerequisite: None

Credit Hours: 3

This course covers the basics of planning, lighting, shooting and editing of digital video as it relates to the modern music, entertainment, and corporate industries. Students will learn to produce, edit, and manipulate in software their own video projects ranging from simple interviews and commercials and promotional video to music videos and short form documentaries. Students will also learn about the current methods of distribution for digital video including CD Rom, DVD, streaming media, and other downloadable compression formats. This class requires 45 hours of lab time outside of normal class meetings. The student is responsible for scheduling and logging all hours.

RTEC 145 (1270) Thesis Project – Performance

Prerequisite: None

Credit Hours: 3

Utilizing the performance skills acquired in all previous courses, the student will produce a full-length, professionally evaluated audio recording inclusion in their portfolio and for use in promoting themselves in the professional music industry. The final project may be of original material or material composed by others, or collaboration.

RTEC 148 (1216) Audio for Video

Prerequisite: RTEC Audio Recording I - RTEC Digital Video

Credit Hours: 3

This course teaches the techniques of synchronizing sound with the visual image. Advanced techniques such as coordinating musical material with exact visual images will be explored.

RTEC 160 (1204) Recording Arts Internship

Prerequisite: RTEC Audio Recording I - RTEC Audio Recording II - RTEC Audio Recording III
RTEC MIDI Production - RTEC Digital Video - RTEC Audio for Video

Credit Hours: 1

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

The student will function as an engineer and/or assistant engineer in a professional recording or sound engineering environment. Working with professionals in the field, the student will become familiar with the real world environment of the audio professional. This class requires 45 hours of internship hours. The student is responsible for logging all hours arranging his or her own internship.

RTEC 162 (1271) Recording Arts Thesis

Prerequisite: Audio Recording I- Audio Recording II - Audio Recording III

Credit Hours: 3

Utilizing the audio production skills acquired in all previous courses, the student will produce a full-length, professionally evaluated audio recording for inclusion in their portfolio and for use in promoting themselves in the professional music industry. The final project may be of original material, covers, or material composed by others, or a collaboration.

RTEC 170 (1275) Mixing and Mastering Techniques

Prerequisite: Audio Recording I Audio Recording II Audio Recording III

Credit Hours: 3

This course teaches advanced signal processing, recording, and mixing techniques used in studio recording and live sound, as well as the basics of mastering. A course in both live and studio mixing, utilizing both computer based audio recording systems and conventional analog devices. Software programs such as Pro Tools will be used in the audio mixing process. Advanced digital signal processing techniques and completely digital domain recording and mastering techniques will be explored.

RTEC 206 (1208) Improvisation Ensembles I 1 Credit Hour

RTEC 207 (1209) Improvisation Ensembles II 1 Credit Hour

Prerequisite: None

Students will learn improvisation skills through performance in small ensembles. Students will learn and apply the use of arpeggios, rhythmic and melodic motifs, chord tones and non-chord tones, and a variety of scales.

RTEC 201 (1228) Performing Ensemble I 2 Credit Hours

RTEC 202 (1229) Performing Ensemble II 2 Credit Hours

RTEC 203 (1230) Performing Ensemble III 2 Credit Hours

RTEC 204 (1231) Performing Ensemble IV 2 Credit Hours

Prerequisite: None

Several bands will be formed at the beginning of Performing Ensemble I. An audition will be administered to determine the performance level and general make-up of the individual groups. As the groups mature through ensemble II-IV, the groups will develop a larger repertoire and more performances will be scheduled. The students will learn rehearsal techniques, how to map out a song from sheet music and directly from recorded sources, and will demonstrate proficiency on their chosen instrument.

RTEC 220 (1260) Arranging for Songwriters

Prerequisite: None

Credit Hours: 3

The student will be able to demonstrate acceptable competency in the basic skills and techniques of arranging, including harmonization of melodies, use of substitute chords, and arranging tunes in a variety of styles.

RTEC 248 (1234) Recording Arts Music Business Internship

Prerequisite: Adviser's Approval

Credit Hours: 1

The student will function in a professional recording studio, venue promotion, or facilities management environment. Working with professionals in the field, the student will become familiar with the real world environment of the music professional.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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INDU 125 (5311) Fundamentals of Electronics I
Prerequisite: Applied Mathematics or Algebra

Credit Hours: 3

Study of the basic skills in electricity and electronics including equipment use, basic electronic formulas, and receiving basic skills to enter the electronics field.

Religion

RELI 101 (1510) Comparative World Religions

Prerequisite: None

Credit Hours: 3

This course examines different religions and their history, practices, and beliefs.

RELI 103 (1512) Old Testament Survey (IO)

Prerequisite: None

Credit Hours: 3

A general survey of the people and customs in Old Testament times, places, and periods of history, along with the study of the literary structure of the Old Testament.

RELI 105 (1564) New Testament Survey

Prerequisite: None

Credit Hours: 3

A general survey of the people and customs in New Testament times, places, and periods of history, along with the study of the literary structure of the New Testament.

Respiratory Care

RESP 101 (5800) Fundamentals of Respiratory Care I

Prerequisite: Admission into the Respiratory Care Program

Credit Hours: 4

This course provides instruction in basic gas physics and basic respiratory care. Included is a section on microbiology, patient assessment and professionalism. This course includes a laboratory with competency evaluations.

RESP 102 (5803) Fundamentals of Respiratory Care II

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 105 Respiratory Care

Pharmacology RESP 109 Clinical Practice I RESP 107 Cardiopulmonary Anatomy and Physiology

Credit Hours: 4

This course will include hyperinflation therapy, specialized O₂, airways, home care and pulmonary rehabilitation. This course includes a laboratory with competency evaluations.

RESP 103 (5824) A-STEP Introduction to Polysomnography

Prerequisite: None

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Credit Hours: 5

This is the beginning course for students interested in becoming polysomnography technologist trainees to learn a basic understanding of sleep, sleep disorders, and sleep technology. Upon completion of this course, students will take a 106 question test given by the American Academy of Sleep Medicine (AASM) to become a sleep technology trainee. Students successfully passing the test can then complete the online self-study modules offered by AASM to prepare for the registered polysomnographic technologists (BRPT).

RESP 105 (5250) Respiratory Care Pharmacology

Prerequisite: Admission into the Respiratory Care program

Credit Hours: 3

This course addresses general principles of pharmacology with emphasis on drugs affecting the cardiopulmonary system. An overview of antibiotics, narcotics, and sedatives is presented.

RESP 107 (5802) Cardiopulmonary Anatomy and Physiology

Prerequisite: Admissions into the Respiratory Care Program

Credit Hours: 3

An in-depth study of cardiopulmonary anatomy and physiology will be presented; included is a unit on renal physiology and acid-base balance.

RESP 109 (5255) Clinical Practice I

Prerequisite: Admission into the Respiratory Care program

Credit Hours: 2

This clinical course allows the respiratory care student to apply skills learned in the classroom to the clinical setting. Emphasis is placed on basic therapeutic modalities, charting, and assessment skills. Clinical Practice I

RESP 110 (5258) Clinical Practice II

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 105 Respiratory Care Pharmacology RESP 109 Clinical Practice I RESP 107 Cardiopulmonary Anatomy and Physiology

This clinical course allows respiratory care students to apply skills learned in the classroom to the clinical setting. Emphasis is placed on specialized areas of respiratory care. 4 Credit Hours

RESP 111 (5252) Respiratory Care Topics and Procedures I

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 107 Cardiopulmonary Anatomy and Physiology RESP 109 Clinical Practice I RESP 105 Respiratory Care Pharmacology

Credit Hours: 3

In this course, monitoring used to evaluate patients is addressed such as arterial blood gases, electrocardiograms, and chest x-rays.

RESP 113 (5809) Pediatric Respiratory Care

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 105 Respiratory Care Pharmacology RESP 109 Clinical Practice I RESP 107 Cardiopulmonary Anatomy and Physiology

Credit Hours: 3

This course will cover neonatal and pediatric respiratory care. Includes neonatal and pediatric respiratory diseases and respiratory care modalities applied to the neonatal and pediatric patient.

RESP 115 (5821) Introduction to Mechanical Ventilation

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 107 Cardiopulmonary Anatomy & Physiology RESP 105 Respiratory Care Pharmacology RESP 109 Clinical Practice I
Credit Hours: 1

This introductory course covers basic concepts important to understanding mechanical ventilation. The student will concentrate on modes of ventilation, ventilator set-up and trouble-shooting, and charting of mechanical ventilation.

RESP 131 (5189) Care Planning for Common Respiratory Diseases

Prerequisite: RESP 205 Respiratory Disease **or** NURS 117 Pathophysiology

Credit Hours: 1

This elective is intended to help respiratory therapy students prepare for the clinical simulation examination; one of the examinations needed to become a registered respiratory therapist. In addition, this course will strengthen knowledge of respiratory diseases needed for clinical practice. Students will be creating respiratory care plans for specific disease processes.

RESP 132 (5193) Clinical Practice Internship

Prerequisite: Clinical Practice I, II, III, Fundamentals of Respiratory Care I, II, and III, Advanced Mechanical Ventilators, Pediatric Respiratory Care **and** Topics and Procedures I and II

Credit Hours: 1-3

This is a supplemental clinical course intended to enhance clinical proficiency and better prepare graduates for the work environment. Students will be scheduled to rotate through the areas of their specific interest. Each credit hour will equate to 64 clock hours of clinical time.

RESP 142 (5283) Respiratory Care Seminar

Prerequisite: None

Credit Hours: 1

This course will cover various topics related to the respiratory care profession.

RESP 148 (5812) Comprehensive Respiratory Care

Prerequisite: None

Credit Hours: 1

This review course is intended to help students prepare to take the registry examinations administered by the National Board of Respiratory Care. Students will practice on information gathering and decision making skills in a controlled classroom environment.

RESP 150 (5816) Math for Respiratory Care Practitioner

Prerequisite: None

Credit Hours: 1

This course is intended to reinforce the many math concepts and calculations used by respiratory care practitioners.

RESP 151 (5817) Advanced Ventilators

Prerequisite: None

Credit Hours: 1

This is a continuation of Fundamentals of Respiratory Care III allowing students additional hands on practice with a variety of ventilators.

RESP 153 (5820) Entry-Level Review

Prerequisite: None

Credit Hours: 1

This review course is intended to help students prepare to take the entry-level examination administered by the National Board for Respiratory Care. Students will practice analysis and application of information.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

RESP 203 (5805) Fundamentals of Respiratory Care III

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 102 Fundamentals of Respiratory Care II RESP 105 Respiratory Care Pharmacology RESP 109 Clinical Practice I RESP 110 Clinical Practice II RESP 107 Cardiopulmonary Anatomy and Physiology I RESP 111 Respiratory Care Topics and Procedures I RESP 115 Introduction to Mechanical Ventilation RESP 113 Pediatric Respiratory Care –

This course includes an in-depth study of mechanical ventilation for adult, pediatric, and neonatal patients. Conventional methods of ventilation, as well as newer modalities are addressed. This course includes a laboratory with competency evaluations. 4 Credit Hours

RESP 205 (5806) Respiratory Diseases

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 102 Fundamentals of Respiratory Care II RESP 105 Respiratory Care Pharmacology RESP 109 Clinical Practice I RESP 110 Clinical Practice II RESP 107 Cardiopulmonary Anatomy and Physiology RESP 111 Respiratory Care Topics and Procedures I RESP 115 Introduction to Mechanical Ventilation RESP 113 Pediatric Respiratory Care
Credit Hours: 3

This course provides the student with an in-depth study of diseases that affect the cardiopulmonary system.

RESP 207 (5810) Critical Care Medicine

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 102 Fundamentals of Respiratory Care II RESP 203 Fundamentals of Respiratory Care III RESP 105 Respiratory Care Pharmacology RESP 109 Clinical Practice I RESP 110 Clinical Practice II RESP 107 Cardiopulmonary Anatomy and Physiology RESP 111 Respiratory Care Topics and Procedures I RESP 115 Introduction to Mechanical Ventilation RESP 205 Respiratory Diseases RESP 113 Pediatric Respiratory Care
Credit Hours: 3

This course will cover care of the acutely ill and critically ill patient. Emphasis is placed on application of data obtained during monitoring and assessment of patients. Therapeutic and diagnostic modalities will be addressed.

RESP 211 (5813) Clinical Practice III

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 102 Fundamentals of Respiratory Care II RESP 203 Fundamentals of Respiratory Care III RESP 105 Respiratory Care Pharmacology RESP 109 Clinical Practice I RESP 110 Clinical Practice II RESP 107 Cardiopulmonary Anatomy and Physiology RESP 111 Respiratory Care Topics and Procedures I RESP 115 Introduction to Mechanical Ventilation RESP 205 Respiratory Diseases RESP 113 Pediatric Respiratory Care
Credit Hours: 6

Students will apply skills learned in the classroom to the clinical setting. Emphasis will be placed on critical care and monitoring procedures.

RESP 212 (5262) Clinical Practice IV

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 102 Fundamentals of Respiratory Care II RESP 203 Fundamentals of Respiratory Care III RESP 105 Respiratory Care Pharmacology RESP 109 Clinical Practice I RESP 110 Clinical Practice II RESP 107 Cardiopulmonary Anatomy and Physiology RESP 111 Respiratory Care Topics and Procedures I RESP 115 Introduction to Mechanical Ventilation RESP 205 Respiratory Diseases RESP 113 Pediatric Respiratory Care

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

Credit Hours: 1

This clinical course will give students an opportunity to practice patient scenarios, discuss clinical problems, and learn skills important for new job seekers in the medical field.

RESP 213 (5254) Respiratory Care Topics and Procedures II

Prerequisite: RESP 101 Fundamentals of Respiratory Care I RESP 102 Fundamentals of Respiratory Care II RESP 203 Fundamentals of Respiratory Care III RESP 105 Respiratory Care Pharmacology RESP 109 Clinical Practice I RESP 110 Clinical Practice II RESP 107 Cardiopulmonary Anatomy and Physiology RESP 111 Respiratory Care Topics and Procedures I RESP 115 Introduction to Mechanical Ventilation RESP 205 Respiratory Diseases RESP 113 Pediatric Respiratory Care
Credit Hours: 2

This is a course designed to prepare the student for specialized monitoring used by respiratory therapists and includes: invasive hemodynamic monitoring, intracranial pressure monitoring, bronchoscopies, thoracentesis chest tubes, metabolic cart, and others.

HEAL 151 (5819) Advanced Cardiac Life Support

Prerequisite: None

Credit Hours: 1

This course is designed to provide the participant with the skills to respond to acute cardiovascular situations in and out of the hospital setting.

OTEC 125 (5232) Medical Terminology

Prerequisite: None

Credit Hours: 3

Presents basic concepts and elements of medical terms, surveys terms pertaining to the study of the human body, and assist in the development of the ability to read and understand the language of medicine. Commonly used abbreviations will be addressed.

Sociology

SOCI 101 (2280) Sociology

Prerequisite: None

Credit Hours: 3

This course examines human social interactions and relationships between groups. Within the context of classical and contemporary sociology, the course provides an overview of the study of society, the individual in society, social inequality, social institutions, social change, and social issues.

SOCI 201 (1350) Marriage and Family

Prerequisite: None

Credit Hours: 3

Marriage, family, and alternative lifestyles are closely examined from a sociological and theoretical perspective. Discussion will focus on how relationships and gender roles have changed, attitudes and decision-making in regard to sexuality, and changes in the marital relationship across time.

SOCI 207 (2220) Anthropology

Prerequisite: None

Credit Hours: 3

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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An introductory study of diverse human cultures throughout the world, both past and present. The physical and cultural systems of various people will be examined through kinship ties, economics, religion, government, and the arts.

SOCI 203 (2283) Social Problems

Prerequisite: None

Credit Hours: 3

This course examines well-defined social problems in both theoretical and practical ways. The social problems studied will give the student a base for analyzing and understanding social problems prevalent in society today. A wide variety of topics are discussed including poverty, race and ethnic relations, gender and social inequality, crime, and sexual deviance.

SOCI 112 (2282) Introduction to Social Work (IO)

Prerequisite: None

Credit Hours: 3

A survey of the human services fields, this course examines social welfare agencies and services, as well as career opportunities in social work.

Special Interest

SPEC 111(0840) Student Leadership Training

Prerequisite: None

Credit Hours: 1

A study of integrating leadership theory with practical experience in student government administration. Emphasizes techniques of planning, implementing, and developing student activities. May be repeated each semester.

SPEC 117 (1155) Travel Seminar

Prerequisite: None

Credit Hours: 3

Retrace former adventures and anticipate new ones when you join your friends on tours to destinations both familiar or new and exciting. Escorts and local guides will share insights about the contemporary, natural, and historical aspects of the destinations visited. This course also includes pre-trip orientation sessions and tour assignments.

SPEC 125 (2292) Topics in Lifelong Learning

Prerequisite: None

Credit Hours: 3

Topics in Lifelong Learning is designed to provide a framework for exploration of specific continuing education topics.

FINA 160 (0577) Principles of Real Estate

Prerequisite: None

Credit Hours: 2

This course is designed to explore the different phases of real estate and to prepare a person to enter the career of real estate. Topics will include real estate terminology, contract writing, financing methods, and licensing requirements. After completion of this course, the student should be ready to take the salesperson license exam.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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Student Success Center

LEAR 90 (0586) Personal and Career Development

Prerequisite: None

Credit Hours: 2

This course is designed to help students obtain powerful interpersonal skills they'll need to communicate and build effective work and personal relationships. (Developmental course)

LEAR 86 (0808) Vocabulary Expansion II

Prerequisite: None

Credit Hours: 1

Stresses the use of context clues to learn word meaning. Students are required to spend a minimum of 15 hours in the Student Success Center as well as complete assignments. (Developmental course)

LEAR 87 (0812) Spelling/Writing Vocabulary Refresher

Prerequisite: None

Credit Hours: 1

A review of basic writing skills necessary for success in college and in many careers such as spelling, grammar, sentence structure, punctuation, writing assignments, and vocabulary development. Students are required to spend at least 15 hours in the Student Success Center as well as complete assignments. (Developmental course)

LEAR 85 (0815) Vocabulary Expansion I

Prerequisite: None

Credit Hours: 1

Combining forms such as prefixes, root words, and suffixes stressed as well as words derived from them. Familiarity with these forms is the quickest way to learn words. Students are required to spend at least 15 hours in the Student Success Center as well as complete assignments. (Developmental course)

LEAR 94 (0817) Study Skills

Prerequisite: None

Credit Hours: 1

Time management, note taking, test-taking skills, and textbook reading will be reviewed. It should be helpful to all, but is specifically designed to assist those uncomfortable in returning to college. Students are required to spend a minimum of 15 hours in the Student Success Center as well as complete assignments. (Developmental course)

LEAR 101 (0828) Orientation

Prerequisite: None

Credit Hours: 1

An introduction to the College, its personnel, its support systems, and its extracurricular activity opportunities for new students.

LEAR 112 Parenting

Prerequisite: None

Credit Hours: 1

Provides parents, teachers, and care givers an understanding of human behavior and an awareness of opportunities to promote learning as they guide young children.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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LEAR 80 (1516) Grammar and Reading in Context for Non-Native Speakers of English

Prerequisite: None

Credit Hours: 3

This course helps non-native English speakers to improve their grammar and syntax and to develop their reading skills. (Developmental course)

LEAR 81 (1517) Understanding Spoken English in the Academic Setting

Prerequisite: None

Credit Hours: 3

This course helps non-native speakers of English in understanding spoken English. It gives students practice in listening and discussing at the college level. (Developmental course)

LEAR 95 (1553) Reading Essentials

Prerequisite: None

Credit Hours: 3

This course is designed to help students obtain the skills they need to succeed in college courses that are reading intensive. This course serves those students who do not feel comfortable with their present reading skills or those whose test scores show inadequate skills. A student receiving 54 or less on the COMPASS Reading Placement Assessment is required to take this course. Reading Essentials will focus on three of the five components of reading; fluency, comprehension, and vocabulary.

LEAR 96 (1555) Reading EssentialsI

Prerequisite: Reading Essentials and/or a score of 54 to 74 on Compass Reading

Credit Hours: 3

This course is designed to teach the student reading comprehension and critical thinking skills required to succeed in higher level reading intensive college courses. In this course, students learn to read and use information found in short passages, stories, poetry, drama, reviews of written works, directions, forms, and reports. The student will also be able to apply reading skills to the many genres of text.

LEAR 97 (1556) Advanced College Reading

Prerequisite: None

Credit Hours: 3

This course is designed to help students obtain the skills they need to succeed in college courses that are reading intensive. The course focuses on advanced college level reading skills to help students develop the reading comprehension and critical thinking skills they'll need to master college level course materials. It also teaches specific strategies key to read college-level material in social studies, literature, history, and the sciences. A student receiving 75 or greater on the COMPASS Reading Placement Assessment is eligible to take this course. (Developmental course)

Theatre

THEA 110 (1073) Repertory Theatre I 1 Credit Hour

THEA 111 (1000) Repertory Theatre II 1 Credit Hour

THEA 112 (1001) Repertory Theatre III 1 Credit Hour

THEA 113 (1002) Repertory Theatre IV 1 Credit Hour

Prerequisite: None

Development of acting skills through rehearsal and performance of the plays produced by the College. May be repeated for a total of four hours credit.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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THEA 114 (1074)	Projects in Technical Theatre I	1 Credit Hour
THEA 115 (1005)	Projects in Technical Theatre II	1 Credit Hour
THEA 116 (1006)	Projects in Technical Theatre III	1 Credit Hour
THEA 117 (1007)	Projects in Technical Theatre IV	1 Credit Hour

Prerequisite: None

Introduces the application of technical theatre arts as opposed to the performing arts. The student is allowed to choose the area in which he or she wishes to work (i.e., lighting, sound, set construction, scenic painting, makeup, properties). The student may also choose the degree of responsibility involved (from crew chief to worker). Students will serve on running crews for plays produced by the College.

THEA 101 (1072) Theatre Appreciation

Prerequisite: None

Credit Hours: 3

Introduces students to elements that comprise the world of theatre such as the fundamental principles of playwriting, acting, directing, and design (sets, lights, and costumes). Includes a study of the various genres of drama, theatre structures, and historical trends.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54.

Reading for Academic Success Placement Scores: ACT 13-16, COMPASS 55-74

No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher

IO = Infrequently Offered Course

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College Personnel

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Administration

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<i>Fuentez, Tammy</i>	<i>Vice President of Student Affairs</i>	B.S. & M. S.
<i>Newberry, Leanna</i>	<i>Vice President of Finance & Operations</i>	A.A. & B.S.
<i>Burke, Joe</i>	<i>Vice President of Academic Affairs</i>	A.A., B.A., & M.M.E.
<i>Colburn, David</i>	<i>Associate Dean of Career Technical Education</i>	M.A.
<i>Sara Harris</i>	<i>Associate Dean of General Education</i>	A.A., B.A. & M.A.
<i>Forbes, Lindi</i>	<i>Executive Director of Foundation & Alumni</i>	B.A.

Faculty

<i>Bartelli, Robert</i>	<i>Economics & Financial Services</i>	A.A.,B.B.A & M.B.A
<i>Beach, David</i>	<i>Mathematics</i>	B.S. & M.S.
<i>Beachner, Kim</i>	<i>Nursing</i>	B.S.N. & R.N.
<i>Brewer, Greg</i>	<i>Graphic Design</i>	B.F.A. & M.A.
<i>Brown, L. Gale</i>	<i>Radiography</i>	A.A.S. & B.S.
<i>Burke, Jack</i>	<i>Computer Science/Networking</i>	A.A.S., B.S. & M.S.
<i>Canipe, Joshua</i>	<i>English</i>	B.A., M.A., M.A.
<i>Colson, Allison</i>	<i>English</i>	B.A. & M.A.
<i>Coomes, Jill</i>	<i>Nursing</i>	M.S.N., R.N., A.R.N.P. & C.N.E.
<i>Duran, Tom</i>	<i>Communication</i>	A.A., B.A., & M.A.
<i>Ecoff, Douglas</i>	<i>Chemistry</i>	B.S., M.A., & D.A.
<i>Ford, John</i>	<i>Art</i>	B.F.A, M.A., & M.F.A.
<i>Ford, Lori</i>	<i>Computer Science</i>	A.S., B.S.E., B.S., & M.S.E.
<i>Gilpin, Rhonda</i>	<i>Nursing</i>	Ed.S., R.N., M.N. & C.N.E..
<i>Gouvion, Ralph</i>	<i>Mathematics</i>	B.S. & M.S
<i>Harding, Jennifer</i>	<i>Respiratory Care</i>	A.A.S.
<i>Head, Russell</i>	<i>Recording Arts Technology</i>	
<i>Huffaker, Brad</i>	<i>Sociology</i>	A.A., B.M., B.A., & M.A.
<i>Jagaer-Scott, Mary</i>	<i>Biology</i>	B.S. & M.D.
<i>Kipp, Melissa</i>	<i>Graphic Design</i>	B.S.
<i>Lakin, Travis J.</i>	<i>Communication & Debate/Forensics</i>	B.A., M.A., JD
<i>Mack, John</i>	<i>History</i>	B.A., M.A., M.Div., Th.D., PhD.
<i>Mead, Shawn</i>	<i>Accounting/Business</i>	B.S., & M.S.
<i>Miller, Kim</i>	<i>Mathematics</i>	A.A., B.A., B.A.Ed., & M.S.
<i>Moore, Ashley</i>	<i>Radiography</i>	A.A.S.
<i>Newby, Deborah</i>	<i>English</i>	B.A., M.A., & Ph.D. ABD
<i>Page, Julie</i>	<i>Patient Care Simulation Nurse Educator</i>	B.S.N. & R.N.
<i>Ridings, Patricia</i>	<i>Nursing</i>	B.S.N & R.N.
<i>Saathoff, Brooke</i>	<i>Psychology</i>	B.S., & M.S.

<i>Sevart, Melvetta</i>	<i>English</i>	A.A., B.S.Ed., & M.S.
<i>Spieth, Toni</i>	<i>Nursing</i>	M.S.N., R.N., A.R.N.P. & C.N.E.
<i>Sudarsanam, Bharathi P.</i>	<i>Biology</i>	B.Sc., B.Ed., M.Sc., & Ph.D.
<i>Whitcomb, Gregory</i>	<i>Music</i>	B.A. & M.A.

Professional Staff

<i>Allen, Nick</i>	<i>Academic Affairs</i>	B.A. & M.S.
<i>Barger, Karen</i>	<i>Assessment Coordinator</i>	B.S.
<i>Bishir, Gail</i>	<i>Student Support Services Math Specialist</i>	B.S.
<i>Blackburn, Sherrie</i>	<i>Cheer Coach</i>	
<i>Bohnenblust, Delyna</i>	<i>Director of Nursing</i>	Ed.D., M.S.N., R.N., A.R.N.P., & C.N.E.
<i>Bowdre, Glenda</i>	<i>Instructional Technology/Media Specialist</i>	
<i>Burzinski, Jody</i>	<i>Associate Dir. of Information Technology</i>	A.A. & B.S.
<i>Carter, Coleen</i>	<i>Instructional Support Computer Specialist</i>	A.S., A.A.S., & B.S.
<i>Cloke, Martha</i>	<i>Adult Education EES Specialist</i>	B.S.
<i>Crooks, Connie</i>	<i>Director of Respiratory Care</i>	A.S. & B.S.
<i>Downing, V. June</i>	<i>Director of Radiography</i>	R.T. Certificate, B.S.R.T., M.S., & Ed.S.
<i>Duncan, Patrick</i>	<i>Talent Search Educational Advisor</i>	B.S. & M.S.
<i>Eggers, Dana</i>	<i>Network/Training Coordinator</i>	A.A, B.S., & M.S.
<i>Fish, Jim</i>	<i>Director of Facilities & Auxiliary Services</i>	A.A. & B.S.
<i>Fugate, Megan</i>	<i>Administrative Assistant to the President & Board of Trustees</i>	A.S & B.S.
<i>George, Janice</i>	<i>Director of Human Resources</i>	A.A.S. & B.S.
<i>Ginn, Jennifer D.</i>	<i>Women's Head Volleyball Coach</i>	B.A
<i>Graue, Jeannette</i>	<i>Adult Ed Specialist</i>	B.A.
<i>Green, Jamie</i>	<i>Women's Head Basketball Coach</i>	B.S. & M.S.
<i>Haddan, Preston</i>	<i>Director of PREP Talent Search</i>	B.S., M.S., & G.A.C.
<i>Heeter, Terri</i>	<i>Adult Education/EES Specialist</i>	B.A.
<i>Hentzen, Megan</i>	<i>Accountant - Payroll/Benefits</i>	B.S. & B.A.
<i>Holmes, Angela</i>	<i>Director of Admissions</i>	A.S., B.P.A., & M.S.E.D
<i>Jack, Phillip</i>	<i>Director of Office Service</i>	A.A. & B.S.T.
<i>Jack, Sam</i>	<i>Tutor Success Specialist</i>	A.A. & B.A.
<i>Johnson, Armando</i>	<i>Men's Basketball Coach</i>	A.A., B.A. (2) & B.S.
<i>Johnston, Kathy</i>	<i>Director of Financial Aid/Registrar</i>	A.A. & B.I.S.
<i>Keal, Aaron</i>	<i>Athletic Director/Baseball Coach</i>	B.S. & M.S.
<i>Kendrick, Bethany</i>	<i>Director of Public Relations</i>	A.A. & B.S.
<i>Kepner, Juliana</i>	<i>Student Support Service/Academic Advisor/English Tutor</i>	A.A. & B.A.
<i>Kibler, Cathy</i>	<i>Accountant - Accounts Receivable</i>	A.A.S., A.S. & B.S. M.B.A.
<i>Kirkpatrick, Kelly</i>	<i>Director of Student Support Services</i>	B.S. & M.S.
<i>McCune, Lucille</i>	<i>Office Technology Coordinator</i>	M.S.
<i>McKenzie, Ben</i>	<i>Athletic Trainer</i>	A.A., B.A. & M.L.S.
<i>Mitchell, Ricardo</i>	<i>Student Support Services Acad. Advisor</i>	A.A.S. & B.S.
<i>Monroe, Regan</i>	<i>Adult Education/EES Specialist</i>	B.S.
<i>Moon, Tracie</i>	<i>Programmer</i>	A.S.
<i>Moore, Linda</i>	<i>Criminal Justice Coordinator</i>	B.S.
<i>Moore, Rebecca</i>	<i>Talent Search Educational Advisor</i>	B.S.
<i>Morgan, Gwen</i>	<i>Director of Student Success Center</i>	B.S., M.S. & Ed.S. (2)
<i>Nance, Connie</i>	<i>Finance and Operations Specialists</i>	A.A.S & B.A.
<i>Nutt, Cody</i>	<i>Computer Support Technician</i>	A.A.
<i>Palmer, Melissa</i>	<i>Accountant - Accounts Payable</i>	B.A.
<i>Phillips, Ryan</i>	<i>Women's Softball Coach</i>	A.A., A.S. & B.S.
<i>Rabig, Anthony J.</i>	<i>Director of Information Technology</i>	B.A. & M.L.
<i>Renfro, Joe</i>	<i>Wrestling Coach</i>	B.S.
<i>Roach, Rebecca</i>	<i>Admission Advisor / Recruiter</i>	B.A.
<i>Tullis, Cheryl</i>	<i>Adult Education/EES Specialist</i>	B.S.Ed
<i>Walker, Elizabeth</i>	<i>Outreach Director</i>	B.M. & M.M.
<i>Warren, Becky</i>	<i>Research Specialist</i>	A.S. & B.S.

Wass, (T.J.) Tim
Zollars, Scotty

Student Life Specialist
Director of Library Services

A.A., B.A. & M.A.
B.A. & M.L.S.

Educational Support Staff

<i>Alexander, Kimberly</i>	<i>Student Affairs Assistant Coach</i>	
<i>Babb, James</i>	<i>Custodian Supervisor</i>	
<i>Bateman, Shelly</i>	<i>Food Service</i>	
<i>Cares, Erlene</i>	<i>Library Aide</i>	
<i>Clay, Fran</i>	<i>Athletic Secretary</i>	A.A.S. (3)
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<i>Cornell, Verlene</i>	<i>Bookstore Assistant</i>	A.A.
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<i>Evans, Tonya</i>	<i>Adult Education Secretary</i>	A.A.S.
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<i>Giefer, Pam</i>	<i>Student Affairs Assistant/Registrar</i>	
	<i>Public Relations</i>	
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<i>Harmon, Jennifer</i>	<i>Facilities Secretary</i>	A.A.S. (2)
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<i>Heflin, Matthew</i>	<i>Library Aide</i>	A.A.S.
<i>Hembree, Lois</i>	<i>Bookstore Manager</i>	A.A.S.
<i>Jack, Sam</i>	<i>Tutor Success Specialist</i>	A.A. B.A.
<i>Johnson, Amy</i>	<i>PREP Talent Search Assistant</i>	M.A., B.A., A.A
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<i>Kepley, Peggy</i>	<i>Receptionist/Switchboard Operator</i>	A.S.
<i>Knaup, Susan</i>	<i>Satellite Campus Assistant</i>	B.S.
<i>Larkin, Trish</i>	<i>Student Affairs Assistant/Admissions</i>	A.S.
<i>Maffei, Peggy</i>	<i>Instructional Assistant</i>	A.A.S.
<i>Mead, Genelle</i>	<i>Library Aide</i>	B.S. & B.A.
<i>Mott, Penny</i>	<i>Financial Aid Assistant</i>	A.A.S. & B.S.
<i>Piva, Kylie</i>	<i>Public Relations</i>	B. S.
<i>Rabig, Carol</i>	<i>Instructional Assistant</i>	
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<i>Seal, Nancy</i>	<i>Financial Aid Assistant</i>	A.S.
<i>Shields, Debra</i>	<i>Food Service</i>	
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<i>Yanez, Ryan</i>	<i>Custodian</i>	
<i>Yockey, Trudy</i>	<i>Food Service</i>	

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