



2023-24

CATALOG

2023-24 CATALOG

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ADMISSIONS & RECORDS



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CONFIDENTIALITY

Confidentiality of Financial Records

The General Education Provision Act of 1974, as amended by the Family Educational Rights and Privacy Act of 1974, provides for privacy safeguards for students and families by setting up guidelines for the disclosure of education records and personally identifiable information.

The law provides that financial assistance records of a student may be inspected by that student with the following exception: The Financial Assistance Office will not release to a dependent student the financial records of his or her parents without the written consent of the parents.

Confidentiality of Student Records

In compliance with the Family Educational Rights and Privacy Act of 1974, St. Charles Community College affords students the right to inspect official records directly relating to them. The act does not permit the college to provide information regarding grades, transcripts or schedules to parents of SCC students without written consent of the student. Consent forms are available in the Enrollment Services Department.

STUDENT RESPONSIBILITY FOR CATALOG INFORMATION

This catalog is effective beginning Aug. 11, 2023, for the 2023-24 academic year. Each student is responsible for compliance with the information appearing in the catalog. Failure to read the regulations and policies will not be considered an excuse for noncompliance.

ADMISSIONS POLICY

St. Charles Community College maintains an open-admissions policy providing higher education to all persons who can benefit from its programs and courses. The college serves students from a variety of educational backgrounds. Once admitted to SCC, you may enroll in any course or program as long as individual course prerequisites are met and space for effective instruction is available. The college may guide your enrollment based on Academic Skills Assessments, interviews, previous achievement and other criteria as explained in this section. If you do not meet the standards for admission into college-level courses, you may enroll in developmental courses designed to help you strengthen your skills. These developmental courses may be offered on a credit or non-credit basis. Students applying for the programs with selective admissions criteria may be required to take additional tests for admissions purposes. Before you register for credit courses, you must be admitted to the college. You may apply for admission anytime during the year.

PLANNING PROGRAMS OF STUDY

Transfer and Pathway Guides

Students who wish to graduate from SCC and transfer with junior standing should carefully plan a program of study to meet the requirements needed for the major at the transfer institution. Contact the Academic Advising Department concerning academic advising and the transfer process.

Suggested pathway guides are available for college programs. These guides indicate how you may complete your course of studies within a particular time frame. There are also transfer guides available for many majors at area colleges and universities.

FULL-TIME COURSE LOAD AND FRESHMAN-SOPHOMORE CLASSIFICATION

Students at SCC are classified according to hours enrolled and hours completed. Part-time students earn fewer than 12 hours per semester, while full-time students carry 12 or more. During the summer semester, full-time student status requires 6 or more credit hours (for academic purposes). Full-time status for financial aid in the summer is 12 or more credit hours.

A veteran, in order to receive maximum assistance under the Veterans Education Law (G.I. Bill), must carry at least 12 hours of credit per semester.

COURSE LOAD	FALL/SPRING	SUMMER
Full time	12 or more hours	6 or more
Part time	11 hours or fewer	5 or fewer

A freshman is any student who has completed fewer than 30 credit hours; a sophomore has completed 30 credit hours or more.

Except as indicated below, the maximum number of credit hours for which a student may enroll during the fall or spring is 18. During the summer, the maximum is 10 hours taken concurrently.

It is recommended that the maximum course load for each of the following academic sessions be observed:

Maximum Course Load

ACADEMIC SESSION	COURSE LOAD
Summer	10 credit hours
Fall	18 credit hours
Spring	18 credit hours

Repeated courses count as part of the course load.

Students with a superior scholastic record may be permitted to register for more than the recommended maximum providing they meet the following GPA prerequisites:

- 2.75 GPA – approved to take 19 hours
- 3.00 GPA – approved to take 20 hours
- 3.50 GPA – approved to take 21 hours

Students wishing to take more than 21 hours must receive special permission from the Academic Affairs Office.

SENDING TRANSCRIPTS TO SCC AND TRANSCRIPT EVALUATION

When transferring to SCC from another institution, you must complete the following steps:

Have official transcripts from EACH institution that you attended sent to the Enrollment Services Department.

- Credits for courses with passing grades may be accepted at the college's discretion.
- To have the credits taken at other institutions evaluated, submit a Request for Transfer Evaluation Form (PDF) to the Enrollment Services Department and declare a degree.
- Accepted transfer credits will be included in the cumulative hours of credit but will not be calculated in the grade point average.
- You will receive a transfer evaluation report indicating how the courses were accepted. Please allow two weeks for an evaluation from the time the transcripts are received.
- Transcripts sent to SCC will not be automatically reviewed unless the student has requested in writing that a review be made.
- To Appeal Your Evaluation: Send a letter requesting the appeal; documentation (course description and syllabus) supporting your requested change to:

Transcript Evaluator SCC Main
 St. Charles Community College
 4601 Mid Rivers Mall Drive
 Cottleville, MO 63376-2865

- The transcript evaluator will submit your request and documentation to the division dean for review. A decision will be made within 7-10 days. *If you are unsatisfied with the decision of the Dean you may then submit your appeal to the Vice President for Academic Affairs..
- Missouri's Coordinating Board for Higher Education approved a credit transfer policy that states that any transfer student who believes there has been unfair treatment involving acceptance of college credits may appeal the evaluation. Information regarding the Missouri Department of Higher Education appeal process may be found at:
<https://www.stchas.edu/academics/grades-transcripts-records/>

NON-TRADITIONAL CREDIT (AP/CLEP)

Types of Non-Traditional Credit

Credit granted through one of the non-traditional processes will count towards the total credits earned towards graduation; however, the credit will not be calculated into the cumulative GPA. Colleges or universities to which you may transfer might not accept this credit. Likewise, SCC may or may not accept credit by examination taken elsewhere. Each institution makes its own evaluation of these issues.

College Level Examination (CLEP)

The College Level Examination (CLEP) allows for the evaluation of knowledge acquired through sources other than traditional college course work. SCC will grant credit for certain subject CLEP examinations according to departmental guidelines. SCC does not grant credit for general CLEP exams.

College Level Examination (CLEP) Required Scores

COURSE/ SUBJECT AREA	SCORE REQUIRED	HOURS GRANTED	SCC EQUIVALENT
American Government	50	3	POL 101
American History 1	50	3	HIS 101
American History 2	50	3	HIS 102
Management	50	3	BUS 201
Marketing	50	3	BUS 230
Psychology	50	3	PSY 101
Sociology	50	3	SOC 101
Western Civilization 1	50	3	HIS 145
Western Civilization 2	50	3	HIS 146

Advanced Placement (AP)

Administered through area high schools, Advanced Placement allows a student to gain college credit through subject area testing.

Advanced Placement Required Scores

COURSE/ SUBJECT AREA	SCORE REQUIRED	HOURS GRANTED	SCC EQUIVALENT
Art History	3	6	ART 1500 & ART 1505
Biology	3	4	BIO 150
Pre-Calculus	3	6	MAT 171
Calculus AB	3	5	MAT 180
Calculus BC	3	10	MAT 180 & 230
Chemistry	3	5	CHM 115
Psychology	3	3	PSY 101
U.S. Government & Politics	3	3	POL 101
U.S. History	3	3	HIS 101
College Statistics	3	4	MAT 157
Introductory Statistics	4,5	3	MAT 175
Computer Science A	3	3	CPT 189
Computer Science Principles	3	3	CPT 115
Environmental Science	3	3	BIO 122
Macroeconomics	3	3	ECO 110
Microeconomics	3	3	ECO 120
Physics 1: Algebra-Based	3	3	General Physics 1 (credit awarded for lecture only)
Physics 2: Algebra-Based	3	3	General Physics 2 (credit awarded for lecture only)

Human Geography	3	3	GEO 100
(credit will not be awarded towards the A.A.T. degree)			
English Language & Composition	3	3	ENG 101
English Literature & Composition	3	3	Humanities Elective
European History	3	6	HIS 145 and HIS 146
World History	3	6	HIS 202 and HIS 203
Comparative Government & Politics	3	3	POL 201

Departmental Exams

Credit may be granted to a student who has in-depth knowledge of a subject. Discuss with the appropriate department chairperson whether you are prepared to take an exam. The department may refuse to administer the exam based on the evaluation. The fee for the exam must be paid before taking the test. Credits earned by examination will be equated to a specific SCC course and will be designated under the category of “non-course work” on the academic transcript.

Retroactive Credit

If you are able to enroll in a higher level foreign language course, and upon completion of that course with a 75% or better grade, you may receive credit for the lower-level course or courses that were bypassed. Consult with the department chairperson for more information. Hours awarded vary.

Military Experience

Experience in the Armed Services may be considered for credit based upon recommendations of the American Council on Education Commission and the student's intended major. Submit a military transcript and you will be awarded 2 credit hours of Physical Education. Contact the financial aid officer/Veterans Services for information on obtaining a military transcript.

Contact Information

ADMISSIONS

636-922-8500 | admissions@stchas.edu

FINANCIAL AID

636-922-8234 | finaid@stchas.edu

TRANSFER INFORMATION

transfer@stchas.edu

TUITION & FINANCIAL ASSISTANCE



FINANCIAL ASSISTANCE

Grants, loans, scholarships, veterans benefits and part-time employment are available to St. Charles Community College students who qualify. Most awards are based on need and require you to maintain a minimum grade point average. Most awards are made for one academic year only. Students who wish to be considered for financial assistance should apply for admission to SCC and submit an application for federal financial assistance.

For detailed information on cost of attendance, payment of tuition and fees, financial assistance, payment plans, third-party billing, refund policy and residency in the district, visit www.stchas.edu/admissions, www.stchas.edu/admissions/financial-aid and www.stchas.edu/admissions/tuition-payment.

STUDENT SUPPORT SERVICES

DEGREE AUDITS

Degree audits (a calculation of courses needed for a degree or certificate) are available through a student's *mySCC* portal. The degree audit is for advisement purposes only. It is not a substitute for the official degree audit required by the registrar for graduation. It is not to be considered as an application for graduation.

EMERGENCY SERVICES AND PHONE CALLS

If a person is seriously injured or becomes ill on campus, the community assistance 911 number or the Department of Public Safety (636-922-8545) should be called immediately. In any injury incident, whether or not it is an emergency, the Department of Public Safety should be immediately notified. An incident report must be filed with the Department of Public Safety in all cases of injury and emergency. If emergency transportation and treatment at a health care facility are necessary, all costs are the responsibility of the person who is transported. Students may not receive phone calls at the college through a college phone number except in cases of emergency. In the event of an emergency, you will be contacted in class to return a phone call. The caller will be asked to provide a phone number to the Department of Public Safety and the nature of the emergency in order for the college to determine if the call warrants a student being removed from class. DPS may be reached at 636-922-8545.

SERVICES FOR STUDENTS WITH DISABILITIES

To apply for services you should schedule an appointment with the Disability Support Services (DSS) manager. The process includes a review of your documentation and an interview with the manager. Accommodations and disability status are approved on a case-by-case basis. Accommodations are arranged to ensure access to all programs/courses at SCC.

New students should apply to the college online and complete any required assessment test or submit ACT scores before meeting with the DSS manager. If accommodations are approved for the assessment tests, they will be provided through DSS and must be scheduled ahead of time.

Contact Information

636-922-8247 | dss@stchas.edu
www.stchas.edu/academics/student-life/student-services/disability-support-services

CAREER SERVICES

Career counselors are here to help you with all aspects of your job search as well as career exploration and career research. Many students are undecided about their future major or career. Career counselors can assist you with this decision-making process by providing one-on-one career counseling, administering and interpreting career tests, and teaching you how to use career resources in our office and online.

If you are looking for a job or internship, career counselors can help you write your resume, prepare for job interviews, and learn how to use networking and online resources to secure a job or internship.

Contact Information

636-922-8244 | careerservices@stchas.edu

You will find additional information at:

www.stchas.edu/academics/career-services-center/

COLLEGE POLICIES

ACADEMIC AND GENERAL



STUDENT RESPONSIBILITIES

STUDENT CONDUCT CODE

GRADUATION REQUIREMENTS

REPEATING A COURSE

COURSE AUDITS

ATTENDANCE

WITHDRAWAL

STUDENT RESPONSIBILITIES

We believe that students are responsible for their learning. Similarly, student rights accompany exercise of responsibility for learning.

- Selecting a program of study that is consistent with his/her abilities and interests.
- Selecting coursework that corresponds with his/her program of study and readiness level.
- Enrolling in a schedule of classes appropriate to the time and effort that he/she will allocate to academic requirements.
- Being attentive and participating in class activities.
- Completing all class assignments as directed by the instructor or course syllabus.
- Complying with all college announcements and requirements found in the catalog and official publications.
- Seeking appropriate support services to improve his/her level of academic achievement and to enhance the quality of college life.
- Behaving in a humane and ethical manner both in the classroom and in all communication and contact with the instructor, other staff members and other students.
- Students are expected to attend all class sessions and report to each session on time. If an absence occurs, students are responsible for all work missed. Excessive absences that jeopardize successful completion of the course (as outlined in the course syllabus) may result in a lowered or failing grade in the class.

STUDENT CONDUCT CODE

Students enrolling at SCC are to conduct themselves in a manner compatible with the educational purposes of the college. If you fail to do so, the college will institute appropriate disciplinary action, which may include dismissal. Specifically, students are expected to comply with federal, state and local laws concerning activities prohibited on public school property and at college-sponsored functions. Civil disobedience, assault, forgery, gambling, immoral conduct, libel, theft, use and sale of alcoholic beverages and other dangerous drugs, vandalism, or possession of firearms, explosives, dangerous chemicals, or other weapons are prohibited while on college property or at a college-sponsored event. Students who hold a conceal and carry permit or endorsement may not bring firearms on campus. The full student code of conduct policy and procedures can be found at www.stchas.edu/about-scc/administration/board-policies/410studentconductdisciplineanddueprocess

GRADUATION REQUIREMENTS AND PROCEDURES

Graduation Requirements

The requirements for graduation at St. Charles Community College are those specified in the college catalog at the time a student enrolls or of any subsequent catalog as long as the student enrolls in at least one fall or spring term each academic year (August-May). If you change programs, you will be expected to meet the graduation requirements of the catalog in effect at the time of your program change. (See sections on Graduation Requirements in the chapter on Academic Programs – Degrees and Certificates in this catalog.)

In the case of curriculum changes, academic deans may make adjustments to your educational plan to meet program requirements. Every effort will be made to count earlier course work in a way most beneficial to the student in fulfilling current requirements. Students are subject to all policies/regulations stated in the most recent catalog.

Applying for Graduation

Students who will complete requirements for a degree must apply for graduation. "Apply to graduate" means you want your degree conferred and officially recorded on your academic transcript.

To be eligible for graduation from SCC, you must adhere to the following:

- **Check the current academic calendar for priority application deadlines.** The calendar can be found online at www.stchas.edu/events.
 - 1) Please note, the priority deadline allows the Office of Admission Registration and Records ample time to review applications, to ensure that all requirements for graduation have or will be met, and to allow students the time to make course adjustments before the close of registration of their final semester.

Application received after the priority deadline will be processed, however you may not have ample time to make course adjustments in order to meet program requirements.
 - 2) Spring and Summer graduates who wish to participate in the May commencement ceremony must file an application for graduation by March 1.
- Apply for graduation by login into my SCC Portal > SCC Connection > Student > Student Self-Service > Apply for Graduation.

In order to graduate students must:

- Meet all requirements of the degree/certificate program as outlined in the college catalog, with at least 15 of these credit hours earned at SCC.
- Earn a cumulative grade point average of at least 2.0 and be in good academic standing.
- Resolve all financial obligations to the college and return all library and college materials.

- Students who plan to earn a degree at SCC will need to meet the requirements of the catalog in effect when they first enrolled or of any subsequent catalog as long as they enroll in at least one fall or spring term each academic year (August-May).
- If you decide to postpone your graduation to a future semester please email enrollment@stchas.edu before your original anticipated date of graduation.

Issuance of Diplomas

Diplomas earned for December and May graduates will be mailed in June based on the address provided on the Graduation Application. August diplomas will be mailed in September. Degrees earned will be posted on the student transcript at the time all degree requirements are verified as met. Students may request a transcript by accessing the National Student Clearinghouse link at www.getmytranscript.com (a third-party website).

Commencement Exercises

Commencement exercises are held annually in May. Students who are graduating in May and graduates from the previous December may participate in the exercises, along with those who have applied for and been tentatively accepted to graduate in the coming August.

Earning More Than One Degree

- A separate application must be filed for each degree or certificate whether they were earned at the same time or during different semesters.
- The specific requirements of each degree or certificate must be completed.
- If two degrees or certificates are earned at the same time, the graduation fee for the second is \$10. If the second degree or certificate is earned in another semester, the \$30 graduation fee must be paid each semester that a degree is awarded.

REPEAT OF A COURSE

You may repeat one time any credit course for which you did not receive at least a "C" for graded courses, or a grade of "P" for pass/fail courses. Exceptions to this rule include PE activity courses and some music courses. If the course can be repeated and have multiple attempts count toward graduation hours, then all attempts count in the cumulative GPA. "Ws" or withdrawals from a course are treated as an attempt. All grades from each attempt are recorded on the transcript, but SCC will use the higher grade to calculate the grade point average (GPA). Some colleges and universities will recalculate the grade point average for admissions purposes and include both grades earned. Students wishing to attempt a course for the third time must speak with an advisor or the department chair to obtain permission to enroll. In general, courses may not be attempted a fourth time. Where courses are a part of a sequence (English, math, reading), students may enroll in or audit the prerequisite course in order to acquire the prerequisite skills necessary for a successful fourth attempt. For financial assistance eligibility, all attempts will count towards maximum hour limits and completion ratio.

AUDITING A COURSE

If you wish to attend a course without taking an examination or receiving credit for the course, you may register on an audit basis. Students who register on an audit basis will pay the regular tuition rate and must meet the course prerequisites or receive special permission from the instructor. Audit students must adhere to the same policies and procedures as all students. If you wish to change from audit to credit or from credit to audit after the course is under way, you must request the change. Email the Office of Admissions Registration Records at enrollment@stchas.edu from your SCC email within the first four weeks of classes (prorated for different parts of term). Students cannot count audited courses to establish full-time status and will not fulfill degree/certificate requirements.

CHANGE OF ACADEMIC PROGRAM

Students wishing to change their degree/certificate must complete a Change of Degree form. It can be found at www.stchas.edu/academics/academic-advising.

ATTENDANCE

General Policy

The college has no plan of recognized class absences. You should attend all class meetings in which you are enrolled. Excessive absence may be sufficient cause to fail the course. For distance classes, "attendance" will be defined as active participation in the course as described in the individual course syllabus. The final decision as to what constitutes excessive absence from a class is left to the instructor and will be outlined in the course syllabus. Students should discuss any absences with their instructor. Students who are absent from classes while participating in college-sponsored events or activities will not be automatically penalized for the absence. It is the expectation that students will normally be excused from class except under extraordinary circumstances.

Students must complete the following procedures to determine the outcome of their absence for each missed class:

- 1) Students are responsible for notifying their instructors in advance of the absence. When possible, contact your instructor at least two weeks before the event/activity. Face-to-face interaction between student and instructor is preferred.
- 2) **In advance of the activity, students must provide their instructor(s) a completed Event Form for each missed class. Student Event Forms are available to student athletes in CC 104 and for members of clubs and organizations in CC 102. This form will help you discuss the potential effects of the absence with your instructor.**
- 3) Students are expected to make up any classwork in a time frame to be determined by the instructor. When a test is scheduled for the day of the expected absence, students should discuss with their instructor how to make other arrangements to take the test. You should use the Assessment Center for make-up tests.
- 4) If you fail to inform the faculty in advance of the expected absence, the absence may or may not be accommodated at the instructor's discretion.
- 5) **Absences for the student-related activity may be reflected in your attendance record.**

WITHDRAWAL FROM COURSES

Students who wish to withdraw from a course or courses may do so within the mySCC Portal > SCC Connection > Student Planning or by emailing advising@stchas.edu for assistance. Please review the www.stchas.edu/events calendar for deadlines. Please contact the Financial Aid office to determine how withdrawing from the course may impact your financial aid award.

Discontinuing a course will affect your transcript (permanent record) as follows: A student who withdraws officially from a course before the end of the 12th week of class meetings will receive a "W" for the course. If you simply stop attending class and do not officially withdraw from the course, you will receive an "F" grade for the course. The approved withdrawal dates are prorated for courses fewer than 16 weeks in length and for interim and summer sessions. The Veterans Administration may interpret the withdrawal from courses differently, so veterans should check with the Financial Aid Office.



GRADING AND ACADEMIC HONORS



GRADING SYSTEM

GRADE GRIEVANCE POLICY

REVIEW OF ACADEMIC STATUS

**SATISFACTORY ACADEMIC
PROGRESS**

SCHOLASTIC HONORS

TRANSCRIPTS

GRADING SYSTEM

Grading symbols and corresponding grade points are listed below. Some symbols are not grades but designations of administrative action regarding course work.

A (Excellent) Student has demonstrated outstanding proficiency in mastering course objectives. (4 grade points per credit hour in computation of grade point average.)

B (Above Average) Student has demonstrated above-average proficiency in mastering course objectives. (3 points)

C (Average) Student has demonstrated average proficiency in mastering course objectives. (2 points)

D (Below Average) Student has demonstrated below-average proficiency in mastering course objectives. (1 point)

F (Failing) Student has not demonstrated a minimum passing proficiency in mastering course objectives (0 points)

I (Incomplete) Due to extenuating circumstances, a student may be given an extension of time by the instructor to complete course objectives. The "I" can be issued only at the discretion of the instructor. Once you are issued an "I," you may not withdraw from the course in which the "I" was issued. The "I" must be made up by the midterm of the following semester or it will become an "F" grade. The incomplete must be completed with the instructor who originally issued the "I." The "I" does not count in computation of grade point average.

P (Pass) Student has completed the course work satisfactorily. This mark is used for most developmental courses and other courses at the discretion of the college. (Does not count in computation of grade point average.)

R (Re-enroll) The student has made satisfactory progress but should re-enroll until the course objectives are completed. This mark is used for developmental courses only. (Does not count in computation of grade point average.)

V (Audit) Student's final registration in the course was on an audit basis (no credit). (Does not count in computation of grade point average.)

W (Withdrawal) A "W" is not a grade, but an indication of administrative action requested by the student. You must officially withdraw from a course **based on the dates listed on the Academic Calendar found at www.stchas.edu/events**. For courses shorter than the normal semester, the withdrawal period will be prorated. A "W" may not be changed to a grade. (Does not count in computation of grade point average.)

AW (Administrative Withdrawal) The grade of "AW" will be assigned to those courses that have been administratively withdrawn from a student's record. A grade of "AW" will not count in a student's grade point average but will count in their overall completion ratio. See Board Policy 439 Withdrawal.

Z Administratively unable to give a grade at this time.

SCHOLASTIC HONORS

Full-time students who earn a 3.50 or above semester grade point average in 12 or more semester hours of credit and part-time students who earn at least a 3.50 GPA for each cumulative 12 credit hours will be named to the Dean's List. Developmental courses, pass/fail courses, transfer credits and courses in which incomplete grades were received do not count toward the credit hours.

The Associate of Arts, Associate of Fine Arts, Associate of Arts in Teaching, Associate of Science, and Associate of Applied Science degrees and certificates will be granted with the following designations to candidates of superior academic achievement:

Cumulative GPA of at least 3.50-3.74 – Honors

Cumulative GPA of 3.75-3.99 – High Honors

Cumulative GPA of 4.0 – Highest Honors

Indication of scholastic honors at the commencement ceremony will be based on the previous fall semester cumulative GPA.

GRADE GRIEVANCE POLICY

Students with concerns about grades should, whenever possible, first approach the instructor for clarification/resolution. Concerns about final grades must be expressed by the end of the next regular semester. If, after contacting the instructor, you still have concerns, you should address them to the appropriate program coordinator and/or department chair who will work with you and the instructor to resolve the matter. If the department is unable to remedy the situation, you should address your concerns to the division dean. If resolution still is not achieved, you may then appeal in writing to the Office of Academic Affairs and Enrollment Management. Anonymous calls or unsigned letters will not be acknowledged. Only concerns expressed by the individual student involved will be addressed.

REVIEW OF ACADEMIC STATUS

The college recognizes that extenuating circumstances occur from time to time that may warrant further review of a student's academic progress. Contact Academic Advising for more information.

NOTE: Students with concerns about course requirements, class procedures, teaching styles or grades should follow the procedure outlined in the Procedure for Addressing Student Concerns section of the catalog.

SATISFACTORY ACADEMIC PROGRESS

St. Charles Community College (SCC) has academic standards that all students must meet. It is necessary for students to maintain a sufficient grade point average (GPA) to graduate from SCC, transfer to a four year college or start a career. Students who meet SCC academic standards are making "satisfactory academic progress" and are in "good standing."

To stay in "good standing," students must maintain a cumulative GPA of 2.0 after they have earned 15 college credit hours or more at SCC.

WHAT HAPPENS IF MY GPA DROPS BELOW 2.0?

Academic Warning: A student is placed on academic warning when their cumulative GPA falls below 2.0 for the first time.

Academic Probation 1: A student is placed on mandatory Academic Probation 1 when their cumulative GPA falls below 2.0 in two consecutive terms. The student is also required to enroll for classes with an academic advisor after completion of the workshop and is limited to a maximum of 13 credit hours.

Academic Probation 2: A student is placed on Academic Probation 2 when their cumulative GPA remains below a 2.0 for a third consecutive term. The student is also required to enroll for classes with an academic advisor after completion of the workshop and is limited to a maximum of 13 credit hours.

Academic Suspension: A student is placed on Academic Suspension when their cumulative GPA remains below a 2.0 for a fourth consecutive term. Students will be prohibited from enrolling in courses the semester following the suspension status.

Academic Dismissal: A student will no longer be allowed to attend SCC unless they are academically reinstated by (the Director of Advising Services). Students must wait a minimum of one semester to appeal this status (summer semester excluded). For a detailed list of procedures to apply for academic reinstatement, contact the Director of Advising Services at 636-922-8723.

WHAT IF I GET SUSPENDED?

Suspended students will be required to sit out a semester to reevaluate their academic plans. Students may return the following semester. A meeting with the Director of Academic advising is required to enroll in classes. Enrollment is restricted to 13 credit hours.

Students wishing to appeal the layout period and remain continuously enrolled, may make an appointment to speak with the director of advising services at 636-922-8723.

After returning from suspension students are required to maintain a 2.0 term GPA each semester that they attend SCC. A meeting with an academic advisor is required to enroll for classes.

Students who do not earn at least a 2.0 term GPA will be academically dismissed.

TO REQUEST A TRANSCRIPT

We offer electronic transmission of official transcripts. Students can track their status and be notified via text or email when the transcript has been sent.

You may request a transcript by accessing this link: www.GetMyTranscript.org. In addition, in-person requests can be made at the Office of Admissions, Registration and Records.

STUDENT RIGHTS



ADDRESSING STUDENT CONCERNS

EXTERNAL RESOLUTION OPTIONS

**NON-DISCRIMINATION
AND EQUAL OPPORTUNITY**

**SEXUAL MISCONDUCT, NON-DISCRIMINATION,
APPEAL & GRIEVANCE**

PROCEDURE FOR ADDRESSING STUDENT CONCERNS

Students with concerns about course requirements, class procedures, teaching styles or grades should whenever possible first approach the instructor for clarification/resolution. Concerns about final grades must be expressed by the end of the next regular semester. If, after contacting the instructor you still have concerns, you should address them to the appropriate program coordinator and/or department chair who will work with you and the instructor to resolve the matter. If the department is unable to remedy the situation, you should address your concerns to the division dean.

Individual departments may establish their own internal procedures for handling student concerns. If the division is unable to remedy the situation, you may then appeal in writing to the Office of Academic Affairs. Anonymous calls or unsigned letters will not be acknowledged. Only concerns expressed by the individual student involved will be dealt with.

Employees of the college may not legally discuss matters pertaining to non-minor students with parents, spouses, friends or classmates without a signed release from the student. The student complaint form can be found at www.stchas.edu/academics/college-catalog/student-rights.

EXTERNAL RESOLUTION OPTIONS

The Missouri Department of Higher Education serves as a clearinghouse for post-secondary student complaints. The MDHE complaint policy may be found at dhe.mo.gov/documents/POLICYONCOMPLAINRESOLUTION-REVISEDRAFT.pdf. This web page contains information about the complaint process and includes instructions for how to file a formal complaint. Note that the policy provides that a student who wishes to file a complaint with the department must first exhaust all formal and informal avenues provided by the institution to resolve disputes.

The Office for Civil Rights (OCR) enforces several Federal civil rights laws that prohibit discrimination in programs or activities that receive financial assistance from the Department of Education. A complaint can be filed by anyone who believes that an education institution that receives Federal Financial assistance has discriminated against someone on the basis of race, color, national origin, sex, disability, or age. The complaint form can be found at <http://www2.ed.gov/about/offices/list/ocr/complaintintro.html>.

Additionally, students may also contact:
Higher Learning Commission
230 South LaSalle Street, Suite 7-500
Chicago, IL 60604-1411
800-621-7440; Fax: 312-263-7462

NON-DISCRIMINATION AND EQUAL OPPORTUNITY

The College is committed to non-discrimination and equal opportunity regarding the treatment of students, faculty and staff. The College adheres to a strict non-discrimination policy in student admission, educational programs, activities, and employment regardless of race, color, sex, sexual orientation, religion, creed, national origin, ancestry, age, veteran status, disability, or genetic information. The College is an Equal Opportunity Employer.

The College maintains a complaint procedure for the purpose of investigating and providing prompt and equitable remedy.

SEXUAL MISCONDUCT, NON-DISCRIMINATION, APPEAL & GRIEVANCE

SEXUAL MISCONDUCT

Sexual misconduct is prohibited and the College provides comprehensive procedures in compliance with Title IX of the Education Amendments of 1972, Violence Against Women Act (VAWA), Title VII of the Civil Rights Act, Jeanne Clery Act, and similar laws and regulations.

“Sexual Misconduct” is a broad term that includes sex discrimination and any non-consensual behavior of a sexual nature committed by force or intimidation or that is otherwise unwelcome. Sexual misconduct includes behaviors such as sexual assault, rape, domestic violence, dating violence, sexual harassment, sexual exploitation, and stalking.

For additional information on:

- **Evidence Preservation**
- **Law Enforcement**
- **Ex-Parte Orders of Protection**
- **Confidentiality**
- **How to file a report of concern**
- **Rights of involved parties in cases involving allegations of sexual harassment and sexual violence**
- **Intentional false reportings and reports made in bad faith**
- **Sanctions and Appeals**
- **Education/Training**
- **Risk Reduction**
- **Retaliation and Definitions**

Please consult the Student Handbook —“Sexual Misconduct, Non-discrimination, Appeal & Grievance” section at stchas.edu/studenthandbook.

Contact Information

TITLE IX COORDINATOR
636-922-8723 | olopez@stchas.edu

DIRECTOR OF STUDENT LIFE
636-922-8238 | studentlife@stchas.edu



ACADEMIC PROGRAMS

DEGREES AND CERTIFICATES

Instructional programs at St. Charles Community College offer you several options in attaining long-term or short-term educational goals.

If your goal is to complete requirements for the first two years of a bachelor's degree, you can enroll in SCC's college transfer program. The transfer program contains courses that parallel the first two years of study at many four-year institutions.

Another option is the career-technical program pathway. You can earn a certificate or degree that leads directly into the job market upon graduation from SCC. These one- and two-year programs allow you to match your career skills with jobs available in today's rapidly changing work force.

If you would like to take college-level classes but are unable to come to campus on a regular basis, you may take advantage of distance learning courses such as online courses.

A listing of courses offered for a specific semester can be found at: www.stchas.edu/online

Of course, not everyone comes to college seeking a degree, so SCC offers you the option to take credit classes one at a time to update job skills or for personal enrichment. Or, if you need to improve basic reading, writing and math skills before enrolling in college-level work, we encourage you to find out more about developmental programs and special study skills classes.

Descriptions of SCC credit courses begin on p. 105 or can be found online. Look under the "Academics" section online at: www.stchas.edu

The academic skills assessment is required before enrolling in math or English courses. If a student places into lower-level courses than are required for his/her degree, the student needs to first enroll in such course before enrolling in the required courses.

For a complete listing of Academic Programs and degree plans visit our website at: www.stchas.edu/academics/majors-degrees-certificates

Transfer Pathways Guides may be found on the college website: www.stchas.edu/pathways

To compare specific career and salary information for each degree or certificate offered by SCC go to:

<https://scorecard.mo.gov/scorecard/>

The Missouri Scorecard is a publicly available website that combines a searchable program inventory with additional information on program costs, program student demographics, graduate outcomes (earning and employment) and a program comparison function.

Once on the site:

- Type in St. Charles Community or select SCC from the school drop down.
- After selecting St. Charles Community College you may also select degree/credential type (Associate Degree or Certificate) or field of study. If you do not make a selection in those fields you will get all fields offered by SCC



PROGRAM DEFINITIONS

Associate of Arts (A.A.)

The A.A. is awarded to students completing the requirements of the academic transfer program with a minimum of 64 semester hours including general education core requirements. It generally parallels the first two years of a Bachelor of Arts degree at a four-year institution.

Associate of Arts in Teaching (A.A.T.)

The A.A.T. is awarded to students completing the requirements of the academic transfer program for future educators. It is a 64-hour program that includes a general education core and elective/institutional requirements. It generally parallels the first two years of a Bachelor of Arts degree at a four-year institution.

Associate of Fine Arts (A.F.A.)

The A.F.A. is awarded to students completing the requirements of a specifically identified academic program available within this degree. Minimum credit hours vary based on the specific program. The Associate of Fine Arts degree is a transfer degree for students planning to pursue a bachelor's degree with a concentration in studio fine arts, graphic design, Art Education or music at either a four-year college, university or art school.

Associate of Science (A.S.)

The A.S. is awarded to students completing the requirements of a specifically identified academic program available within this degree. Minimum credit hours required varies based on the specific program. It generally parallels the first two years of a Bachelor of Arts degree or a Bachelor of Science degree at a four year institution.

Associate of Applied Science (A.A.S.)

The A.A.S. is awarded to students completing the requirements of one of the career/technical programs. Minimum credit hours required varies based on the specific program. Although this degree is not intended to be a transfer degree, some of the courses will transfer to four-year institutions.

Certificate of Achievement (C.A.)

Certificates are awarded upon completion of a prescribed sequence of courses for each program. Normally, two semesters are necessary to complete the requirements for a one-year certificate.

Certificate of Specialization (C.S.)

This certificate is for people who desire information or skills in a specific area related to their current job. They usually can be completed in a short period of time.

PROGRAM REQUIREMENTS

Per college policy - individual students may be required to take COL 101.

The Academic Skills Assessment is required before enrolling in Math or English courses. If a student places into lower-level courses than are required for his/her degree, then the student needs to first enroll in such courses before enrolling in the required courses.

Any student entering a public institution of higher education for the first time after July 2019 who is pursuing an associate's or bachelor's degree from such institution shall successfully pass an examination on the provisions and principles of American civics with a score of seventy percent or greater as a condition of graduation from such institution.

Graduation Requirements

- Complete a minimum of 15 credit hours at SCC
- Earn a 2.00 cumulative grade point average.
- Students earning the Associate of Arts Degree must complete one of the following courses: BTC/CPT 103, CPT 115, ART 1105, EDU 220 or test for competency.

DEGREES

- A.A.S. Agriculture
- A.A.S. Accounting
- A.A.S. Baking & Pastry
- A.A.S. Business Administration
- A.A.S. Business Technology
- A.A.S. Computer-Aided Drafting
- A.A.S. Computer Science
(Computer Programming, Management Information Systems, Database Management, Data Analytics, Animation and Gaming, Global Information System Technician)
- A.A.S. Culinary
- A.A.S. Cyber Security
- A.A.S. Emergency Medical Science
- A.A.S. Exercise Science
- A.A.S. General Technology
- A.A.S. Graphic Design
- A.A.S. Information Technology
- A.A.S. Interdisciplinary Technology
- A.A.S. Law Enforcement
- A.A.S. Manufacturing Technology
- A.A.S. Mechatronics
- A.A.S. Multimedia and Web Development
- A.A.S. Networking
- A.A.S. Occupational Therapy Assistant
- A.A.S. Paraprofessional Studies
- A.A.S. Paraprofessional Studies Autism Specialist
- A.A.S. Skilled Trades
- A.A.S. Supply Chain and Logistics
- A.A.S. Welding

- A.A.T. Early Childhood Education Transfer Program
- A.A.T. Elementary Education Transfer Program
- A.A.T. Secondary Education Transfer Program

- A.F.A. Creative Writing
- A.F.A. Graphic Design
- A.F.A. Music
- A.F.A. Studio Art
- A.F.A. Theatre

- A.S. Agriculture
- A.S. Biology
- A.S. Chemistry
- A.S. Computer Science
- A.S. Engineering
- A.S. Information Systems
- A.S. Nursing
- A.S. Nursing-LPN Bridge

CERTIFICATES

- C.A. Applied Linguistics
- C.A. Baking & Pastry
- C.A. Business Administration
(Accounting, Finance, Management, Marketing, General Business)
- C.A. Computer-Aided Drafting (CAD)
- C.A. Computer Applications

- C.A. Culinary
- C.A. Customer Service
- C.A. Data Management
- C.A. Desktop Publishing
- C.A. Entrepreneurship
- C.A. Entry Level Welding
- C.A. Global Studies
- C.A. Information Technology
- C.A. Law Enforcement
- C.A. Manufacturing Technology
- C.A. Medical Assisting.
- C.A. Medical Billing and Coding
- C.A. Multimedia
- C.A. Plumbing & Pipefitters Pre-Training
- C.A. Practical Nursing
- C.A. Programming
- C.A. Personal Trainer
- C.A. Retail Banking
- C.A. Web Design

- C.S. Accounting
- C.S. Advanced Welding
- C.S. Architectural Drafting
- C.S. Banking/Finance
- C.S. Basic Welding
- C.S. Business of Art and Design
- C.S. Computer-Aided Drafting (CAD)
- C.S. Computer Security
- C.S. Creative Writing
- C.S. Cyber Security
- C.S. Data Analytics
- C.S. Design Media
- C.S. Desktop Support
- C.S. Diversity
- C.S. Economics for Managers
- C.S. Electrical-Electronics Systems
- C.S. English As A Second Language
- C.S. English Fundamentals
- C.S. Entrepreneurship
- C.S. Facilities Maintenance Systems
- C.S. Foundations of Web Development and Design
- C.S. GIS Specialist
- C.S. Heating, Ventilation, & Air Conditioning (HVAC-R) Systems
- C.S. Hydraulics & Pneumatics Systems
- C.S. IT Project Management
- C.S. Management
- C.S. Manufacturing Technology, Certified Production Technician
- C.S. Marketing
- C.S. Mechanical Design & Drafting
- C.S. Multimedia
- C.S. Musical Theatre
- C.S. Networking
- C.S. Personal trainer
- C.S. Photo - Imaging - Video
- C.S. Print Media
- C.S. Programming
- C.S. Robotics & Automation Systems
- C.S. Software Productivity
- C.S. System Administration



- C.S. Web Development
- C.S. Web Media

TRANSFER PATHWAYS

- A.A. Art /Graphic Design
- A.A. Business
- A.A. Communication
- A.A. Computer Science
- A.A. Criminal Justice
- A.A. Economics
- A.A. English
- A.A. Foreign Language (Arabic, French, German, Spanish)
- A.A. Geography
- A.A. History
- A.A. Liberal Arts
- A.A. Mathematics
- A.A. Music Major (Voice, Piano, or Instrumental)
- A.A. Political Science
- A.A. Psychology/Sociology
- A.A. Social Work
- A.A. Theatre

- A.A.T. Early Childhood Education Transfer Program
- A.A.T. Elementary Education Transfer Program
- A.A.T. Secondary Education Transfer Program

- A.F.A. Graphic Design
- A.F.A. Creative Writing
- A.F.A. Music
- A.F.A. Music Education
- A.F.A. Studio Art

- A.S. Agriculture
- A.S. Biology
- A.S. Chemistry
- A.S. Computer Science
- A.S. Cyber Security
- A.S. Engineering

GENERAL EDUCATION

Senate Bill 997 established the Higher Education Core Transfer Curriculum Act (Sections 178.785-789 RSMo), which directs the Coordinating Board for Higher Education to develop a standard core transfer curriculum and a common course numbering equivalency matrix for lower-division general education courses. The core transfer curriculum, known as CORE 42, is a framework for general education that all Missouri public two-and four-year institutions of higher education were required to adopt beginning the fall semester of 2018. The goal of the CORE 42 is to facilitate the seamless transfer of academic credits. The completion of the CORE 42 at any public institution of higher education will transfer to every other public institution of higher education in the state and substitute for the receiving institution's general education requirement. Individual courses that comprise the CORE 42 are guaranteed to transfer one-to-one among all public (and participating independent) colleges and universities in Missouri.

Courses within the CORE42 are assigned a MOTR number (Missouri Transfer) and will be designated by this logo:

The framework for Missouri's CORE 42 is designed for students to obtain the basic competencies of Valuing, Managing Information, Communicating, and Higher-Order Thinking through the completion of at least 42-semester hours distributed across the broad Knowledge Areas of Communications, Humanities & Fine Arts, Natural & Mathematical Sciences, and Social & Behavioral Sciences.

A Course Transfer Tracker was developed to allow students, parents, and other interested parties to see how general education courses will transfer to other public colleges and universities in Missouri. The Course Transfer Tracker is located on the MDHE Journey to College website.

At SCC the CORE 42 (General Education) transfer curriculum applies only to the Associate of Arts degree. The Associate of Fine Arts, Associate of Arts in Teaching, Associate of Science, Associate of Applied Science and the Certificate of Achievement have specific General Education courses within each degree plan. Courses in those degree plans that are included in the CORE 42 curriculum are guaranteed to transfer one-to-one among all public (and participating independent) colleges and universities in Missouri.



ASSOCIATE OF ARTS GENERAL EDUCATION REQUIREMENTS



SOCIAL & BEHAVIORAL SCIENCES: OBJECTIVES

State-Level Goal

To develop students' understanding of themselves and the world around them through study of content and the processes used by historians and social and behavioral scientists to discover, describe, explain, and predict human behavior and social systems. Students acquire an understanding of the diversities and complexities of the cultural and social world, past and present, and come to an informed sense of self and others. As part of this goal, institutions of higher education include a course of instruction in the Constitution of the United States and of the state of Missouri and in American history and institutions (Missouri Revised Statute 170.011.1).

Suggested Competencies

Students will demonstrate the ability to:

- Explain social institutions, structures, and processes across a range of historical periods and cultures.
- Develop and communicate hypothetical explanations for individual human behavior within the large-scale historical and social context. • Compose unified, coherent, and developed paragraphs.
- Draw on history and the social sciences to evaluate contemporary problems.
- Describe and analytically compare social, cultural, and historical settings and processes other than one's own.
- Articulate the interconnectedness of people and places around the globe.
- Describe and explain the constitutions of the United States and Missouri.

Nine credits minimum from at least 2 disciplines, including at least one Civics course (denoted by *)

Anthropology	Political Science
ANT-101	POL-101 *
ANT-102	POL-201
Communications	POL-210
COM-102	Psychology
Criminal Justice	PSY-101
CRJ-140	PSY-210
Economics	Sociology
ECO-100	SOC-101
ECO-110	SOC-202
ECO-120	SOC-215
Geography	SOC-224
GEO-100	
History	
HIS-101 (*)	
HIS-102 (*)	
HIS-103 (*)	
HIS-104 (*)	

WRITTEN COMMUNICATION: OBJECTIVES

State-Level Goal

To prepare students to communicate effectively with writing that exhibits solid construction resulting from satisfactory planning, discourses, and review. Students will engage in the writing process including drafting, editing and revision for success in the classroom and workforce.

Suggested Competencies

Students will demonstrate the ability to:

- Express critical and analytical thought through reading and writing.
- Compose sound and effective sentences appropriate to one's audience and purpose.
- Compose unified, coherent, and developed paragraphs.
- Compose unified, coherent, and developed texts.
- Use a recursive writing process to develop strategies for generating, revising, editing, and proofreading texts.
- Produce rhetorically effective discourse for subject, audience, and purpose.
- Exhibit effective research and information literacy skills.

Six credit hours minimum

ENG-101
ENG-102
ENG-115

ASSOCIATE OF ARTS GENERAL EDUCATION REQUIREMENTS (CONTINUED)

ORAL COMMUNICATIONS: OBJECTIVES

State-Level Goal

To prepare students to communicate effectively in a variety of contexts. Students will understand communication is symbolic, relational, collaborative, strategic, adaptive, and creative. They will recognize the role and importance of communication in developing meaning and understanding; increasing knowledge; enacting change; solving problems; and developing, maintaining, and transforming relationships; among other goals and outcomes.

Suggested Competencies

Students will demonstrate the ability to:

- Identify communication perspectives, principles, and concepts.
- Recognize the role and importance of communication given various purposes, audiences, relationships, groups, and contexts.
- Create and adapt messages relevant and appropriate to various purposes, audiences, relationships, groups, and contexts.
- Present message effectively.
- Critically reflect on their own communication and the communication of others.

Three credit hours minimum

COM-101
COM-104
COM-106
COM-110
COM-200
ESL-105

NATURAL SCIENCES: OBJECTIVES

State-Level Goal

To develop students' understanding of the principles and laboratory procedures of the natural sciences (Life and Physical) and to cultivate their abilities to apply the empirical methods of scientific inquiry. Students should understand how scientific discovery changes theoretical views of the world, informs our imaginations, and shapes human history. Students should also understand that science is shaped by historical and social contexts.

Suggested Competencies

Students will demonstrate the ability to:

- Explain how to use the scientific method and how to develop and test hypotheses in order to draw defensible conclusions.
- Evaluate scientific evidence and argument.
- Describe the basic principles of the natural world.
- Describe concepts of the nature, organization, and evolution of living systems.
- Explain how human interaction(s) affect living systems and the environment.

Seven credit hours minimum from at least two disciplines, including one course with a lab component (denoted by *)**Astronomy**

PHY-130
PHY 130/131 *

Biology

BIO-105
BIO-105/106 *
BIO-108
BIO-120/121 *
BIO-122
BIO-123 *
BIO-150 *

Chemistry

CHM-101
CHM 101/103 *
CHM-107
CHM-115 *

Geography

GEO-103

Geology

PHY-105
PHY-105/107 *
PHY-125
PHY--125/127 *

Life Science

BIO-110
BIO-110/113 *
BIO-115
BIO-130
BIO-250A/250B *
BIO-260/260L *

Physical Science

PHY-111
PHY-111/113 *

Physics

PHY-150/153 *
PHY-250 *

MATHEMATICAL SCIENCES: OBJECTIVES

State Level Goal

To develop students' understanding of fundamental mathematical concepts and their applications. Students should develop a level of quantitative literacy that would enable them to make decisions and solve problems and which could serve as a basis for continued learning.

Suggested Competencies

Students will demonstrate the ability to:

- Describe contributions to society from the discipline of mathematics.
- Recognize and use connections within mathematics and between mathematics and other disciplines.
- Read, interpret, analyze, and synthesize quantitative data (e.g., graphs, tables, statistics, survey data) and make reasoned estimates.
- Formulate and use generalizations based upon pattern recognition.
- Apply and use mathematical models (e.g., algebraic, geometric, statistical) to solve problems.

Three credit hours minimum

MAT-155

MAT-157

MAT-158

MAT-162

MAT-171

Mathematical sciences courses that use one of the pathway courses as a prerequisite will meet the general education credit for math.

For example, Calculus meets the General Education math requirement since Pre-Calculus Algebra is a prerequisite

Courses higher than MAT 171 will be granted three credit hours towards the CORE 42. Additional credits will count as General Elective credit.



ASSOCIATE OF ARTS GENERAL EDUCATION REQUIREMENTS (CONTINUED)

HUMANITIES & FINE ARTS: OBJECTIVES

State Level Goal

To develop students' understanding of the ways in which humans have addressed their condition through imaginative work in the humanities and fine arts; to deepen their understanding of how that imaginative process is informed and limited by social, cultural, linguistic, and historical circumstances; and to appreciate the world of the creative imagination as a form of knowledge.

Suggested Competencies

Students will demonstrate the ability to:

- Describe the scope and variety of works in the humanities and fine arts (e.g., fine and performing arts, literature, speculative thought).
- Explain the historical, cultural, and social contexts of the humanities and fine arts.
- Identify the aesthetic standards used to make critical judgments in various artistic fields.
- Develop a plausible understanding of the differences and relationships between formal and popular culture.
- Articulate a response based upon aesthetic standards to observance of works in the humanities and fine arts.

Nine credit hours minimum, from at least two disciplines	ESL-107	PHL-102	LIT-272	ART-2401	ENG-210
	ESL-108	PHL-160	LIT-273	ART-2500	MUS-105/106/107
	Film	Religion	LIT-274	ART-2501	MUS-115/116/117
Art	THE/COM-123	LIT-207	Performance	ART-2550	MUS-145/146/147
ART-1001	THE-124/COM-124	PHL-201	(Choose only three credits from this Group)	ART-2551	MUS-175/176/177
ART-1505	Music	Literature	ART-1105	ART-2600	MUS-185/186/187
ART-1500	MUS-101	LIT-200	ART-1200	ART-2601	THE-115
Civilization	MUS-109	LIT-205	ART-1205	ART-2700	THE-128
HIS-145	MUS-111	LIT-210	ART-1300	ART-2701	THE-140
HIS-146	MUS-112	LIT-215	ART-1400	ART-2750	THE-220
Foreign Language	MUS-231	LIT-216	ART-1400	ART-2751	THE-220
ARB-101	MUS-232	LIT-220	ART-2110	ART-2800	THE-240
ARB-102	Theater	LIT-222	ART-2120	ART-2810	COM-116
FRN-101	THE-122	LIT-223	ART-2130	ART-2900	
FRN-102	THE-229/MUS-229	LIT-230	ART-2140	ENG-201	
GRM 101	THE-230-MUS-230	LIT-240	ART-2170	ENG-206	
GRM 102	Philosophy	LIT-250	ART-2310	ENG-207	
SPN-101	BUS 105	LIT-260	ART-2400	ENG-208	
SPN-102	CPT 105	LIT-271		ENG-209	
	PHL-101				

SCC Institutional Requirements to Earn an Associate of Arts Degree:

- Complete a minimum of 64 credit hours, including 42 credit hours of general education courses adhering to the minimums as listed above.
- Complete one of the following courses: ART-1105, BTC-103, CPT-103, CPT-115, or EDU-220.
- Earn accumulative grade point average of 2.0.
- Complete a minimum of 15 credit hours at SCC.

Agriculture AAS

Subject	Course	Title	Credits
General Education Requirements (16)			
Mathematics	MAT 105	Applied Math or higher	3
	ENG 101 or	English Composition I or	
Communication	ENG 102 or	English Composition II or	3
	ENG 115 or	Technical Writing or	
	COM 101 or	Introduction to Communications	
	COM-104	Small Group Communication	3
	COM 106	Public Speaking	
Social Science	COM 110	Interpersonal Communications	
	HIS 101 or	U.S. History to 1877 or	
	HIS 102 or	U.S. History Since 1877 or	
	HIS 103 or	African American History to 1877	3
Natural Science	HIS 104 or	African American History Since 1877	
	POL 101	American Government	
	CHM 101	Introduction to Chemistry	
	BIO 105	Essentials of Biology	
	BIO 108	Trends in Science	
	BIO 110	Human Biology	
	BIO 122	Environmental Science	3
	PHY 105	Environmental Geography	
	PHY 111	Introduction to Physical Science	
	PHY 125	Introduction to Physical Geography	
PHY 130	Astronomy		
	COL-101	College Success Seminar	1
Core Course Requirements (12)			
	AGR 100	Agricultural Industries	1
	AGS 170/171 or	Plant Sciences/Lab or	4
	AGB 180	Animal Science	3
	AGB 110	Agricultural Economics	4
Elective/Option Course Requirements (33-34)			
	BUS 101	Introduction to Business	3
	ACT 101	Applied Accounting	3
	ECO 120	Principles of Microeconomics	3
	BUS 201	Principles of Management	3
	BUS 230	Principles of Marketing	3
	LGM 101	Logistics & Supply Chain 1 or	3
	LGM 215	Introduction to Data Analytics	3
	BUS 232	Advertising & Sales Promotion	3
	BTC 103 or CPT 103	Microcomputer Applications	3
	Choose any 2 from:		
	AGR 105	Sustainable Agriculture & the Environment	3
	AGR 110	Introductory Forestry	3
	AGR 120	Precision Agriculture	3
	AGR 200	Agribusiness Internship	3
	AGS 210/211	Soils with Lab	4
	Any CHM, BIO or PHY		3-4

Total Credit Hours 61-62

Animation & Gaming AAS

Subject	Course	Title	Credits	
General Education Requirements (16 credits)				
Mathematics	MAT 105 (or higher)	Math elective	3	
Communication	ENG 101, 102, or 115	Writing Elective	3	
	COM 101, 104, 106, or 110	Communication Elective	3	
Natural Science	CHM 101 or BIO 105 or GEO 103 or BIO 108 or BIO 110 or PHY 105 or PHY 111 or PHY 125 or PHY 130	Introduction to Chemistry Essentials in Biology Physical Geography Trends in Science Human Biology Environmental Geology Introduction to Physical Science Introduction to Physical Geology Astronomy	3	
	HIS 101 or HIS 102 or HIS 103 or HIS 104 POL 101 POL 102	US History to 1877 US History Since 1877 African American History to 1877 African American History since 1877 American Government State & Local Government	3	
	Institutional Elective	COL 101	College Success Seminar	1
	Computer Science Core Requirements (14 credits)			
		CPT 103	Microcomputer Applications	3
		CPT 105	Ethics in Technology	3
		CPT 135	Computer Science 1 with Python	4
	CPT 200	System Analysis and Design	3	
	CPT 207	Career Development for Technology Professionals	1	
Animation & Gaming Core Course Requirements (18 credits)				
	CPM 170	Computer Graphics (Adobe Illustrator)	3	
	CPM 180	Digital Audio Editing (Adobe Audition)	3	
	CPM 210	Digital Photo Editing (Adobe Photoshop)	3	
	CPM 220	3D Modeling and Animation (Sketchup)	3	
	CPT 104	Introduction to Programming for Animation and Computer Games	3	
	CPT 182, 185, 189	Programming Elective	3	
	CPT 204	VR Application Development w/ Unity	3	
Animation & Gaming Elective Courses (12 credits)				
	ART 1105	Digital Art Studio	3	
	ART 2130	Digital Imaging & Illustration	3	
	ART 2160	Animation & Motion Graphics	3	
	CPM 120	Introduction to Multimedia (Adobe Creative Cloud)	3	
	CPM 160	Frontend Web Development (HTML/CSS/JavaScript)	3	
	CPM 190	Backend Web Development (JavaScript/XML/PHP/MySQL)	3	
	CPM 250	Motion Graphics (Adobe After Effects)	3	
	CPM 280	Javascript	3	
	CPT 106	Operating Systems	3	
	CPT 121	Basics of Data Communications	3	
	CPT 160	Mobile Apps Development	3	
	CPT 182	Beginning Programming in C++	3	
	CPT 185	Programming in C# (C Sharp)	3	
	CPT 189	Java Programming	3	
	CPT 198	Computer Science Internship	1-3	
	CPT 281	Introduction to Data Structures with C++	3	
	MUS 101	Foundations of Music	3	
	CPT 287	Introduction to Data Structures with Java	3	
Total Required Credit Hours: 60 credit hours				

Baking and Pastry AAS

Subject	Course	Title	Credits
General Education Requirements (16 credits)			
Mathematics	MAT 105	Applied Math or higher	3
Writing	ENG 101	English Composition I	3
	COM 110	Interpersonal Communication	3
Social Science	HIS 101 or HIS 102 or HIS 103	U.S. History to 1877 U.S. History Since 1877 African-American History to 1877	3
	HIS 104	African-American History Since 1877	
	POL 101	American Government	
	BIO 105	Essentials of Biology	3
	College 101 Requirement	COL 101	College Success Seminar
Core Course Requirements (42 credits)			
	CUL 110 A	Intro to Baking for Career Path Lec	1
	CUL 110 B	Intro to Baking for Career Path Lab	4
	CUL 101	Sanitation and Safety for Food Service	1
	CUL 107	Sustainable Food Systems for Culinarians	3
	CUL 111	Breads	3
	CUL 112	Pastries	3
	CUL 113	Chocolates & Sugar	3
	CUL 114	Cake Baking and Decorating	3
	CUL 116	Plated Desserts & Presentation	3
	CUL 130	Hospitality Business and Service	3
	CUL 140	Principles of Nutrition	3
	CUL 292	Topics in Culinary	3
	CUL 290A	Capstone	1
	CUL 290B	Internship	5
	BUS 105	Business Ethics	3
Elective/Option Course Requirements (3 credits)			
		Any additional course for a combination of 3 credits	3
Total Required Hours: 61 credits			

Business Administration AAS

Subject	Course	Title	Credits
General Education Requirements (17)			
Mathematics	MAT 121	Intermediate Algebra (or higher)**	4
	ENG 101 or	English Composition I**	
Communication	ENG 102 or	English Composition II	3
	ENG 115	Technical Writing	
	COM 101	Introduction to Communication	3
Social Science	HIS 101 or	U.S. History to 1877 or	
	HIS 102 or	U.S. History Since 1877 or	
	HIS 103 or	African American History to 1877	3
	HIS 104 or	African American History Since 1877	
	POL 101	American Government	
	CHM 101 or	Introduction to Chemistry	
Natural Science	BIO 105 or	Essentials in Biology	
	BIO 108 or	Trends in Science	
	BIO 122 or	Environmental Sciences	3
	PHY 105 or	Environmental Geology	
	PHY 111 or	Introduction to Physical Science	
	PHY 125 or	Introduction to Physical Geology	
	PHY 130	Astronomy	
	COL 101	College Success Seminar	1
Core Course Requirements (35 credits)			
	ACT 110	Financial Accounting I*	4
	ACT 130	Managerial Accounting I	3
	BUS 101	Introduction to Business	3
	BUS 105	Business Ethics	3
	BUS 201	Principles of Management	3
	BUS 220	Principles of Finance	3
	BUS 230	Principles of Marketing	3
	BUS 298	Business Administration Capstone	1
	CPT/BTC 103 or	Microcomputer Applications	
	CPT 115	Intro to Data Processing	3
	ECO 110	Principles of Macroeconomics*	3
	ECO 120	Principles of Microeconomics*	3
	Any ACT	Any Accounting Course	
	Any BUS	Any Business Course	
Core Elective - Choose One	Any ECO	Any Economics Course	3
	GEO 120	Introduction to GIS	
	MAT 175	Introductory Statistics	
	BTC 170	Spreadsheet Applications (Excel)	
Choose one of the following options (9 credits):			
Management Option:	BUS 204	Total Quality Operations Management	
	BUS 206	Human Resource Management	9
	BUS 210	Organizational Behavior	
	BUS 232	Advertising/Sales Promotion	

Marketing Option:	BUS 236	Consumer Behavior	9
	BUS 238	Personal Selling	
	ACT 115	Computerized Accounting	
Accounting Option:	ACT 210	Intermediate Accounting I	9
	ACT 240	Individual Income Tax Accounting	
	ACT 105	Personal Accounting and Finance	
Finance Option:	ECO 220	Money and Banking	9
	Elective from ACT,BUS,ECO, GEO 120, MAT 175 or BTC 170		
General Business Option: (Pick 3)	Any ACT, BUS, ECO, GEO 120, MAT 175 or BTC 170		9

Total Required Hours: 61 credits

*ACT 101 or high school accounting is strongly recommended.

** The Academic Skills Assessment is required before enrolling in math or English courses. If a student places into lower-level courses than are required for his/her degree, then the student needs to first enroll in such courses before enrolling in the required courses.

Business Technology AAS

Subject	Course	Title	Credits	
General Education Requirements (16 credits)				
Mathematics	MAT 105	Applied Math	3	
Communication	ENG 101 or ENG 102	English Composition I English Composition II	3	
	COM 101	Introduction to Communications	3	
	HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL 101	U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877 American Government	3	
Natural Science	BIO 105 or BIO 108 or PHY 111 or PHY 130 COL 101	Essentials in Biology Trends in Science Introduction to Physical Science Astronomy College Success Seminar	3 1	
	Core Course Requirements (36 credits)			
	CPT/BTC 103	Microcomputer Applications	3	
	BTC 105	Proofreading & Editing Business Documents	2	
BTC 130	Customer Service	1		
BTC 131	Telephone Communication Skills	1		
BTC 132	Time Management (online)	1		
BTC 135	Your Professional Image	1		
BTC 136	Electronic Communication with Stakeholders	3		
BTC 145	Business Technology Tools	3		
BTC 160	Word Processing - Word	2		
BTC 165	Presentations - PowerPoint	2		
BTC 170	Spreadsheet Applications - Excel	3		
BTC 175	Database Applications - Access	2		
BTC 190	Planning and Design Concepts - Publisher	3		
BTC 245	Administrative Procedures	3		
BTC 247	Administrative Supervision	3		
BTC 250	Business Simulations	3		
Electives (9 credits)				
	ACT 101 or BUS 101	Applied Accounting Intro to Business	3	
	CPT 125	Project Management	3	
	CPT 105 or BUS 105	Ethics in Technology Business Ethics	3	
	Total Required Hours: 61 credits			

Computer-Aided Drafting (CAD) AAS

Subject	Course	Title	Credits
General Education Requirements (16 credits)			
Mathematics	MAT 105 or	Applied Mathematics or higher	3
	ENG 101 or	English Composition I*	
	ENG 102 or	English Composition II*	
	ENG 115	Technical Writing*	
Communication	COM 101 or	Introduction to Communication	3
	COM 104 or	Small Group Communication	
	COM 106 or	Public Speaking	
	COM 110	Interpersonal Communication	
Social Science	HIS 101 or	US History to 1877	3
	HIS 102 or	US History Since 1877	
	HIS 103	African-American History to 1877	
	HIS 104	African-American History Since 1877	
Natural Science	POL 101	American Government	3
	CHM 101 or	Introduction to Chemistry	
	BIO 105 or	Essentials in Biology	
	BIO 108 or	Trends in Science	
	BIO 110 or	Human Biology	
	BIO 122 or	Environmental Sciences	
	PHY 105 or	Environmental Geology	
Institutional Requirement	PHY 111 or	Introduction to Physical Science	1
	PHY 125 or	Introduction to Physical Geology	
	PHY 130	Astronomy	
	COL 101	College Success Seminar	1
Core Course Requirements (19 credits)			
	CAD 102	Introduction to SolidWorks	3
	CAD 104	Introduction to AutoCAD	3
	CAD 106	Introduction to Autodesk Inventor	3
	CAD 107	Introduction to Revit	3
	CAD 299	CAD Capstone	1
	BTC/CPT 103 or	Microcomputer Applications	3
	BTC 170	Spreadsheet Applications - Excel	
	ACT 105 or	Personal Accounting and Finance	3
	ECO 100 or	Survey Economics	
	ECO 110 or	Principles of Macroeconomics	
	ECO 120	Principles of Microeconomics	3
Electives (25 credits)			
	BTC 130	Customer Service Excellence	1
	BTC 131	Telephone Communication Skills	1
	BTC 132	Time Management	1
	BTC 135	Your Professional Image	1
	BTC 137	Interpersonal Skills	1
	CAD 103	Introduction to Autodesk Civil 3D	3
	CAD 144	Introduction to AutoCAD Architecture	3
	CAD 164	Introduction to AutoCAD Electrical	3
	CAD 202	Advanced SolidWorks CSWA Exam Prep	3
	CAD 237	Structural Drafting with Revit	3
	CAD 244	Architectural Drafting with AutoCAD	3
	CAD 247	Architectural Drafting with Revit	3

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CAD 254	HVAC Drafting with AutoCAD	3
CAD 257	Mechanical, Electrical, and Plumbing Drafting with Revit	3
CAD 274	Geometric Dimensioning and Tolerancing with AutoCAD	3
CAD 290	CAD Externship	3
CPM 210	Digital Photo Editing	3
CPM 220	3D Animation	3
EGR-104	Engineering Design	3
GEO 120	Introduction to GIS	3
GEO 225	Advanced GIS	3
MFG 101	Principles of Safety	3
MFG 111	Principles of Quality Practices	3
MFG 130	Basic Blueprint Reading	3
MFG 201	Principles of Manufacturing Processes and Production	3

Total Required Hours: 60 credits

Culinary AAS

Subject	Course	Title	Credits
General Education Requirements (16 credits)			
Mathematics	MAT 105	Applied Math or higher	3
Writing	ENG 101	English Composition I	3
	COM 110	Interpersonal Communication	3
Social Science	HIS 101 or HIS 102 or	U.S. History to 1877 or U.S. History Since 1877 or	
	HIS 103 or HIS 104 or	African American History to 1877 African American History Since 1877	3
	POL 101	American Government	
	BIO 105	Essentials of Biology	3
	College 101 Requirement	COL 101	College Success Seminar
Core Course Requirements (42 credits)			
	CUL 100A	Culinary Fund. for Career Path Lec.	1
	CUL 100B	Culinary Fund. for Career Path Lab	4
	CUL 101	Sanitation and Safety for Food Service	1
	CUL 106	Egg Cookery & Cold Foods	3
	CUL 107	Sustainable Food Systems for Culinarians	3
	CUL 130	Hospitality Business and Service	3
	CUL 131	Menu Design & Management	3
	CUL 132	Bar and Beverage Management	3
	CUL 140	Principles of Nutrition	3
	CUL 150	World Cuisine	3
	CUL 190	Advanced Culinary Techniques	3
	CUL 292	Topics in Culinary	3
	CUL 290A	Capstone	1
	CUL 290B	Internship	5
	BUS 105	Business Ethics	3
Elective/Option Course Requirements (3 credits)			
		Any additional course for a combination of	3
Total Required Hours: 61 credits			

Cyber Security AAS

Subject	Course	Title	Credits		
General Education Requirements (16-17 credits)					
Mathematics	MAT 105	Applied Mathematics or higher	3-4		
	ENG 101 or ENG 102 or ENG 115	English Composition I English Composition II Technical Writing	3		
	Communication	COM 101 or COM 104 or COM 106 or COM 110	Introduction to Communications Small Group Communication Public Speaking Interpersonal Communication	3	
Social Science		HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL 101	U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877 American Government	3	
		Natural Science	CHM 101 or BIO 105 or BIO 108 or BIO 110 or PHE 240 or PHY 105 or PHY 111 or PHY 125 or PHY 130	Introduction to Chemistry Essentials in Biology Trends in Science Human Biology Nutrition for Weight Management Environmental Geology Introduction to Physical Science Introduction to Physical Geology Astronomy	3
			COL 101	College Success Seminar	1
	Core Course Requirements (48 credits)				
BTC/CPT 103	Microcomputer Applications		3		
IT 110	Microsoft Technologies I		3		
IT 210	Microsoft Technologies II		3		
IT 130	Introduction to Linux	3			
IT 230	Linux Administration	3			
IT 151	CCNA1 (Introduction to Networks)	4			
IT 152	CCNA2 (Switching, Routing, Wireless Essentials)	4			
IT 140	Programming for System Administrators	3			
IT 172	Digital Forensics	3			
IT 171	Ethical Hacking	3			
IT 173	Topics in Cyber Security I	3			
IT 270	Network Security	4			
IT 271	Penetration Testing	3			
IT 273	Topics in Cyber Security II	3			
IT 275	CCISP	3			
Total Required Hours: 64-65 credits					

Data Analytics AAS

Subject	Course	Title	Credits
General Education Requirements (16 credits)			
Mathematics	MAT 105 (or higher)	Math Elective	3
Communication	ENG 101, 102, 115	Writing Elective	3
	COM 101, 104, 106, 110	Communication Elective	3
Natural Science	CHM 101 or	Introduction to Chemistry	3
	BIO 105 or	Essentials in Biology	
	GEO 103 or	Physical Geography	
	BIO 108 or	Trends in Science	
	BIO 110 or	Human Biology	
	PHY 105 or	Environmental Geology	
	PHY 111 or	Introduction to Physical Science	
	PHY 125 or	Introduction to Physical Geology	
Social Science	PHY 130	Astronomy	3
	HIS 101 or	US History to 1877	
	HIS 102 or	US History Since 1877	
	HIS 103 or	African American History to 1877	
	HIS 104	African American History since 1877	
Institutional Elective	POL 101	American Government	1
	POL 102	State & Local Government	
	COL 101	College Success Seminar	1
Computer Science Core Requirements (14 credits)			
	CPT 103	Microcomputer Applications	3
	CPT 105	Ethics in Technology	3
	CPT 135	Computer Science 1 with Python	4
	CPT 200	System Analysis and Design-Capstone Project	3
	CPT 207	Career Development for Technology Professionals	1
Data Analytics Core Course Requirements (22 credits)			
	BTC 170	Spreadsheet Applications - Excel	3
	CPT 140	Data Visualization w/Tableau	3
	CPT 181	SQL Programming	3
	CPT 201	Database Design & Administration	3
	CPT 210	Analytical Tools and Methods	3
	CPT 235	Understanding Data w/Apache Spark	3
	MAT 157	College Statistics - General Education	4
Data Analytics Elective Courses (9 credits)			
	BTC 145	Business Technology Tools	3
	BTC 175	Database Applications - Access	2
	CPT 106	Operating Systems	3
	CPT 121	Basics of Data Communications	3
	CPT 187	Visual Basic.NET Programming	3
	CPT 198	Computer Science Internship	1-3
	CPT 250	Database Website Program w/PHP & MySQL	3
	CPT 260	Oracle Programming	3
	HIM 230	Healthcare Data Analysis	3
	IT 171	Ethical Hacking	3
	IT 172	Digital Forensics	3
	LGM 215	Introduction to Data Analytics	3
Total Required Credit Hours: 61 credit hours			

Database Management AAS

Subject	Course	Title	Credits
General Education Requirements (16 credits)			
Mathematics	MAT 105 (or higher)	Math Elective	3
Communication	ENG 101, 102, 115	Writing Elective	3
	COM 101, 104, 106, 110	Communication Elective	3
Natural Science	CHM 101 or	Introduction to Chemistry	3
	BIO 105 or	Essentials in Biology	
	GEO 103 or	Physical Geography	
	BIO 108 or	Trends in Science	
	BIO 110 or	Human Biology	
	PHY 105 or	Environmental Geology	
	PHY 111 or	Introduction to Physical Science	
	PHY 125 or	Introduction to Physical Geology	
Social Science	PHY 130	Astronomy	3
	HIS 101 or	US History to 1877	
	HIS 102 or	US History Since 1877	
	HIS 103 or	African American History to 1877	
	HIS 104	African American History since 1877	
Institutional Elective	POL 101	American Government	1
	POL 102	State & Local Government	
	COL 101	College Success Seminar	1
Computer Science Core Requirements (14 credits)			
	CPT 103	Microcomputer Applications	3
	CPT 105	Ethics in Technology	3
	CPT 135	Computer Science 1 with Python	4
	CPT 200	System Analysis and Design-Capstone Project	3
	CPT 207	Career Development for Technology Professionals	1
Database Management Course Requirements (18 credits)			
	CPT 121	Basics of Data Communications	3
	CPT 181	SQL Programming	3
	CPT 201	Database Design & Management	3
	CPT 250	Database website program w/PHP & MySQL	3
	CPT 260	Oracle Programming	3
	IT 170	Security Fundamentals	3
Database Management Elective Courses (12 credits)			
	BTC 145	Business Technology Tools	3
	BTC 170	Spreadsheet Applications - Excel	3
	BTC 175	Database Applications - Access	2
	CPM 190	Backend Web Development (JavaScript/XML/PHP/MySQL)	3
	CPT 106	Operating Systems	3
	CPT 125	Introduction to Project Management	3
	CPT 140	Data Visualization w/Tableau	3
	CPT 198	Computer Science Internship	1-3
	CPT 210	Analytical Tools and Methods	3
	CPT 225	Advanced Topics in Project Management	3
	CPT 235	Understanding Data w/Apache Spark	3
	HIM 230	Healthcare Data Analysis	3
	IT 140	Programming for System Administrators	3
	IT 171	Ethical Hacking	3
	IT 172	Digital Forensics	3
	LGM 215	Introduction to Data Analytics	3

Total Required Credit Hours: 60 credit hours

Emergency Medical Science AAS

Subject	Course	Title	Credits
General Education Requirements (17 credits)			
Mathematics	MAT 105	Applied Mathematics	3
Writing	ENG 101	English Composition I	3
Communication	COM 101 or	Introduction to Communication	
	COM 110	Interpersonal Communication	3
Social Science	HIS 101 or	US History to 1877	
	HIS 102 or	US History Since 1877	
	HIS 103 or	African-American History to 1877	3
	HIS 104 or	African-American History since 1877	
	POL 101	American Government	
Natural Science	BIO 110/BIO 113	Human Biology & Human Biology Lab	4
Elective	COL 101	College Success Seminar	1
Core Course Requirements* (39 credits)			
<p style="text-align: center;">This requirement is fulfilled by submitting proof of passing the National Registry of Emergency Medical Technicians (NREMT) Exam. These credit hours will be granted at the completion of all the other A.A.S. degree requirements.</p>			
	PSY 210	Human Growth and Development	3
	HIM 110	Medical Terminology	3
	PSY 101	Introduction to Psychology	3
Total Required Hours: 56 credits			

Exercise Science AAS

Subject	Course	Title	Credits
General Education Requirements 16-17			
Mathematics	MAT 121 or MAT 157	Intermediate Algebra, or College Statistics	3-4
Communication	ENG 101 or ENG 102 or ENG 115	English Composition I or English Composition II or Technical Writing	3
	COM 101 or COM-110	Introduction to Communications Interpersonal Communications	3
	HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL-101	U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877 American Government	3
Natural Science	CHM 101 COL-101	Introduction to Chemistry College Success Seminar	3 1
Core Course Requirements (45-46)			
	EXS 100	Introduction to Exercise Science	3
	EXS 110	Introduction to Exercise Physiology	3
	EXS 200	Muscular Fitness Assessment/Program Design	2
	EXS 205	Flexibility and Balance Assessment/Program Design	2
	EXS 210	Cardiorespiratory Fitness Assessment/Program Design	2
	EXS 215	Weight Management and Motivation Assessment/Program Design	2
	EXS 220	Resistance Training and Recovery Techniques	3
	EXS 225	Cardiorespiratory Flexibility Training	3
	PHE 112	Weight Training I	1
	PHE 210 or PHE 211	First Aid and Safety CPR/AED	1-2
	PHE 215 or PHE 230	Personal Wellness or Healthful Living	3
	PHE 243	Nutrition for Special Populations	2
	PHE 220	Stress Management	3
	PHE 241 or PHE 242	Principles of Human Nutrition or Introduction to Nutrition	3
	PHE 275	Sport and Exercise Science Psychology	3
	CHM 103	Intro to Chemistry Lab	1
	BIO 250A/B BIO 251A/B	Human Anatomy & Physiology I Human Anatomy & Physiology II	4 4
Total Credit Hours 61-63			

General Technology AAS

Subject	Course	Title	Credits
General Education Requirements* (16 credits)			
Mathematics	MAT 105 or higher	Applied Mathematics	3
	ENG 101 or	English Composition I	3
	ENG 102 or	English Composition II	
	ENG 115 or	Technical Writing	
Communication	COM 101 or	Introduction to Communication	
	COM 104 or	Small Group Communication	3
	COM 106 or	Public Speaking	
	COM 110	Interpersonal Communication	
Social Science	HIS 101 or	U.S. History to 1877 or	
	HIS 102 or	U.S. History Since 1877 or	
	HIS 103 or	African American History to 1877	
	HIS 104 or	African American History Since 1877	
	POL 101	American Government	
	CHM 101 or	Into to Chemistry	3
Natural Science	BIO 105 or	Essentials of Biology	
	BIO 108 or	Trends in Science	
	BIO 110 or	Human Biology	
	PHY 105 or	Environmental Geology	
	PHY 111 or	Intro to Physical Science	
	PHY 125 or	Intro to Physical Geology	
PHY 130	Astronomy	1	
COL 101	College Success Seminar		
Core Course Requirements* (15 credits)			
	ETC 101	Fundamentals of Electronics	3
	CAD 104	Introduction to AutoCAD	3
	MFG 101	Principles of Safety Practices	3
	BUS 204	Total Quality Operations Management	3
	LGM 215	Introduction to Data Analysis	3

Program Major Concentration (18 credits)

18 credit hours or a Certificate of Specialization from applicable program areas, including: Computer Science, IT, Web Design & Development, Graphic Design, Business Technology, Manufacturing Technologies, GIS or Welding.

Elective Course Requirements (12 credits)

12 credit hours of course work from applicable program areas, including: Computer Science, IT, Web Design & Development, Graphic Design, Business Technology, Manufacturing Technologies, GIS or Welding.

Total Required Hours: 61 credits

* If planning to utilize as transfer credits to another institution, contact advising or the General

GIS Technician AAS

Subject	Course	Title	Credits
General Education Requirements (16 credits)			
Mathematics	MAT 105 (or higher)	Math elective	3
Communication	ENG 101, 102, 115	Writing Elective	3
	COM 101, 104, 106, 110	Communication Elective	3
Natural Science	CHM 101 or	Introduction to Chemistry	3
	BIO 105 or	Essentials in Biology	
	GEO 103 or	Physical Geography	
	BIO 108 or	Trends in Science	
	BIO 110 or	Human Biology	
	PHY 105 or	Environmental Geology	
	PHY 111 or	Introduction to Physical Science	
	PHY 125 or	Introduction to Physical Geology	
Social Science	PHY 130	Astronomy	3
	HIS 101 or	US History to 1877	
	HIS 102 or	US History Since 1877	
	HIS 103 or	African American History to 1877	
	HIS 104	African American History since 1877	
Institutional Elective	POL 101	American Government	1
	POL 102	State & Local Government	
	COL 101	College Success Seminar	1
Computer Science Core Requirements (14 credits)			
	CPT 103	Microcomputer Applications	3
	CPT 105	Ethics in Technology	3
	CPT 135	Computer Science 1 with Python	4
	CPT 200	System Analysis and Design	3
	CPT 207	Career Development for Technology Professionals	1
GIS Technician Core Course Requirements (22 credits)			
	BTC 170	Spreadsheet Applications - Excel	3
	CPT 140	Data Visualization	3
	CPT 181	SQL Basics	3
	GEO 100	Principles of Geography	3
	GEO 120	Introduction to GIS (Geographic Information Systems)	3
	GEO 225	Advanced GIS	3
	MAT 157	College Statistics - General Education	4
GIS Technician Elective Courses (9 credits)			
	AGR 120	Precision Agriculture	3
	CAD 103	Introduction to Autodesk Civil 3D	3
	CAD 104	Introduction to AutoCAD	3
	CAD 107	Introduction to Revit	3
	CPT 106	Operating Systems	3
	CPT 121	Basics of Data Communications	3
	CPT 198	Computer Science Internship	1-3
	CPT 201	Introduction to Database Management	3
	CPT 250	Database Programming	3
	GEO 220	GIS Internship I	1-3
	GEO 221	GIS Internship II	1-3
	GEO 222	GIS Internship III	1-3
Total Required Credit Hours: 61 credit hours			

Graphic Design AAS

Subject	Course	Title	Credits	
General Education Requirements (16 credits)				
Mathematics	MAT 105	Applied Math or above	3	
	ENG 101	English Composition I		
Communication	ENG 102 or ENG 115 or	English Composition II	3	
	COM 101	Introduction to Communication		
	COM 104	Small Group Communications		
	COM 106	Public Speaking	3	
	COM 110	Interpersonal Communications		
	Social Science	HIS 101 or HIS 102 or HIS 103 or HIS 104 or	U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877	3
POL 101		American Government		
CHM 101		Introduction to Chemistry		
Natural Science		BIO 105	Essential of Biology	
		BIO 108	Trends in Science	
		BIO 110	Human Biology	
	BIO 122	Environmental Science	3	
	PHE 240	Nutrition for Weight Management		
	PHY 105	Environmental Geology		
College 101 Requirement	PHY 130	Astronomy		
	OTA 115*	Kinesiology/Functional A&P		
	OTA 116*	Applied A&P in Health and Disease		
College 101 Requirement	COL 101	College Success Seminar	1	
Art Core Course Requirements (24 credits)				
	ART 1105	Digital Art Studio	3	
	ART 1200	2-D Design	3	
	ART 1205	Color Theory	3	
	ART 1300	3-D Design	3	
	ART 1400	Drawing I	3	
	ART 1405	Drawing II	3	
	ART 1500	Survey of Western Art History I	3	
	ART 1505	Survey of Western Art History II	3	
Graphic Design Core Course Requirements (15 credits)				
	ART 2110	Visualization & Layout	3	
	ART 2120	Typography	3	
	ART 2130	Digital Imaging & Illustration	3	
	ART 2810	Digital Photo I	3	
	ART 2199	Portfolio Design & Professional Practices (capstone)	3	
Elective Course Requirements (6 credits) Choose 2				
	ART 2100	History of Graphic Design	3	
	ART 2140	Web Design	3	
	ART 2160	Animation & Motion Graphics	3	
	ART 2170	Video Production	3	
	ART 2310	Figure Drawing	3	

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ART 2700	Printmaking	3
ART 2860	Studio Lighting	3
ART 2870	Event Photography	3
ART 2830	Digital Photo II	3
ART 2900	Illustration & Sequential Art	3

Or any Visual ART/CPM course may be substituted with
Chair permission

Total Required Hours: 61 credits

Information Technology AAS

Subject	Course	Title	Credits		
General Education Requirements (16-17 credits)					
Mathematics	MAT 105	Applied Mathematics or higher	3-4		
	ENG 101 or ENG 102 or ENG 115	English Composition I English Composition II Technical Writing	3		
	Communication	COM 101 or COM 104 or COM 106 or COM 110	Introduction to Communication Small Group Communication Public Speaking Interpersonal Communication	3	
Social Science		HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL 101	U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877 American Government	3	
		Natural Science	CHM 101 or BIO 105 or BIO 108 or BIO 110 or PHE 240 or PHY 105 or PHY 111 or PHY 125 or PHY 130	Introduction to Chemistry Essentials in Biology Trends in Science Human Biology Nutrition for Weight Management Environmental Geology Introduction to Physical Science Introduction to Physical Geology Astronomy	3
			COL 101	College Success Seminar	1
	Core Course Requirements (46 credits)				
BTC/CPT 103	Microcomputer Applications		3		
IT 100	IT Technical Support		3		
IT 110	Microsoft Technologies I		3		
IT 140	Programming for System Administrators	3			
IT 151	CCNA1 (Introduction to Networks)	4			
IT 152	CCNA2 (Switching, Routing, Wireless Essentials)	4			
IT 153	CCNA3 (Enterprise Networking, Security, Automation)	4			
IT 155	Programming for Network Administrators (DevNet)	4			
IT 130	Introduction to Linux	3			
IT 210	Microsoft Technologies II	3			
IT 230	Linux Administration	3			
IT 160	Virtualization Technologies	3			
IT 299	Topics in Information Technology	3			
IT 170	Security Fundamentals	3			

Total Required Hours: 62-63 credits

Interdisciplinary Technology AAS

Subject	Course	Title	Credits
General Education Requirements* (16 credits)			
Mathematics	MAT 105 or higher	Applied Mathematics	3
Communication	ENG 101 or ENG 102 or ENG 115	English Composition I English Composition II Technical Writing	3
	COM 101	Introduction to Communication	3
	HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL 101 or POL 102	U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877 American Government State and Local Government	3
Natural Science	PHY 111 COL 101	Intro to Physical Science College Success Seminar	3 1

Program Major Concentration (45-54 credits)

Students choose 2 to 3 certificates based on interest and future career goals.

Certificate	Credits
Facilities Maintenance	18
Electrical Electronics	18
Robotics Automation	18
CyberSecurity*	29
Data Analytics	16
HVAC-R	16
Hydraulics Pneumatics	15
CAD - General	16
Mechanical Design and Drafting	16
Advanced Welding	15
Basic Welding	15

* Due to the credit level of the Cyber Security CS, students can not take this in conjunction with basic welding or Hydraulics Pneumatics as it wouldn't provide enough credit hours for graduation

Total Required Hours: 61-71 credits

Law Enforcement AAS

Subject	Course	Title	Credits
General Education Requirements (19 credits)			
Mathematics	MAT 105	Applied Math or higher	3
	ENG 101	English Composition I	3
Communication	COM 101 or COM 104 or COM 106 or COM 110	Introduction to Communication Small Group Communication Public Communication Interpersonal Communication	3
	HIS 101 or HIS 102 or HIS 103 or HIS 104 or	U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877	3
	POL 101	American Government	
	CHM 101 or BIO 105 or BIO 108 or BIO 110 or	Introduction to Chemistry Essentials of Biology Trends in Science Human Biology	
	BIO 122 or PHE 240 or PHY 105 or PHY 111 or PHY 125 or PHY 130	Environmental Sciences Nutrition for Weight Management Geology Introduction to Physical Science Introduction to Physical Geology Astronomy	3
Elective	BTC/CPT 103	Microcomputer Applications	3
	COL 101	College Success Seminar	1
Core Course Requirements (26-27 credits)			
	CRJ 140	Introduction to Criminal Justice	3
	CRJ 170	Criminal Law & Procedures	3
	CRJ 171	Rules of Evidence	3
	CRJ 175	Criminology	3
	CRJ 201	Criminal Justice: Politics & Policy	3
	CRJ 206	Introduction to Juvenile Justice Service Systems	3
	SOC 101	Introduction to Sociology	3
	CRJ 265	Internship I	1-3
	CRJ 298	Criminal Justice Capstone	1
	ENG 102** or ENG 115**	English Composition II Technical Writing	3
Law Enforcement Option - Choose 5 Course From Below (15 credits)			
	CRJ 103	Addictive Disease Concepts	3
	CRJ 104	Treatment Alcohol & Drugs	3
	CRJ 110	Criminal Investigations	3
	CRJ 202	Correctional Institutions	3
	CRJ 211	Introduction to Victimology	3
	CRJ 224	Constitutional Law	3
	CRJ 230	Crisis Intervention	3
	CRJ 240	Probation and Parole	3
	CRJ 260	Police and Community Relations	3
	IT 172	Digital Forensics	3
	IT 170	Security Fundamentals	3
Total Required Hours: 60-62 credits			

*The Academic Skills Assessment is required before enrolling in a math or English course. If a student places into lower-level courses that are required for the degree, then the student must first enroll in lower-level courses before enrolling in the courses required for graduation.

** ENG 102 and ENG 115 have ENG 101 as a prerequisite.

Management Information Systems AAS

Subject	Course	Title	Credits	
General Education Requirements (16 credits)				
Mathematics	MAT 105 (or higher)	Math Elective	3	
Communication	ENG 101, 102, 115	Writing Elective	3	
	COM 101, 104, 106, 110	Communication Elective	3	
Natural Science	CHM 101 or BIO 105 or GEO 103 or BIO 108 or BIO 110 or PHY 105 or PHY 111 or PHY 125 or PHY 130	Introduction to Chemistry Essentials in Biology Physical Geography Trends in Science Human Biology Environmental Geology Introduction to Physical Science Introduction to Physical Geology Astronomy	3	
	Social Science	HIS 101 or HIS 102 or HIS 103 or HIS 104	US History to 1877 US History Since 1877 African American History to 1877 African American History since 1877	3
		POL 101 POL 102	American Government State & Local Government	
		Institutional Elective	COL 101	College Success Seminar
	Computer Science Core Requirements (14 credits)			
		CPT 103	Microcomputer Applications	3
		CPT 105	Ethics in Technology	3
	CPT 135	Computer Science 1 with Python	4	
	CPT 200	System Analysis and Design-Capstone Project	3	
	CPT 207	Career Development for Technology Professionals	1	
Management Information Systems Core Course Requirements (25 credits)				
	ACT 110	Financial Accounting I	4	
	BUS 101	Introduction to Business	3	
	BUS 201	Principles of Management	3	
	CPT 125	Introduction to Project Management	3	
	CPT 181	SQL Programming	3	
	CPT 201	Database Design & Administration	3	
	CPT 225	Advanced Topics in Project Management	3	
	IT 170	Security Fundamentals	3	
Management Information Systems Elective Courses (6 credits)				
	ACT 130	Managerial Accounting	3	
	BTC 145	Business Technology Tools	3	
	BTC 170	Spreadsheet Applications - Excel	3	
	BTC 175	Database Applications - Access	2	
	CPT 106	Operating Systems	3	
	CPT 121	Basics of Data Communications	3	
	CPT 140	Data Visualization w/Tableau	3	
	CPT 198	Computer Science Internship	1-3	
	CPT 210	Analytical Tools and Methods	3	
	CPT 235	Understanding Data w/Apache Spark	3	
	CPT 250	Database Website Program w/PHP & MySQL	3	
	CPT 260	Oracle Programming	3	
	HIM 230	Healthcare Data Analysis	3	
	IT 140	Programming for System Administrators	3	
	LGM 105	Introduction to Supply Chain Operational Management	3	
	CPT 281	Introduction to Data Structures with C++	3	
	CPT 287	Introduction to Data Structures with Java	3	
Total Required Credit Hours: 61 credit hours				

Manufacturing Technologies AAS

Subject	Course	Title	Credits
General Education Requirements (16-17 credits)			
Mathematics	MAT 105	Applied Math or higher	3-4
	ENG 101 or	English Composition I	
Communication	ENG 102 or	English Composition II	3
	ENG 115 or	Technical Writing	
	COM 101, 104, 106, 110	Communication Elective	
Social Science	HIS 101 or	U.S. History to 1877 or	3
	HIS 102 or	U.S. History Since 1877 or	
	HIS 103 or	African American History to 1877	
	HIS 104 or	African American History Since 1877	
	POL 101 or	American Government	
	POL-102	State and Local Government	
Natural Science	CHM-101	Introduction to Chemistry	3
	BIO-105	Essentials of Biology	
	BIO-108	Trends in Science	
	BIO-110	Human Biology	
	BIO-122	Environmental Sciences	
	PHE-240	Nutrition for Weight Management	
	PHY-105	Environmental Geology	
	PHY-111	Introduction to Physical Science	
	PHY-125	Introduction to Physical Geology	
	PHY-130	Astronomy	
Core Course Requirements (35 credits)			
	COL 101	College Success Seminar	1
	LGM-100	Survey of Industrial Careers	1
	MFG-101	Principles of Safety	3
	MFG-111		3
		Principles of Quality Practices	
	MFG-130	Basic Blueprint Reading	3
	MFG-132	Precision Tools & Measurement	3
	MFG-141	Principles of Green Production	3
	MFG-201	Principles of Mfg. Processes and Prod.	3
	MFG-215	Problem Solving Tactics in Mfg.	3
	LGM-101	Logistics and Supply Chain I	3
	LGM-105	Intro to Supply Chain Operational Mgmt.	3
	GEO-120	Introduction to GIS	3
	MFG-220	Principles of Maintenance Awareness	3
	MFG-290	Internship Capstone	1
Electives (9 credits)			
Pick three:	CAD-104	Introduction to AutoCAD	3
	CAD-103	Introduction to Autodesk Civil 3D	3
	CAD-106	Introduction to Autodesk Inventor	3
	CAD-274	Geometric Dimensioning and Tolerance	3
	CPT-140	Data Visualization	3
	MFG-205	Manufacturing Process Controls	3
	MFG 225	Supervisory Skills	3
	LGM-210	Logistics and Supply Chain II	3

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LGM-215	Introduction to Data Analytics	3
ETC-101	Fundamentals of Electronics	3
ACT-101	Applied Accounting	3
BUS-206	Human Resources Management	3
BUS-204	Total Quality Operations Management	3
BUS-208	Entrepreneurship/Small Bus Mgmt	3
BUS-210	Organizational Behavior	3
Total Required Hours: 60-61 credits		

Mechatronics Engineering Technology AAS

Subject	Course	Title	Credits
General Education Requirements (16 credits)			
Mathematics	MAT-105	Applied Math	3
Communications	ENG-101 or ENG-102 or ENG-115	English Comp I English Comp II Technical Writing	3
	COM 101	Introduction to Communications	3
	HIS 101, 102, 103, 104, POL 101, POL 102	US History to 1877, US History Since 1877, African American History to 1877, African American History Since 1877, American Government or State & Local Government	3
Natural Science	PHY-111	Intro to Physical Science	3
Elective	COL 101	College Seminar	1
Core Course Requirements (45 credits)			
	MFG-132	Precision Tools & Measurement	3
	MFG-101	Principles of Safety	3
	CAD-103	Autodesk Civil 3D	3
	MEC-115	Machine Design	3
	ETC-101	Fundamentals of Electronics	3
	MEC-112	Hydraulic & Pneumatic	3
	MFG-201	Principles of Manufacturing Processes and Production	3
	MEC-108	Intro to Prog Logic Controller	3
	MEC-210	Robotics Theory, Maintenance & Application	3
	MFG-240	Basic Computer Integrated Manufacturing	3
	ETC-210	Industrial Electricity	3
	MFG-215	Problem Solving Tactics in Manufacturing	3
	MEC-220	Auto System Integration	3
	MEC-110	Motors & Controls	3
	MFG-111	Principles of Quality Practices	3
Total Required Hours: 61 credits			

Multimedia & Web Development AAS

Subject	Course	Title	Credits
General Education Requirements (16 credits)			
Mathematics	MAT 105 or higher	Applied Math or higher	3
	ENG 101 or	English Composition I	3
	ENG 102 or	English Composition II	
	ENG 115	Technical Writing	
Communication	COM 101 or	Introduction to Communication (preferred)	
	COM 104 or	Small Group Communication	
	COM 106 or	Public Speaking	
	COM 110 or	Interpersonal Communication	
Social Science	HIS 101 or	U.S. History to 1877 or	3
	HIS 102 or	U.S. History Since 1877 or	
	HIS 103 or	African American History to 1877	
	HIS 104 or	African American History Since 1877	
	POL 101	American Government	
	BIO 105	Essentials of Biology	
Natural Science	BIO 108	Trends in Science	3
	BIO 110	Human Biology	
	CHM 101	Introduction Chemistry	
	PHE 240	Nutrition for Weight Management	
	PHY 105	Environmental Geology	
	PHY 111	Introduction Physical Science	
	PHY 125	Introduction to Physical Geology	
College 101 Requirement	PHY 130	Astronomy	1
	COL 101	College Success Seminar	
	Core Course Requirements (18 credits)		
	CPT/BTC 103	Microcomputer Applications	3
	CPT/BUS 105	Ethics in Technology	3
	CPM 120	Introduction to Multimedia (Adobe Creative Cloud)	3
	CPM 160	Frontend Web Development (HTML/CSS/JavaScript)	3
	CPM 210	Digital Photo Editing (Adobe Photoshop)	3
	CPM 295	Web Project/Portfolio Capstone	3
Media Development Pathway Core (18 Credits)			
	CPM 170	Computer Graphics (Adobe AI)	3
	CPM 220	3-D Modeling and Animation (Sketchup)	3
	CPM 230/BUS 272	Social Media Marketing for the Web	3
	CPM 240	Web Development	3
	CPM 250	Motion Graphics (Adobe Ae)	3
	CPM 270	Digital Video Editing (Premiere/AfterEffects)	3
Media Development Pathway Electives- Choose 3 (9 Credits)			
	CPM 175	Digital Media Publication (Adobe InDesign)	3
	CPM 189	Digital Audio Editing (Adobe Audition)	3
	CPM 290	Topics in Multimedia & Web Development	3
	ART 2110	Visualization & Layout	3
	ART 2120	Typography	3
	xxx xxx	Any course from Web development pathway	3

Web Development Pathway Core (17 Credits)

CPM 190	Backend Web Development	3
CPM 260	Word Press	3
CPT 188	JavaScript	3
CPT 135	Programming in Python	4
CPT 207	Career Development for Technology Professionals	1
CPT-250	Database Programming	3

Web Development Pathway Electives- Choose 3 (9 Credits)

CPM 290	Topics in Multimedia & Web Development	3
CPT 160	Mobile Apps Development	3
CPT 189	Java Programming	3
xxx xxx	Any course from Media development pathway	3

Total Required Hours: 60-61 credits

Networking AAS

Subject	Course	Title	Credits		
General Education Requirements (16-17 credits)					
Mathematics	MAT 105	Applied Mathematics or higher	3-4		
	ENG 101 or ENG 102 or ENG 115	English Composition I English Composition II Technical Writing	3		
	Communication	COM 101 or COM 104 or COM 106 or COM 110	Introduction to Communication Small Group Communication Public Speaking Interpersonal Communication	3	
Social Science		HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL 101 CHM 101 or BIO 105 or BIO 108 or BIO 110 or	U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877 American Government Introduction to Chemistry Essentials in Biology Trends in Science Human Biology	3	
		Natural Science	PHE 240 or PHY 105 or PHY 111 or PHY 125 or PHY 130 COL 101	Nutrition for Weight Management Environmental Geology Introduction to Physical Science Introduction to Physical Geology Astronomy College Success Seminar	3 1
			Core Course Requirements (48 credits)		
	BTC/CPT 103		Microcomputer Applications	3	
	IT 110		Microsoft Technologies I	3	
	IT 210		Microsoft Technologies II	3	
	IT 130	Introduction to Linux	3		
	IT 230	Linux Administration	3		
	IT 140	Programming for System Administrators	3		
	IT 151	CCNA1 (Introduction to Networks)	4		
	IT 152	CCNA2 (Switching, Routing, Wireless Essentials)	4		
	IT 153	CCNA3 (Enterprise Networking, Security, Automation)	4		
	IT 155	Programming for Network Administrators (DevNet)	4		
	IT 160	Virtualization Technologies	3		
	IT 251	CCNP Enterprise Routing and Services	4		
	IT 252	CCNP Advanced Enterprise Routing and Services	4		
	IT 299	Topics in Information Technology	3		

Total Required Hours: 64-65 credits

Occupational Therapy Assistant AAS

Subject	Course	Title	Credits
General Education Requirements (19 credits)			
Math	MAT 105 or higher	Applied Math or higher	3
	ENG 101	English Composition I	3
Communication	COM 101 or	Introduction to Communication	3
	COM 104 or	Small Group Communication	
	COM 110	Interpersonal Communication	3
	PSY 101	Intro to Psychology	
Social Science	PSY 210	Human Growth & Development	3
	HIS 101 or	U.S. History to 1877 or	3
	HIS 102 or	U.S. History Since 1877 or	
	HIS 103 or	African American History to 1877	
	HIS 104 or	African American History Since 1877	1
	POL 101	American Government	
	COL 101	College Success Seminar	
Core Course Requirements (47 credits)			
	OTA 105	Fundamentals of OTA I	12
	OTA 115	Kinesiology/Functional A & P	0
	OTA 125	Occupation Based Activities I	0
	OTA 106	Fundamentals of OTA II	12
	OTA 116	Applied A & P for Health & Disease	0
	OTA 126	Occupation Based Activities II	0
	OTA 205	Fundamentals of OTA III	13
	OTA 215	Prof Development/Clinical Competency	0
	OTA 225	Occupation Based Activities III	0
	OTA 226	OTA Practicum I	4
	OTA 227	OTA Practicum II	4
	OTA 206	OTA Capstone	2
Total Required Hours: 66 credits			

Paraprofessional Studies AAS

Subject	Course	Title	Credits
General Education Requirements (15-16 credits)			
Mathematics	MAT 108 or	Understanding K-8 Mathematics	3-4
	MAT 121 or higher	Intermediate Algebra	
	ENG 101	English Composition I	3
Communication	COM 101 or	Introduction to Communication*	3
	COM 104 or	Small Group Communication	
	COM 106 or	Public Speaking	
Social Science	COM 110	Interpersonal Communication	3
	POL 101	American Government	
	CHM 101 or	Introduction to Chemistry*	
Natural Science	BIO 105 or	Essentials in Biology*	3
	BIO 108 or	Trends in Science	
	BIO 110 or	Human Biology	
	BIO 122 or	Environmental Sciences	
	PHY 105 or	Environmental Geology	
	PHY 111 or	Introduction to Physical Science*	
	PHY 125 or	Introduction to Physical Geology	
PHY 130	Astronomy		
Core Course Requirements (39 credits)			
	HIS 101 or	U.S. History to 1877	3
	HIS 102 or	U.S. History Since 1877	
	HIS 115 or	U.S. History Since 1945	
	HIS 145 or	Western Civilization: Ancient & Medieval Heritage	3
	HIS 146	Western Civilization: Modern European Heritage	
	PSY 101	Introduction to Psychology	3
	PSY 201 or	Child Psychology	3
	PSY 215	Adolescent Psychology	
	EDU 101	Introduction to Teacher Education	1
	EDU 125 or	Teaching Literacy through Storytelling	3
	EDU 225	Literature for Children	
	EDU 212	Foundations of Education in a Diverse Society	3
	EDU 222	Educational Technology	3
	EDU 240	Educational Psychology	3
	EDU 247	Multicultural Education	3
	EDU 250	Education of Exceptional Learners	3
	EDU 252	Autism Spectrum Disorders	3
	EDU 217	Educating Young Children with Special Needs	3
	EDU 285	Teaching Profession With Field Experience	3
EDU 280	Practicum for Paraprofessionals	2	
Elective (6 credits)			
Choose Two:	EDU 242	Art for Children	6
	EDU 246	Music for Children	
	EDU 125	Teaching Literacy through Storytelling	
	EDU 225	Literature for Children	
	EDU 205	Children, Families and Communities	
	EDU 208	Nutrition, Health and Safety of Children	
EDU 201	Cognitive Activities and STEM for Young Children		

Total Required Hours: 60-61 credits

*Recommended Courses

Paraprofessional Studies Autism Specialist AAS

Subject	Course	Title	Credits
General Education Requirements (27-28 credits)			
Mathematics	MAT 108 or	Understanding K-8 Mathematics	3-4
	MAT 121 or higher	Intermediate Algebra	
Communication	ENG 101	English Composition I	3
	ENG 102 or	English Composition II	3
	ENG 115 or	Technical Writing	
	ENG 125	Business Writing	
	COM 101 or	Introduction to Communication	3
	COM 110	Interpersonal Communication	3
	POL 101	American Government	
	PSY 101	Introduction to Psychology	
Social Science	EDU 247 or	Multicultural Education	3
	HIS 101 or	U.S. History to 1877	
	HIS 102 or	U.S. History Since 1877	
	HIS 115	U.S. History Since 1945	
Natural Science	Any BIO or	Any Biology Course	3
	Any CHM or	Any Chemistry Course	
	ANY PHY	Any Physical Science Course	
Humanities	EDU 242	Art for Children	3
Secondary Core Course Requirements (36 credits)			
	PSY 201	Child Psychology	3
	EDU 125 or	Teaching Literacy through Storytelling	3
	EDU 225	Literature for Children	
	EDU 101	Introduction to Teacher Education	1
	PSY 215	Adolescent Psychology	3
	EDU 212	Foundations of Education in a Diverse Society	3
	EDU 222	Educational Technology	3
	EDU 240	Educational Psychology	3
	EDU 250	Education of Exceptional Learners	3
	EDU 252	Autism Spectrum Disorders	3
	EDU 255	Social Communication & Sensory Integration	3
	EDU 285	Teaching Profession with Field Experience	3
	EDU 280	Practicum for Paraprofessionals	2
	PSY 200	Applied Behavioral Analysis	3
Elective (3 credits)			
	EDU 246	Music for Children	3
	EDU 247	Multicultural Education	
	EDU 125	Teaching Literacy through Storytelling	
Choose One:	EDU 225	Literature for Children	
	EDU 205	Children, Families and Communities	
	EDU 208	Nutrition, Health and Safety of Children	
	EDU 201	Cognitive Activities and STEM for Young Children	
Total Required Hours: 66-67 credits			

Programming AAS

Subject	Course	Title	Credits
General Education Requirements (16 credits)			
Mathematics	MAT 105 (or higher)	Math Elective	3
Communication	ENG 101, 102, 115	Writing Elective	3
	COM 101, 104, 106, 110	Communication Elective	3
Natural Science	CHM 101 or	Introduction to Chemistry	3
	BIO 105 or	Essentials in Biology	
	GEO 103 or	Physical Geography	
	BIO 108 or	Trends in Science	
	BIO 110 or	Human Biology	
	PHY 105 or	Environmental Geology	
	PHY 111 or	Introduction to Physical Science	
	PHY 125 or	Introduction to Physical Geology	
Social Science	PHY 130	Astronomy	3
	HIS 101 or	US History to 1877	
	HIS 102 or	US History Since 1877	
	HIS 103 or	African American History to 1877	
Social Science	HIS 104	African American History since 1877	3
	POL 101	American Government	
Institutional Elective	POL 102	State & Local Government	1
	COL 101	College Success Seminar	
Computer Science Core Requirements (14 credits)			
	CPT 103	Microcomputer Applications	3
	CPT 105	Ethics in Technology	3
	CPT 135	Computer Science 1 with Python	4
	CPT 200	System Analysis & Design Capstone	3
	CPT 207	Career Development for Technology Professionals	1
Programming Core Course Requirements (18 credits)			
	CPT 106	Operating Systems	3
	CPT 181	SQL Programming	3
	CPT 182, 189	Programming Elective	3
	CPT 185	C+ Programming	3
	CPT 201	Database Design & Administration	3
	CPT 281, 287	Data Structures Elective	3
Programming Elective Courses (12 credits)			
	CPM 160	Frontend Web Development (HTML/CSS/JavaScript)	3
	CPM 190	Backend Web Development (JavaScript/XML/PHP/MySQL)	3
	CPM 240	Web Development Process	3
	CPT 188	Javascript	3
	CPT 104	Animation & Gaming w/Unity	3
	CPT 121	Basics of Data Communications	3
	CPT 160	Mobile Apps Development	3
	CPT 182	Computer Science II w/C ++	3
	CPT 189	Computer Science II w/Java	3
	CPT 198	Computer Science Internship	1-3
	CPT 250	Understand Data W/Apache Spark	3
	CPT 260	Oracle Programming	3
	CPT 281	Introduction to Data Structures with C++	3
	CPT 287	Introduction to Data Structures with Java	3
	IT 140	Programming for System Administrators	3
	IT 170	Security Fundamentals	3
	IT 171	Ethical Hacking	3

Total Required Credit Hours: 60 credit hours 59

Skilled Trades AAS

Subject	Course	Title	Credits		
General Education Requirements (16 credits)					
Mathematics	MAT 105 or higher	Applied Mathematics or higher	3		
	COM 101 or COM 104	Introduction to Communication Small Group Communication			
Communication	COM 106 or COM 110	Public Speaking Interpersonal Communication	3		
	ENG 101 or ENG 102 or ENG 115	English Composition I English Composition II Technical Writing			
	Social Sciences	HIS 101 or HIS 102 or HIS 103 or HIS 104 or		U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877	3
		POL 101		American Government	
Natural Science		CHM 101 or BIO 105 or BIO 108 or BIO 110 or	Introduction to Chemistry Essentials of Biology Trends in Science Human Biology	3	
		PHY 105 or PHY 111 or PHY 125 or PHY 130	Environmental Geology Introduction to Physical Science Introduction to Physical Geology Astronomy		
	College 101 Requirement	COL 101	College Success Seminar		1

Core Course Requirements (45 credits)

This requirement is fulfilled by the approved completion of the Journeyman's Certificate from the Bureau of Apprenticeship and Training, a division of the U.S. Department of Labor. These credit hours will be granted at the completion of all the other A.A.S. degree requirements.

Total Required Hours: 61 credits

Supply Chain and Logistics AAS

Subject	Course	Title	Credits
General Education Requirements (16-17 credits)			
Math	MAT 105 or higher	Applied Mathematics	3-4
	COM-101, COM-104, COM-106, COM-110	Communication Elective	3
Communication	ENG-101 or	English Composition I	3
	ENG-102 or	English Composition II	
	ENG-115	Technical Writing	
Social Science	HIS 101 or	U.S. History to 1877 or	3
	HIS 102 or	U.S. History Since 1877 or	
	HIS 103 or	African American History to 1877	
	HIS 104 or	African American History Since 1877	
	POL 101	American Government	
	POL-102	State & American Government	
	CHM 101	Introduction to Chemistry	
Natural Science	BIO 105	Essentials of Biology	3
	BIO 108	Trends in Science	
	BIO 110	Human Biology	
	BIO 122	Environmental Science	
	PHY 105	Environmental Geography	
	PHY 111	Introduction to Physical Science	
	PHY 125	Introduction to Physical Geography	
PHY 130	Astronomy		
Core Course Requirements (38 credits)			
	LGM-100	Survey of Industries	1
	LGM-101	Logistics and Supply Chain I	3
	LGM-105	Intro to Supply Chain Operational Mgmt.	3
	LGM-205	Global Logistics, Trade, and Culture	3
	LGM-210	Logistics and Supply Chain II	3
	MFG-101	Principles of Safety	3
	MFG-111	Principles of Quality Practices	3
	MFG-141	Principles of Green Production	3
	MFG-201	Principles of Mfg. Processes and Prod.	3
	MFG-215	Problem Solving Tactics in Mfg.	3
	MFG 225 or	Supervisory Skills	3
	BUS-206	Human Resources Management	3
	GEO-120	Introduction to GIS	3
Pick One	BUS-204 or	Total Quality Operations Management	3
	BUS-208	Entrepreneurship/ Small Bus Mgmt.	
	MFG-290	Internship Capstone	1
Electives (6 credits)			
	LGM-215	Intro to Data Analytics	3
	ACT-101	Applied Accounting	3
Pick two:	CAD-104	Intro to AutoCAD	3
	CAD-106	Intro to Autodesk Inventor	3
	BUS-210	Organizational Behavior	3
Total Required Hours: 60-62 credits			

Welding AAS

SUBJECT	COURSE	TITLE	CREDITS	
General Education Requirements (16 credits)				
Mathematics	MAT 105	Applied Mathematics or higher	3	
	ENG 101 or ENG 102 or ENG 115	English Composition I English Composition II Technical Writing	3	
Communication	COM 101 or COM 104 or COM 106 or COM 110	Introduction to Communication Small Group Communication Public Speaking Interpersonal Communication	3	
	HIS 101 or HIS 102 or HIS 103 or HIS 104 or	U.S. History to 1877 or U.S. History Since 1877 or African American History to 1877 African American History Since 1877	3	
	POL 101 POL 102	American Government State & Local Government		
	CHM 101 or BIO 105 or BIO 108 or BIO 110 or	Introduction to Chemistry Essentials of Biology Trends in Science Human Biology	3	
Natural Science	PHY 105 or PHY 111 or PHY 125 or PHY 130	Environmental Geology Introduction to Physical Science Introduction to Physical Geology Astronomy		
	College 101 Requirement	COL 101	College Success Seminar	1
	Core Course Requirements (45 credits)			
	WLD 101	Introduction to Welding	3	
	WLD 111	Thermal Cutting	2	
	WLD 121	Shielded Metal Arc Welding I	4	
	WLD 221	Shielded Metal Arc Welding II	4	
	WLD 131	Gas Metal Arc Welding I	3	
	WLD 231	Gas Metal Arc Welding II	4	
	WLD 141	Flux Cored Arc Welding I	3	
	WLD 241	Flux Cored Arc Welding II	4	
	WLD 151	Gas Tungsten Arc Welding I	4	
	WLD 251	Gas Tungsten Arc Welding II	4	
	MFG 101	Principles of Safety	3	
	MFG 132	Precision Tool & Measurement	3	
	MFG 130	Basic Blueprint Reading	3	
	MFG 290	Internship Capstone	1	
Total Required Hours: 61 credits				



ASSOCIATE OF ARTS IN TEACHING GENERAL EDUCATION REQUIREMENTS

SOCIAL SCIENCES

To develop students' understanding of themselves and the world around them through study of content and the processes used by historians and social and behavioral scientists to discover, describe, explain, and predict human behavior and social systems. Students must understand the diversities and complexities of the cultural and social world, past and present, and come to an informed sense of self and others.

Nine credit hours

PSY 101

HIS 102* or HIS 146

POL 101* or POL 102

* Students must take either HIS 102 or POL 101 to meet state requirements.

HUMANITIES

To develop students' understanding of the ways in which humans have addressed their condition through imaginative work in the humanities and fine arts; to deepen their understanding of how that imaginative process is informed and limited by social, cultural, linguistic, and historical circumstances; and to appreciate the world of the creative imagination as a form of knowledge.

Three credit hours

EDU 225 or

Choose one:

LIT 200, LIT 201, LIT 207, LIT 210, LIT 215,
LIT 220, LIT 222, LIT 223, LIT 230, LIT 240,
LIT 250, LIT 252, LIT 260, LIT 271, LIT 272,
LIT 273, LIT 275, LIT 280, LIT 289

COMMUNICATION

To develop students' effective use of the English language and quantitative and other symbolic systems essential to their success in school and in the world. Students should be able to read and listen critically and to write and speak with thoughtfulness, clarity, coherence, and persuasiveness.

Nine credit hours

ENG 101

ENG 102

COM 101 or 106

ASSOCIATE OF ARTS IN TEACHING GENERAL EDUCATION REQUIREMENTS (CONTINUED)

GENERAL EDUCATION ELECTIVE

To develop students' abilities to understand the moral and ethical values of a diverse society and to understand that many courses of action are guided by value judgments about the way things ought to be. Students should be able to make informed decisions through identifying personal values and the values of others and through understanding how such values develop. They should be able to analyze the ethical implications of choices made on the basis of these values.

Three credit hours

- GEO 100 or
- EDU 247
- ECO 100
- ECO 110
- ECO 120

MATHEMATICS

To develop students' understanding of fundamental mathematical concepts and their applications. Students should develop a level of quantitative literacy that would enable them to make decisions and solve problems and which could serve as a basis for continued learning.

Four credit hours

- MAT 156 or
- MAT 158 (for secondary math or science major)

NATURAL SCIENCE

To develop students' understanding of the principles and laboratory procedures of life and physical sciences and to cultivate their abilities to apply the empirical methods of scientific inquiry. Students should understand how scientific discovery changes theoretical views of the world, informs our imaginations, and shapes human history. Students should also understand that science is shaped by historical and social contexts.

Must take 2 Classes and 2 corresponding labs:

- BIO 105/106
- CHM 101/103
- PHY 111/113

This degree also requires completion and passage of the Disposition and MOGEA exams.

Early Childhood Education Transfer AAT

Subject	Course	Title	Credits
General Education Requirements (40 credits)			
Mathematics	MAT 156 or	College Algebra - Educators	4
	MAT 158	College Algebra-Gen Ed	
Communication	ENG 101	English Composition I	3
	ENG 102	English Composition II	3
	COM 101 or	Introduction to Communications	3
Social Science	COM 106	Public Speaking	3
	PSY 101	Introduction to Psychology	3
	HIS 102 or	US History Since 1877*	3
*Preferred by most transfer institutions and meets state requirement.	HIS 146	Western Civ: Modern Europe	3
	POL 101 or	American Government*	3
	POL 102	State and Local Government	3
Natural Science (Must take 2 classes and 2 corresponding labs)	BIO 105/106	Essentials of Biology and Essentials of Biology Lab	8
	PHY 111/113	Intro. to Physical Science & Intro. to Physical Science Lab	
	CHM 101/103	Intro. to Chemistry and Intro. to Chemistry Lab	
Humanities Choose one course:	EDU 225	Literature for Children	3
	LIT 200 or	World Mythology	
	LIT 201 or	Mythology in Western Culture	
	LIT 207 or	Introduction to the Bible as Literature	
	LIT 210 or	American Literature from 1620-1865	
	LIT 215 or	Introduction to Poetry	
	LIT 220 or	American Literature from 1865-Present	
	LIT 222 or	Native American Literature	
	LIT 223 or	African American Literature	
	LIT 230 or	Contemporary Fiction	
	LIT 240 or	Contemporary Literature	3
	LIT 250 or	English Literature before 1800	
	LIT 252 or	Introduction to Shakespeare	
	LIT 260 or	English Literature after 1800	
	LIT 271 or	Literature and Contemporary Cultures	
	LIT 272 or	World Literature - Ancient World through the Renaissance	
	LIT 273 or	World Literature - Enlightenment to 20th Century	
LIT 275 or	Holocaust Literature		
LIT 280 or	Gender Issues in Literature		
LIT 205	Intro to Literature		
LIT 289	Writing about Literature		
Elective - Choose one:	GEO 100 or	Principles of Geography	
	ECO 100* or	Survey Economics	
* If choosing to take economics, please first determine which economics course will transfer to your four-year school of choice.	ECO 110* or	Principles of Macroeconomics	3
	ECO 120* or	Principles of Microeconomics	
	EDU 247**	Multicultural Education	
	COL-101	College Success Seminar	1
Core Course Requirements (18 credits) - All EDU courses must be completed with a grade of "C" or higher and cumulative GPA of 3.00			
	EDU 101	Introduction to Teacher Education	1
	EDU 212	Foundations of Education in a Diverse Society	3
	EDU 222	Educational Technology	3
	EDU 240	Education Psychology	3
	EDU 285	Teaching Profession with Field Experience	3
	EDU 286	Teaching & Learning in PK-12 Schools - Education Practicum I	4
	EDU 290	Portfolio Assessment in Education	1
Electives - Choose 2 Courses From Below (6 credits)			
	EDU 125	Teaching Literacy through Storytelling	3
	EDU 201	Cognitive Activities & STEM for Young Children	3
	EDU 202	Music, Movement & Creative Play for Young Children	3
	EDU 205	Children, Families, and Communities	3
	EDU 208	Nutrition, Health, and Safety of Young Children	3
*Courses are a part of the Statewide Articulation	EDU 225	Literature for Children	3

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AAT Agreement	EDU 242	Art for Children	3
	EDU 247*	Multicultural Education	3
	EDU 217	Educating Young Children with Special Needs	3
	EDU 250*	Education of Exceptional Learners	3
	EDU 252	Autism Spectrum Disorders	3
	EDU 255	Social Communication and Sensory Integration	3
Total Required Hours: 64 credits			

Elementary Education Transfer AAT

Subject	Course	Title	Credits	
General Education Requirements (40 credits)				
Mathematics	MAT 156 or MAT 158	College Algebra - Educators College Algebra-Gen Ed	4	
	ENG 101	English Composition I	3	
Communication	ENG 102	English Composition II	3	
	COM 101 or COM 106	Introduction to Communications Public Speaking	3	
	PSY 101	Introduction to Psychology	3	
Social Science	HIS 102 or	US History Since 1877*	3	
	Preferred by most transfer institutions and meets state requirement.	HIS 146 POL 101 or POL 102	Western Civ: Modern Europe American Government State and Local Government	3
Natural Science (Must take 2 classes and 2 corresponding labs)		Essentials of Biology and Essentials of Biology Lab	8	
	BIO 105/106 PHY 111/113	Intro. to Physical Science & Intro. to Physical Science Lab		
	CHM 101/103	Intro. to Chemistry and Intro. to Chemistry Lab		
Humanities	EDU 225	Literature for Children	3	
	Choose one course:	LIT 200 or LIT 201 or LIT 207 or LIT 210 or LIT 215 or LIT 220 or LIT 222 or LIT 223 or LIT 230 or LIT 240 or LIT 250 or LIT 252 or LIT 260 or LIT 271 or LIT 272 or LIT 273 or LIT 205 or LIT 275 or LIT 280 or LIT 289	World Mythology Mythology in Western Culture Introduction to the Bible as Literature American Literature from 1620-1865 Introduction to Poetry American Literature from 1865-Present Native American Literature African American Literature Contemporary Fiction Contemporary Literature English Literature before 1800 Introduction to Shakespeare English Literature after 1800 Literature and Contemporary Cultures World Literature - Ancient World through the Renaissance World Literature - Enlightenment to 20th Century Intro to Literature Holocaust Literature Gender Issues in Literature Writing about Literature	3
Multicultural/Valuing- Choose one:		ECO 100* or ECO 110* or	Survey Economics Principles of Macroeconomics	

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* If choosing to take economics, please first determine which economics course will transfer to your four-year school of choice.	ECO 120* or	Principles of Microeconomics	3
	GEO 100	Principles of Geography	
** Cannot count for both EDU and MVC credit	EDU 247**	Multicultural Education (most commonly recommended)	
	COL-101	College Success Seminar	1
Core Course Requirements (18 credits) - All EDU courses must be completed with a grade of "C" or higher and cumulative GPA of 3.00			
	EDU 101	Introduction to Teacher Education	1
	EDU 212	Foundations of Education in a Diverse Society	3
	EDU 222	Educational Technology	3
	EDU 240	Education Psychology	3
	EDU 285	Teaching Profession with Field Experience	3
	EDU 286	Teaching & Learning in PK-12 Schools - Education Practicum I	4
	EDU 290***	Portfolio Assessment in Education	1
Electives** (6 credits)			
Choose one (3 credits):	EDU 242	Art for Children (UMSL Cohort required)	
	EDU 245	Integrating Movement & the Arts of Elem. Ed	3
	EDU 246	Music for Children	
	EDU 125	Teaching Literature through Storytelling	
Choose one (3 credits):	EDU 225	Literature for Children	
	EDU 242	Art for Children	
*Part of Statewide Articulation AAT Agreement	EDU 246	Music for Children	3
	EDU 247*	Multicultural Education	
	EDU 250*	Education for Exceptional Learners	
	EDU 252	Autism Spectrum Disorders	

Total Required Hours: 64 credits

* Students must take either HIS 102 or POL 101 to meet state requirements

** Entire State exam must be passed for successful completion of EDU 290. State Exam covers English, Math, Science and Social Studies – must achieve a passing score in all areas – recommend taking before completion of 30 credit hours.

Secondary Education Transfer AAT

Subject	Course	Title	Credits
General Education Requirements (40 credits)			
Mathematics	MAT 156 or	College Algebra - Educators	4
	MAT 158	College Algebra- Gen Ed	
	ENG 101	English Composition I	3
Communication	ENG 102	English Composition II	3
	COM 101 or	Intro to Communications	3
	COM 106	Public Speaking	
Social Science	PSY 101	Introduction to Psychology	3
	HIS 102 or	US History Since 1877*	3
*Preferred by most transfer institutions and meets state requirement.	HIS 146	Western Civ: Modern Europe	
	POL 101 or	American Government*	3
	POL 102	State and Local Government	
Natural Science	BIO 105/106	Essentials of Biology and Essentials of Biology Lab	8
Option 1 (Must take 2 classes and 2 corresponding	PHY 111/113	Intro. to Physical Science & Intro. to Physical Science Lab	
	CHM 101/103	Intro. to Chemistry and Intro. to Chemistry Lab	5
Option 2-Secondary Science Majors only	CHM-115	General Chemistry 1	
	PHY 111 or	Intro to physical Science	3
	BIO-150	Gen Bio: Cells to Organisms	
Humanities	EDU 225 (most commonly recommended) or	Literature for Children	6
	LIT 200 or	World Mythology	
	LIT 201 or	Mythology in Western Culture	
	LIT 207 or	Introduction to the Bible as Literature	
	LIT 210 or	American Literature from 1620-1865	
	LIT 215 or	Introduction to Poetry	
	LIT 220 or	American Literature from 1865-Present	
	LIT 222 or	Native American Literature	
	LIT 223 or	African American Literature	
	LIT 230 or	Contemporary Fiction	
	LIT 240 or	Contemporary Literature	
	LIT 250 or	English Literature before 1800	
	LIT 252 or	Introduction to Shakespeare	
	LIT 260 or	English Literature after 1800	
	LIT 271 or	Literature and Contemporary Cultures	
	LIT 272 or	World Literature - Ancient World through the Renaissance	
	LIT 273 or	World Literature - Enlightenment to 20th Century	
LIT 275 or	Holocaust Literature		
LIT 280 or	Gender Issues in Literature		
LIT 205	Intro to Literature		
LIT 289	Writing about Literature		
Elective - Choose one:	GEO 100 or	Principles of Geography	3
	ECO 100* or	Survey Economics	
* If choosing to take economics, please first determine which economics course will transfer to your four-year school of choice.	ECO 110* or	Principles of Macroeconomics	3
	ECO 120* or	Principles of Microeconomics	
** Cannot count for both EDU and MVC credit.	EDU 247**	Multicultural Education	1
	COL-101	College Success Seminar	

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Core Course Requirements (18 credits) - All EDU courses must be completed with a grade of "C" or higher and cumulative GPA of 3.00

EDU 101	Introduction to Teacher Education	1
EDU 212	Foundations of Education in a Diverse Society	3
EDU 222	Educational Technology	3
EDU 240	Education Psychology	3
EDU 285	Teaching Profession with Field Experience	3
EDU 286	Teaching & Learning in PK-12 Schools - Education Practicum I	4
EDU 290	Portfolio Assessment in Education***	1

Electives - Choose 2 Courses From Below (6 credits)

	EDU 225 or	Literature for Children	
	EDU 247* or	Multicultural Education	
Courses are a part of the	EDU 250 or	Education of Exceptional Learners	
Statewide Articulation AAT	EDU 252 or	Autism Spectrum Disorders	3-6
Agreement	EDU-242 or	Art for Children	
	EDU-246 or	Music for Children	
	EDU 245 or	Integrating Movement & the Arts in Elementary Ed	
Secondary majors may take	PSY 210 or	Human Growth and Development	
one of the courses listed in			
this block. It could be one			
of the psychology courses	PSY 215 or	Adolescent Psychology	3
or one course in their			
content field as an EDU			
elective (above what is	Content Course	Content Area Course (above what is already required	
required).		for the AAT.	

Total Required Hours: 64 credits

** Students must take HIS 102 or POL 101 to meet state requirements.

*** Required state exams must be passed for successful completion of EDU 290. State Exam covers English, Math, Science and Social Studies – must achieve a passing score in all areas – recommend taking before completion of 30 credit hours.

Creative Writing AFA

Subject	Course	Title	Credits		
General Education Requirements (26 credits)					
Mathematics [^]	MAT 155 or higher	Contemporary College Math or higher	4		
Communication	ENG 101	English Composition I	3		
		Any COM MOTR course (minus 200-level)	3		
Social Science	HIS 101 or	U.S. History to 1877	3		
	HIS 102 or	U.S. History Since 1877			
	HIS 103 or	African-American History to 1877			
	HIS 104 or	African-American History Since 1877			
	POL 101 or	American Government			
Humanities		ENG 201, LIT 205, and any 3-credit 200-level English course	9		
Natural Sciences		Any CORE 42 BIO, CHM, or PHY	3		
	COL 101	College Seminar	1		
Core Course Requirements (35 credits)					
		Course	Title	Credits	
One of the following:	ENG 202	Creative Writing II	3		
	ENG 203	Self-Publishing Workshop			
Three of the following not used for general education requirements:	ENG 200	Book Writing Workshop	9		
	ENG 206	Fiction Writing			
	ENG 207	Poetry Writing			
	ENG 208	Writing Creative Nonfiction			
	ENG 209	Writing for Stage & Screen			
	ENG 210	Writing Science Fiction, Fantasy & Surrealism			
	ENG 250	Advanced Creative Writing			
	ENG 299	Topics in Creative Writing			
	One of the following:	LIT 210		American Literature I	3
		LIT 220		American Literature II	
LIT 250		British Literature I			
LIT 260		British Literature II			
LIT 215		Introduction to Poetry			
LIT 216		Dramatic Literature			
LIT 230		Contemporary Fiction			
LIT 240		Contemporary Literature			
ENG 298	Creative Writing Portfolio	1			
ENG 102	English Composition II	3			
	Any 2 CORE 42 Social Science courses	6			
	Any 1 CORE 42 Natural Science + lab course	4			
	HIS 145 + any other CORE 42 Humanities course or two foreign language courses*	6			
Total Hours Required For Graduation: 61					

[^] Students opting to transfer to the Truman State University BFA program are required to take MAT 157.

* Students opting to transfer to the Truman State University BFA program are required to take two Foreign Language courses.

Music Transfer AFA

Subject	Course	Title	Credits
General Education Requirements (24 credits)			
Communication	ENG 101 or ENG 102	English Composition I or English Composition II	3
		Any COM MOTR course (minus 200-level)	3
Mathematics	MAT 155**	Contemporary College Math or higher	4
	HIS 101 or	U.S. History to 1877	
	HIS 102 or	U.S. History Since 1877	
Social Science	HIS 103 or	African-American History to 1877	3
	HIS 104 or	African-American History Since 1877	
	POL 101	American Government	
Natural Science		Any CORE 42 BIO, CHM, or PHY	3
Humanities	MUS 231	Music History I	3
	MUS 232	Music History II	3
	MUS 115/116/117/118 or	Chamber Choir I, II, III, IV	
	MUS 105/106/107/108 or	SCC Singers I, II, III, IV	
	MUS 175/176/177/178 or	Concert Band I, II, III, IV	
	MUS 145, 146, 147, 148 or	Jazz Band I, II, III, IV	
	MUS 135/136/137/138 or	Women's Chorale I, II, III, IV	1
	MUS 195, 196, 197, 198 or	Wind Ensemble I, II, III, IV	
	MUS 165, 166, 167 or	Instrumental Chamber Ensemble I, II, III	
	MUS 141, 142, 143, 144 or	Show Choir I, II, III, IV	
	MUS 185/186/187/188	Orchestra I, II, III, IV	
	COL-101	College Success Seminar	1
Music Core Course Requirements (31 credits)			
	MUS 021 (all 4 semesters)	Recital and Concert Attendance	0
	MUS 131/132/281/282	Music Theory I, II, III, IV	12
	MUS 133/134/283/284	Ear Training and Sight Singing I, II, III, IV	4
	MUS 119/120/219/220	Piano Proficiency I, II, III, IV	4
	<i>Large Ensemble - Choose 3 courses from the following: 3 semesters of the same ensemble is highly recommended but may be earned with a combination of ensemble credits</i>		
	MUS 115/116/117/118 or	Chamber Choir I, II, III, IV	
	MUS 105/106/107/108 or	SCC Singers I, II, III, IV	
	MUS 175/176/177/178 or	Concert Band I, II, III, IV	
	MUS 145, 146, 147, 148 or	Jazz Band I, II, III, IV	
	MUS 135/136/137/138 or	Women's Chorale I, II, III, IV	3
	MUS 195, 196, 197, 198 or	Wind Ensemble I, II, III, IV	
	MUS 165, 166, 167 or	Instrumental Chamber Ensemble I, II, III	
	MUS 141, 142, 143, 144 or	Show Choir I, II, III, IV	
	MUS 185/186/187/188 or	Orchestra I, II, III, IV	
(2 credits each semester in primary instrument) Private Lessons - 4 or 8 total credits of Applied Music Lessons (4 semesters of 2 credits each in your primary instrument is highly recommended but may be earned with a combination of the 1 or 2 credit lessons in more than one area. Students following the Music Education Pathway should take 4 semesters of 1 credit lessons			
	MW or	Applied Voice	
	MVK or	Applied Piano or Organ	
	MVG or	Applied Guitar, Bass Guitar, or Jazz Guitar	

MVP or	Applied Percussion	4 or 8
MVS or	Applied Strings	
MVW or	Applied Woodwinds	
MVB	Applied Brass	

Music Elective Requirements: Choose 6-10 credits total of any combination of courses taken from this list, the ensemble list, the private lesson list, or approved by the Music Department Chair. Students following the Music Education pathway will be encouraged to take classes from the list of electives that best allow for transfer into a four-year Music Education program.

MUS 162	ENGLISH/ITALIAN DICTION	1
MUS 163	FRENCH/GERMAN DICTION	1
MUS 164	JAZZ IMPROVISATION I	2
MUS 210	MUSIC TYPOGRAPHY	2
MUS 225	ELEMENTS OF CONDUCTING	3
MUS/THE 229	HISTORY OF AMERICAN MUSICAL THEATRE I	3
MUS/THE 230	HISTORY OF AMERICAN MUSICAL THEATRE II	3
MUS 234	JAZZ HISTORY	3
MUS 250	MUSIC AUDIO PRODUCTION I	3
MUS 251	MUSIC AUDIO PRODUCTION II	3
MUS 259	MUSICAL THEATRE WORKSHOP I	1
MUS 260	MUSICAL THEATRE WORKSHOP II	1
MUS 264	JAZZ IMPROVISATION II	2
MUS 285	TEACHING METHODS: WOODWINDS	2
MUS 286	TEACHING METHODS: BRASS	2
MUS 287	TEACHING METHODS: STRINGS	2
MUS 288	TEACHING METHODS: PERCUSSION	2
MUS 295*	OPERA THEATRE WORKSHOP	1-2
MUS-261	Music Business	3
EDU-101**	Intro to Teacher Education	1
EDU-212**	Foundations of Education in a Diverse Society	3
PSY-101**	Introduction to Psychology	3
EDU-222**	Educational Technology	3
EDU-240**	Educational Psychology	3
MUS 299	SOPHOMORE RECITAL	0

Total Required hours: 61 credits

- * May be repeated for additional degree credit
- ** Classes for Music Education Students

Studio Art or Graphic Design Transfer AFA

Subject	Course	Title	Credits
General Education Requirements (26 credits)			
Communication	ENG 101	English Composition I	3
		Any COM MOTR course (minus 200-level)	3
Mathematics	MAT 155	Contemporary College Math or higher	4
	HIS 101 or	U.S. History to 1877	
	HIS 102 or	U.S. History Since 1877	
Social Science	HIS 103 or	African-American History to 1877	3
	HIS 104 or	African-American History Since 1877	
	POL 101	American Government	
Natural Science		Any CORE 42 BIO, CHM, or PHY	3
	ART 1200	2D Design	3
Humanities	ART 1500	Survey of Western Art History I	3
	ART 1505	Survey of Western Art History II	3
	COL 101	College Success Seminar	1
Core Course Requirements (18 credits)			
	ART 1105*	Digital Art Studio	3
	ART 1205	Color Theory	3
	ART 1300	3-D Design	3
	ART 1400	Drawing I	3
	ART 1405	Drawing II	3
	ENG 102	English Composition II	3
Studio Art Electives (18 credits)			
		5 additional studio art courses reflecting a breadth of studio experiences. Studio Art Option majors must take at least one art elective from each of the three groups of art electives as follows:	
		ART 2300 or ART 2310 or ART 2400 or ART 2900	
Group 1	2900	Drawing III, or Figure Drawing I, or Painting I or Illustration I	3
		ART 2500 or ART 2550 or ART 2600	
Group 2	2600	Ceramics I, or Jewelry I, or Sculpture I	3
		ART 2700 or ART 2750 or ART 2810	
Group 3	2810	Intro to Printmaking, or Fibers or Digital Photography I	3
		The additional 2 art electives can be from whichever area the student has the most interest, or another area they have not yet tried including Graphic Design courses.	
2 additional Art Electives			6
	ART 2999****	Sophomore Studio Art Seminar	3
Graphic Design Electives - (18 credits)			
	ART 2100	History of Graphic Design	
	ART 2110	Visualization & Layout	
	ART 2120	Typography	
*Electives - Choose 5 courses from the following:	ART 2130	Digital Imaging & Illustration	15
	ART 2140	Web Design	
	ART 2810	Digital Photo I	
	ART 2160	Animation & Motion Graphics	
	ART 2170	Video Production	
Capstone	ART 2199	Portfolio Design & Professional Practices	3
Art Education Electives (19 credits)			
		3 additional studio art courses reflecting a breadth of studio experiences. One course from Group (1,2 & 3) is required. Seven additional credit hours of EDU-related coursework, based on four-year school's degree requirements.	
		ART 2300 or ART 2310 or ART 2400 or ART 2900	
Group 1	2900	Drawing III, or Figure Drawing I, or Painting I or Illustration I	3

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Group 2	ART 2500 or ART 2550 or ART 2600	Ceramics I, or Jewelry I, or Sculpture I	3
Group 3	ART 2700 or ART 2750 or ART 2810	Intro to Printmaking, or Fibers or Digital Photography I	3
Education Group	EDU-101 EDU-212 PSY-101, EDU- 222 or EDU-240 ART 2999	Introduction to Teacher Education Foundations of Education in a Diverse Society Intro to Psychology, Educational Technology, or Educational Psychology Sophomore Studio Art Seminar	1 3 3 3 3

* Graphic Design students may also choose Studio Art courses but should consult with the Graphic Design Chair for advising.

** ART 1105 also fulfills the SCC computer literacy requirement.

Total Required Hours: 62-63 credits

Theatre AFA

Subject	Course	Title	Credits
General Education Requirements (26 credits)			
Communication	ENG 101 or ENG 102	English Composition I or English Composition II	3
		Any COM MOTR course (minus 200-level)	3
Mathematics	MAT 155	Contemporary College Math or higher	4
	HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL 101 or	U.S. History to 1877 U.S. History Since 1877 African-American History to 1877 African-American History Since 1877 American Government	3
Natural Science		Any CORE 42 BIO, CHM, or PHY	3
Humanities	THE 122	Introduction to Theatre	3
	THE 128	Acting I	3
	THE 120	Intro to Script Analysis	3
	COL-101	College Success Seminar	1
Core Course Requirements (10 credits)			
	THE-140	Stagecraft	3
	THE-220	Stage Makeup	3
	THE-150	Rehearsal and Production I	1
	THE-151	Rehearsal and Production II	1
	THE-250	Rehearsal and Production III	1
	THE-251	Rehearsal and Production IV	1
Elective Course Requirements (24-26 credits)			
Acting Pathway			
	THE-228	Acting II	3
	THE-144	Modern Dance I or	
	THE-146	Jazz Dance I or	4
	THE-148	Tap Dance I (pick 2 of the 3)	
	THE-115/COM-116	Voice and Diction	3
	THE/MUS-229	Musical Theatre History up to 1943 or	3
	THE/MUS-230	Musical Theatre History since 1943	
	THE-240	Intro to Theatre Design	3
	THE-261	Intro to Theatre Management	3
	THE-210	Oral Interpretation	3
	ENG 208	Writing for Stage and Screen	3
Musical Theatre Pathway			
	THE-228	Acting II	3
	THE-144	Modern Dance I or	4
	THE-146	Jazz Dance I or	
	THE-148	Tap Dance I (pick 2 of the 3)	
	MVV-101	Voice Lessons I	2
	MVV-102	Voice Lessons II	2
	MUS-105 or 115	SCC Singers I or Chamber Choir I	1
	MUS-106 or 116	SCC Singers II or Chamber Choir II	1
	MUS-259	Musical Theatre Workshop I	1
	MUS-260	Musical Theatre Workshop II	1
	THE/MUS-229	Musical Theatre History up to 1943 or	3
	THE/MUS-230	Musical Theatre History since 1943	

Technical Theatre Pathway	MUS-134	Ear Training and Sight Singing II	1
	THE-221	Introduction to Costuming	3
	THE-262	Introduction to Stage Management	3
	THE-241	Introduction to Stage Lighting	3
	THE-242	Introduction to Sound Design	3
	THE-240	Intro to Theatre Design	3
	CPM-220	3-D Modeling and Animation	3
	THE-277	Stage Management Practicum	1-3
	THE-278	Theatre Design Practicum	1-3
	THE-261	Intro to Theatre Management	3

Additional Theatre Elective Options

THE-199	Theatre Internship	1-3
THE-277	Stage Management Practicum	1-3
THE-278	Theatre Design Practicum	1-3
THE-276	Theatre Directing Practicum	1-3

Total Required hours: 60-62 credits

Students are able to take practicum and internship courses as elective credit no matter which pathway they choose.

Agriculture AS

SUBJECT	COURSE	TITLE	CREDITS
General Education Requirements - 33-36 Credit Hours			
Mathematics	MAT 158 or	College Algebra – General Education	4
	MAT 162	College Algebra – STEM	
Communications	ENG 101	English Composition I	3
	ENG 102 or	English Composition II	3
	ENG 115	Technical Writing	
	COM 101 or	Introduction to Communication	3
COM 106	Public Speaking		
Social Science	HIS 101 or	US History to 1877	3
	HIS 102 or	US History Since 1877	
	POL 101	American Government	
		Any Social Science Course	
Natural Science	BIO 105/106 or	Essentials of Biology with Lab	4-5
	BIO 150/151	General Biology with Lab	
	CHM 101/103 or	Introduction to Chemistry with Lab	4-5
	CHM 115	General Chemistry I with Lab	
Humanities		Any Humanities Course	3
Elective	Social Science or	Any Social Science Course	3-4
	Humanities or	Any Humanities Course	
	MAT 175	Introduction to Statistics	
Core Course Requirements - 26 Credit Hours			
	AGR 100	Agriculture Industries	1
	AGS 170/171	Plant Science with Lab	4
	AGS 180	Animal Science	4
	AGB 110	Agricultural Economics	4
	AGR 105	Sustainable Agriculture and the Environment	3
	AGS 210/211	Soil Science with Lab	4
	AGR 120 or	Precision Agriculture	3
	AGR 110	Introductory Forestry	
	AGR 200	Agribusiness Internship	3
Total Required Hours: 59-62 credits			

Biology AS

Subject	Course	Title	Credits
General Education Requirements (25-26 credits)			
Mathematics	MAT 180 or MAT 210	Calculus and Analytic Geometry I Survey Calculus	4-5
	ENG 101	English Composition I	
Communication	ENG 102	English Composition II	3
	COM 101 or COM 110	Introduction to Communications Interpersonal Communication	3
	HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL 101	US History to 1877 US History Since 1877 African American History to 1877 African American History Since 1877 American Government	
Natural Science	BIO 150	General Biology: Cells to Organisms	5
Humanities		Choose any CORE 42-Approved Humanities Course	3
	COL 101	College Success Seminar	1
Core Course Requirements (31 credits)			
	BIO 151	General Biology: Organisms to Environment	5
	CHM 115	General Chemistry I	5
	CHM 116	General Chemistry II	5
	CHM 240	Organic Chemistry I	3
	CHM 241	Organic Chemistry II	3
	CHM 243	Organic Chemistry Lab	2
	PHY 150/153	General Physics I w/Lab	4
	PHY 151/154 or BIO 250A/B	General Physics II w/ Lab or Anatomy and Physiology I	4
Elective Course Requirements (6-7 credits)			
	Any transferable Arts, Humanities, Social Sciences Elective or BIO course numbered 200+ or CHM 222	See pathway/4-year degree at transfer school or Quantitative Chemistry	3-4
	Any transferable Social Sciences Elective	See pathway/4-year degree at transfer school	

Chemistry AS

Subject	Course	Title	Credits
General Education Requirements (26 credits)			
Mathematics	MAT 180	Calculus and Analytic Geometry	5
	ENG 101	English Composition I	3
Communication	ENG 102	English Composition II	3
	COM 101 or COM 110	Introduction to Communications Interpersonal Communication	3
	HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL 101 or	US History to 1877 US History Since 1877 African-American History to 1877 African-American History Since 1877 American Government	3
Natural Science	CHM 115	General Chemistry I	5
Humanities	Choose a CORE 42-approved	Arts or Humanities course. See course descriptions in catalog	3
	COL 101	College Success Seminar	1
Core Course Requirements (30-32 credits)			
	CHM 116	General Chemistry II	5
	CHM 222	Quantitative Analysis	4
	CHM 240	Organic Chemistry I	3
	CHM 241	Organic Chemistry II	3
	CHM 243	Organic Chemistry lab	2
	PHY 150 & PHY 153 or PHY 250	General Physics I and Lab or Engineering Physics I	4-5
	PHY 151 & PHY 154 or PHY 251	General Physics II and Lab or Engineering Physics II	4-5
	MAT 230 or BIO 150	Calculus 2 or General Biology: Cells to Organisms	5
Elective Course Requirements (6-8 credits)			
	BIO 151 or MAT 230 or MAT 240 or	General Biology: Organisms to Environment Calculus II or Calculus III or	3-5
	Any transferable Arts, Humanities, or Social Science Elective	See pathway/4-year degree at transfer school	
	Any transferable Arts, Humanities, or Social Science Elective	See pathway/4-year degree at transfer school	3
Total Required Hours: 62-66 credits			

Computer Science AS

Subject	Course	Title	Credits	
General Education Requirements (45-47 credits)				
	MAT 180	Calculus & Analytical Geometry I	5	
	MAT 230	Calculus & Analytical Geometry II	5	
	MAT 157, 175, 240, 242	Math Elective	3-5	
Communication	ENG 101, 102 or 115	English Elective	3	
	ENG 101, 102 or 115	English Elective	3	
	COM 101, 104, 106, 110	Communication Elective	3	
Social Science	HIS 101 or HIS 102 or HIS 103 or HIS 104 or POL 101	U.S. History to 1877 U.S. History since 1877 African American History to 1877 African American History from 1877 American Government	3	
		Any Core 42 Social & Behavioral Science Course	6	
	Natural Science	Any BIO, CHM, PHY w/Lab	Any CORE 42 Natural Science Course w/lab	4
		Any BIO, CHM, PHY	Any CORE 42 Natural Science Course	3
	Humanities	Any Core42 Humanities & Fine Arts		6
	COL 101	College Success Seminar	1	
Core Course Requirements (7 credits)				
	CPT 105	Ethics in Technology	3	
	CPT 135	Computer Science I w/Python	4	
Elective Course Requirements (9 credits)				
	CPT 103	Microcomputer Applications	3	
	CPT 121	Basics of Data Communications	3	
	CPT 125	Introduction to Project Management	3	
	CPT 181	SQL Programming	3	
	CPT 182	Computer Science II w/C++	3	
	CPT 185	C# Programming	3	
	CPT 189	Computer Science II w/Java	3	
	CPT 201	Database Design & Administration	3	
	CPT 250	Database website program w/PHP MySQL	3	
	CPT 281	Introduction to Data Structures With C++	3	
	CPT 287	Introduction to Data Structures with Java	3	
	EGR 100	Introduction to Engineering	1	
	IT 170	Security Fundamentals	3	
	MAT 157	College Statistics - General Education	4	
	MAT 240	Calculus and Analytic Geometry III	5	
	MAT 242	Introductory Linear Algebra	3	
	PHY 251	Engineering Physics II	5	
Total Required Hours: 61-63 credits				

Engineering AS

Subject	Course	Title	Credits
General Education Requirements (46 credits)			
Mathematics	MAT 180	Calculus and Analytic Geometry I	5
	MAT 230	Calculus and Analytic Geometry II	5
	MAT 240	Calculus and Analytic Geometry III	5
	MAT 250	Differential Equations	3
Communication	ENG 101 or ENG 102	English Composition I English Composition II	3
	COM 106 or COM 110	Public Speaking Interpersonal Communication	3
	HIS 101 or HIS 102 or POL 101	U.S. History to 1877 U.S. History Since 1877 American Government	3
Natural Science	CHM 115	General Chemistry I	5
	PHY 250	Engineering Physics I	5
	PHY 251	Engineering Physics II	5
Elective	ECO 110 or ECO 120	Principles of Macroeconomics Microeconomics	3
	Institutional Requirement	COL 101	College Success Seminar
Core Course Requirements (4 credits)			
	EGR 100	Introduction to Engineering	1
	EGR 104	Engineering Design	3
Electives (12 credits)			
	CHM 116	General Chemistry II	5
	CHM 222	Quantitative Analysis	4
	CHM 240	Organic Chemistry I	3
	CHM 241	Organic Chemistry I	3
	CHM 243	Organic Chemistry Lab	2
	CPT 182	Computer Science II w/ C++	2
	CPT-135	Computer Science 1 w/Python Programming Logic for Engineers & Scientists	4
	CPT-165	Scientists	1
	EGR 170	Engineering Mechanics-Statics	3
	EGR 210	Engineering Mechanics-Dynamics	3
	EGR 220	Electrical Circuits	3
	EGR 221	Electrical Circuits Lab (optional)	1
	MAT 242	Introductory Linear Algebra	3
	PHY 125	Introduction to Physical Geology	3
Total Required Hours: 62 credits			

Information Systems AS

Subject	Course	Title	Credits
General Education Requirements (39-40 credits)			
Mathematics	MAT-158	College Algebra	4
	MAT-157, 175	Math Elective	3-4
Communication	ENG 101, 102 or 115	English Elective	3
	ENG 101, 102 or 115	English Elective	3
	COM 101, 104, 106, 110	Communication Elective	3
Social Science	HIS 101 or	U.S. History to 1877	
	HIS 102 or	U.S. History since 1877	
	HIS 103 or	African American History to 1877	3
	HIS 104 or	African American History from 1877	
	POL 101	American Government	
Natural Science		Any Core 42 Social & Behavioral Science Course	6
	Any BIO, CHM, PHY w/Lab	Any CORE 42 Natural Science Course w/lab	4
	Any BIO, CHM, PHY	Any CORE 42 Natural Science Course	3
Humanities	Any Core42 Humanities & Fine Arts		6
	COL 101	College Success Seminar	1
Core Course Requirements (6 credits)			
	CPT 105	Ethics in Technology	3
	CPT 103	Microcomputer Applications	3
Elective Course Requirements (15 credits)			
	CPT 106	Operating Systems	3
	CPT 125	Introduction to Project Management	3
	CPT 135	Computer Science 1 with Python	4
	CPT 182	Computer Science II w/C++	3
	CPT 201	Database Design & Administration	3
	CPT 225	Advanced Topics in Project Management	3
	CPT 281	Introduction to Data Structures With C++	3
	ACT 110	Financial Accounting I	4
	ACT 130	Managerial Accounting	3
	BTC 170	Spreadsheet Applications - Excel	3
	BUS 101	Introduction to Business	3
	BUS 246	Legal Environment of Business	3
	ENG 125	Business Writing	3
	IT 170	Security Fundamentals	3
	IT 173	Topics in Cyber Security I	3
	IT 271	Topics in Cyber Security II	3
Total Required Hours: 60-61 credits			

Nursing AS

Subject	Course	Title	Credits
General Education Requirements (31 credits)			
Communication	ENG 101	English Composition I	3
	ENG 102 or Any LIT	English Composition II Any LIT	3
	HIS 101 or HIS 102 or HIS 115 or	US History to 1877 US History Since 1877 US History Since 1945	3
Social Science	POL 101 or POL 102	American Government State & Local Government	
	PSY 101	Intro to Psychology	3
	SOC 101	Intro to Sociology	3
	CHM 101/103 or CHM 106	Intro to Chemistry & Lab Chemistry for Allied Health	4
Natural Science	BIO 250A/250B	Anatomy & Physiology I & Lab	4
	BIO 251A/251B	Anatomy & Physiology II & Lab	4
	BIO 246	Microbiology & Lab	4
Core Course Requirements (41 credits)			
	NUR 103, 113, 123	Fundamentals of Professional Nursing (Lecture, Lab, Clinical)	9
	NUR 104, 114, 124	Professional Nursing Across the Lifespan I (Lecture, Lab, Clinical)	11
	NUR 253, 263, 273	Professional Nursing Across the Lifespan II (Lecture, Lab, Clinical)	10
	NUR 254, 264, 274	Professional Nursing Across the Lifespan III (Lecture, Lab, Clinical)	11
Total Required Hours: 72 credits			

Nursing AS-LPN Bridge

Subject	Course	Title	Credits
General Education Requirements (31 credits)			
Communication	ENG 101	English Composition I	3
	ENG 102 or Any LIT	English Composition II Any LIT	3
	HIS 101 or HIS 102 or HIS 115 or	US History to 1877 US History Since 1877 US History Since 1945	3
Social Science	POL 101 or POL 102	American Government State & Local Government	
	PSY 101	Intro to Psychology	3
	SOC 101	Intro to Sociology	3
	CHM 101/103 or CHM 106	Intro to Chemistry & Lab Chemistry for Allied Health	4
Natural Science	BIO 250A/250B	Anatomy & Physiology I & Lab	4
	BIO 251A/251B	Anatomy & Physiology II & Lab	4
	BIO 246	Microbiology & Lab	4
Core Course Requirements (41 credits)			
	NUR 102, 112, 122	Transition to Professional Nursing (Lecture, Lab, Clinical)	5
	NUR 106, 116, 126	Advanced Professional Nursing Across Lifespan I (Lecture/lab/clinical)	5
	NUR 255, 265, 275	Advanced Professional Nursing Across Lifespan II (Lecture/lab/clinical)	5
	NUR 256, 266, 276	Advanced Professional Nursing Across Lifespan III (Lecture/lab/clinical)	5
		LPN Credit for Prior Learning	25
Total Required Hours: 76 credits			

Applied Linguistics CA

Subject	Course	Title	Credits
General Education Requirements (18 credits)			
Communication	ENG 101	English Composition I	3
	ESL 105*/COM 101	Introduction to Communication	3
Humanities	ARB-101, SPN-101, FRN-101, GRM-101, ESL 107*	Arabic, Spanish, French, or German Language & Culture I, Intensive Grammar Review 107	4
	ARB-102, SPN-102, FRN-102, GRM-102, ESL 108 w/ ESL 115D Lab*	Arabic, Spanish, French, or German 102 Language and Culture II, ESL Intermediate Composition 108 with lab	4
	ARB-201, SPN-201, FRN-201, GRM-201, ECI 109, ESL 109 w/ ESL 115E*	Arabic, Spanish, French, or German 201 Language and Culture III, ECI/ESL Research Writing with lab	4
Core Course Requirements (9-11 credits)			
	SPN 190, FRN 190, GRM 190, ESL 199 (NNS)/GLC 190*	Special Topics in Spanish, French, German Culture II, U.S. Community and Culture, Comparative Culture Study	1
	SPN/GRM/FRN 290/ECI 299	Topics in Intermediate Spanish, German, French; ECI Special Topics in Academic English	2-3
	ARB 202, SPN 202, GRM 202, FRN 202, FRN 215, SPN 215, GRM 215, or ESL 106*	Arabic, Spanish, German, French 202; Reading in German, Spanish, French; ESL Advanced Reading	3-4
	ECI 290 Practicum	Academic English Immersion Experience (Choose topic: Translation/Interpretation, Linguistics, TEFL/TESL)	3
Electives - Choose 1 Course From Below (3 credits)			
	ESL 120*	Success in Health Care (Esp. for Translation, healthcare emphasis)	3
	ENG 280	Linguistics, the Science of Words (Esp. for Linguistics/General Translation Emphasis emphasis)	3
	GLS 151	Introduction to Global Studies	3
	EDU 247	Multicultural Education (Esp. for TEFL/TESL or education translation emphasis)	3
	ENG 115	Technical Writing (Esp. for technical translation emphasis)	3
	ENG 125	Business English (Esp. for business English emphasis)	3
	COM 215/GLC 215	Intercultural Communication	3
	ANT-101	General Anthropology	3
	CRJ 140	Introduction to the Criminal Justice System (esp. for translation, criminal justice emphasis)	3
	Note: Any REGIONAL or SPECIALTY World Language & Culture, ECI, or ESL specialty course or other designated by the chair may be substituted for a course in this category		3
Total Required Hours: 30-32 credits			

Baking & Pastry CA

Subject	Course	Title	Credits
Core Course Requirements (30 credits)			
	CUL 110 A	Intro to Baking for Career Path Lec	1
	CUL 110 B	Intro to Baking for Career Path Lab	4
		Sanitation and Safety for Food	
	CUL 101	Service	1
		Sustainable Food Systems for	
	CUL 107	Culinarians	3
	CUL 111	Breads	3
	CUL 112	Pastries	3
	CUL 113	Chocolates & Sugar	3
	CUL 114	Cake Baking and Decorating	3
	CUL 116	Plated Desserts & Presentation	3
	CUL 130	Hospitality Business and Service	3
	CUL 140	Principles of Nutrition	3

Total Required Hours: 30 credits

Business Administration CA

Subject	Course	Title	Credits	Online	
General Education Requirements (13)					
Mathematics	MAT 098	Beginning Algebra or higher	4	4	
Communication	ENG 101 or ENG 102 or ENG 115 or ENG 125 or COM 101	English Composition I English Composition II Technical Writing Business Writing Introduction to Communication	3	3	
	Social Science	ECO 100 or ECO 110*	3	3	
	Elective	CPT/BTC 103 or CPT 115	Microcomputer Applications Introduction to Data Processing	3	3
		Core Course Requirements (6-7 credits)			
	ACT 101 or ACT 110** BUS 101	Applied Accounting Financial Accounting I Introduction to Business	3-4 3	4 3	
	Electives (12 credits)				
	Management Option	BUS 201 BUS 206 BUS 210	Principles of Management Human Resource Management Organizational Behavior	3 3 3	3 0 0
Marketing Option		BUS 230 BUS 232 BUS 236	Principles of Marketing Advertising/Sales Promotion Consumer Behavior	3 3 3	3 0 0
		Accounting Option	ACT 115 ACT 130 ACT 240	Computerized Accounting Managerial Accounting Individual Income Tax Accounting	3 3 3
	Finance Option		BUS 220 ECO 120 ECO 220	Business Finance Principles of Microeconomics Money and Banking	3 3 3
General Business Option			Choose 3: Any ACT, BUS, ECO, MAT 175, GEO 120, or BTC 170	9	9
Choose 1 elective:	Any ACT, BUS, ECO, MAT 175, GEO 120 or BTC 170		3	3	
Total Required Hours: 31-32 credits					

Computer Applications CA

Subject	Course	Title	Credits
Core Course Requirements (30 credits)			
	BTC/CPT 130	Microcomputer Applications	3
	BTC 105	Proofreading and Editing Business Documents	2
	BTC 130	Customer Service	1
	BTC 136	Business Communication with Stakeholders	3
	BTC 145	Business Technology Tools	3
	BTC 160	Word Processing - Word	2
	BTC 165	Presentations - Powerpoint	2
	BTC 170	Spreadsheet Applications - Excel	3
	BTC 175	Database Applications - Access	2
	BTC 190	Planning and Design Concepts (Microsoft Publisher)	3
	BTC 245	Administrative Procedures	3
	BTC 250	Business Simulations	3
Total Required Hours: 30 credits			

Computer-Aided Drafting (CAD) CA

Subject	Course	Title	Credits
General Education Requirements (3 credits)			
Elective	CPT/BTC 103 or	Microcomputer Applications	3
	BTC-170	Spreadsheet Applications - Excel	
Core Course Requirements (13 credits)			
	CAD-102	Introduction to SolidWorks	3
	CAD-104	Introduction to AutoCAD	3
	CAD-106	Introduction to Autodesk Inventor	3
	CAD-107	Introduction to Revit	3
	CAD-299	CAD Capstone	1
Electives (15 credits)			
	CAD-103	Introduction to Autodesk Civil 3D	3
	CAD-144	Introduction to AutoCAD Architecture	3
	CAD-164	Introduction to AutoCAD Electrical	3
	CAD-202	Advanced SolidWorks – CSWA Exam Prep	3
	CAD-237	Structural Drafting with Revit	3
	CAD-244	Architectural Drafting with AutoCAD	3
	CAD-247	Architectural Drafting with Revit	3
	CAD-254	HVAC Drafting with AutoCAD	3
	CAD-257	Mechanical, Electrical, and Plumbing Drafting with Revit	3
	CAD-274	Geometric Dimensioning and Tolerancing with AutoCAD	3
	CAD-290	CAD Externship	3
	CPM-210	Digital Photo Editing	3
	CPM-220	3D Animation	3
	EGR-104	Engineering Design	3
	GEO-120	Introduction to GIS	3
	GEO-225	Advanced GIS	3
	MFG-101	Principles of Safety	3
	MFG-111	Principles of Quality Practices	3
	MFG-130	Basic Blueprint Reading	3
	MFG-201	Principles of Manufacturing Processes and Production	3
Total Required Hours: 31 credits			

Culinary CA

Subject	Course	Title	Credits
Core Course Requirements (30 credits)			
	CUL 100A	Culinary Fund. for Career Path Lec.	1
	CUL 100B	Culinary Fund. for Career Path Lab	4
		Sanitation and Safety for Food	
	CUL 101	Service	1
	CUL 106	Egg Cookery & Cold Foods	3
		Sustainable Food Systems for	
	CUL 107	Culinarians	3
	CUL 130	Hospitality Busines and Service	3
	CUL 131	Menu Design & Management	3
	CUL 132	Bar and Beverage Management	3
	CUL 140	Principles of Nutrition	3
	CUL 150	World Cuisine	3
	CUL 190	Advanced Culinary Techniques	3

Total Required Hours: 30

Customer Service CA

Subject	Course	Title	Credits
Core Course Requirements (25 credits)			
	BTC/CPT 103	Microcomputer Applications	3
	BTC 105	Proofreading and Editing Business Documents	2
	BTC 130	Customer Service Excellence	1
	BTC 131	Telephone Communication Skills	1
	BTC 132	Time Management	1
	BTC 135	Your Professional Image	1
	BTC 136	Electronic Communication with Stakeholders	3
	BTC 137	Interpersonal Skills	1
	BTC 160	Word Processing - Word	2
	BTC 165	Presentations - Powerpoint	2
	BTC 170	Spreadsheet Applications - Excel	3
	BTC 175	Database Applications - Access	2
	BTC 245	Administrative Procedures	3
Elective Course Requirements (6 credits)			
	COM 101	Introduction to Communication	3
	BUS 101	Introduction to Business	3

Total Required Hours: 31 credits

Data Management CA

Subject	Course	Title	Credits
General Education Requirements (6 credits)			
Mathematics	MAT 105 (or higher)	Applied Mathematics	3
Communication	ENG 101, 102, 115	English Elective	3
Core Course Requirements (19 credits)			
	CPT 103	Microcomputer Applications	3
	CPT-135	Computer Science 1 w/ Python	4
	CPT 140	Data Visualization w/Tableau	3
	CPT-181	SQL Programming	3
	CPT-200	System Analysis and Design-Capstone Project	3
	CPT-201	Database Design & Administration	3
Elective Course Requirements (6 credits)			
	BTC 145	Business Technology Tools	3
	BTC 170	Spreadsheet Applications - Excel	3
	BTC 175	Database Applications - Access	2
	CPT 105	Ethics in Technology	3
	CPT 106	Operating Systems	3
	CPT 121	Basics of Data Communications	3
	CPT 125	Introduction to Project Management	3
	CPT 198	Computer Science Internship	1-3
	CPT 210	Analytical Tools and Methods	3
	CPT 225	Advanced Topics in Project Management	3
	CPT 235	Understanding Data w/Apache Spark	3
	CPT 250	Database Website Program w/PHP & MySQL	3
	CPT 260	Oracle Programming	3
	HIM 230	Healthcare Data Analysis	3
	IT 140	Programming for System Administrators	3
	IT 170	Security Fundamentals	3
	IT 171	Ethical Hacking	3
	IT 172	Digital Forensics	3
	LGM 215	Introduction to Data Analytics	3
Total Required Hours: 31 credits			

Desktop Publishing CA

Subject	Course	Title	Credits
Core Course Requirements (27 credits)			
	BTC/CPT 103	Microcomputer Applications	3
	BTC 105	Proofreading & Editing Business Documents	2
	BTC 130	Customer Service	1
	BTC 136	Electronic Communication with Stakeholders	3
	BTC 160	Word Processing - Word	2
	BTC 165	Presentations - Powerpoint	2
	BTC 170	Spreadsheet Applications - Excel	3
	BTC 175	Database Applications - Access	2
	BTC 190	Publishing and Design Projects (Publisher)	3
	CPM 170	Computer Graphics	3
	CPM 210	Digital Photo Editing	3
Elective Course Requirements (3 credits)			
	CPT 125	Project Management	3
Total Required Hours: 30 credits			

Entrepreneurship CA

Subject	Course	Title	Credits
Core Education Requirements (31 credits)			
	ACT 110	Financial Accounting	4
	ACT 115	Computerized Accounting	3
	BUS 101	Intro to Business	3
	BUS 201	Principles of Management	3
	BUS 208	Entrepreneurship	3
	BUS 230	Principles of Marketing	3
	BUS 232	Advertising and Sales Promotion	3
	BUS 238	Personal Selling	3
	BUS 246	Legal Environment of Business	3
	BUS 270 or	E-Marketing	3
	BUS 272	Social Media Marketing	3
Total Required Hours: 31 credits			

Entry Level Welding CA

Subject	Course	Title	Credits
General Education Course Requirements (3 credits)			
Mathematics	MAT-105	Applied Math	3
Core Course Requirements (28 credits)			
	WLD 101	Introduction to Welding	3
	WLD 111	Thermal Cutting	2
	WLD 121	Shielded Metal Arc Welding I	4
	MFG-101	Principles of Safety	3
	WLD 131	Gas Metal Arc Welding I	3
	WLD 141	Flux Cored Arc Welding I	3
	WLD 151	Gas Tungsten Arc Welding I	4
	MFG 130	Basic Blue Print Reading	3
	MFG 132	Precision Tools & Measurement	3
Total Required Hours: 31 credits			

Global Studies CA

Subject	Course	Title	Credits	
General Education Requirements (9-12 credits)				
Mathematics	MAT 098 or higher	Beginning Algebra or higher	3-6	
Communication	ENG 101 or ENG 102 or COM 101 (ESL 105) or COM 106	English Composition I English Composition II Introduction to Communications Public Speaking	3	
	HIS 101	US History to 1877	3	
	HIS 102	US History since 1877		
HIS 103	African-American History to 1877			
HIS 104	African-American History since 1877			
POL 101	American Government			
Core Course Requirements (7-8 credits)				
	GLS 101	Introduction to Global Studies	3	
	GLC 190 (or ESL 199)	Comparative Cultures (or US Culture and Community for NNS)	1	
	Foreign Language Course Numbered 201 or higher or ESL 109 or ECI 109		3-4	
Electives (15 credits)				
Choose at least two courses (6 credit hours) from the following with different prefixes*:	ART 1001	Art Appreciation	6	
	ART 1500	Survey of Western Art History I		
	ART 1505	Survey of Western Art History II		
	Additional Foreign Language or ESL course numbered 190 or above			
	ENG 280	Linguistics		
		Advanced Conversation and Speaking Skills for Non-Native Speakers		
	ESL 105			
	HIS 145	Western Civilization: Ancient and Medieval Heritage		
	HIS 146	Western Civilizations: Modern European Heritage		
	LIT 200	World Mythology		
	LIT 230	Contemporary Fiction		
	LIT 271	Literature and Contemporary Cultures		
	LIT 273	World Literature - Enlightenment to 20th Century		
	LIT 275	Holocaust Literature		
	LIT 280	Gender Issues in Literature		
	MUS 111	Music Appreciation		
	MUS 162	English/Italian Diction		
	MUS 163	German/French Diction		
	MUS 231	Music History I		
	MUS 232	Music History II		
	PHL 201	World Religion		
	THE 122	Introduction to Theater		
	THE 123	Introduction to Cinema		
	THE 124	History of Film		
	GLC Courses (other than 190)			
	Choose at least two courses (6 credit hours) from the following with different prefixes*:	ANT 101		General Anthropology
		ANT 102		Introduction to Cultural Anthropology
ANT 151		World Archaeology		
ANT 171		Introduction to Egyptology		
ANT 224		People and Cultures of Africa		
BIO 108		Trends in Science		
BIO 122		Environmental Science		
BUS 255		International Business		
COM/GLC 215		Intercultural Communication		
DC 299		Diversity Portfolio		
ECO 110		Principles of Macroeconomics		
ECO 120		Principles of Microeconomics		
EDU 212		Foundations of Education in a Diverse Society		
EDU 247		Multicultural Education		
GEO 100		Principles of Geography		
GEO 101		Geography: The Eastern World		
GEO 102		Geography: The Western World		
GLS 290		Special Topics in Global Studies		
HIS 103		African-American History to 1877		
HIS 104		African-American History since 1877		

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HIS 204	Non-Western Civilization to 1500
HIS 205	Non-Western Civilization since 1500
HIS 210	Latin American History
POL 201	International Relations
POL 210	Comparative Politics
SOC 101	Introduction to Sociology (honors or non-honors)
SOC 202	Sociology of Racial and Ethnic Groups

Choose at least one course (3 credit hours) from either category above.

Total Required Hours: 31-35 credits

3

* At least two course prefixes must be represented in each group

Information Technology CA

Subject	Course	Title	Credits
General Education Requirements (13 credits)			
Mathematics	MAT 098 or higher	Beginning Algebra	4
	ENG 101 or	English Composition I	
	ENG 102 or	English Composition II	
Communication	ENG 115 or	Technical Writing	3
	ENG 125 or	Business Writing	
	COM 101 or	Introduction to Communications	
	COM 106 or	Public Speaking	
Social Science	COM 110	Interpersonal Communication	3
	HIS 101 or	US History to 1877	
	HIS 102 or	US History Since 1877	
	HIS 115 or	US History Since 1945	
	HIS 270 or	History of Missouri	
Elective	POL 101 or	American Government	3
	POL 102	State & Local Government	
	BTC/CPT 103	Microcomputer Applications	3
Core Course Requirements (22 credits)			
	IT 100	IT Technical Support	3
	IT 110	Microsoft Technologies I	3
	IT 130	Introduction to Linux	3
	IT 151	CCNA1 (Introduction to Networks)	4
	IT 299	Topics in Information Technology	3
	IT 140	Programming for System Administrators	3
	IT 170	Security Fundamentals	3
Total Required Hours: 35 credits			

Law Enforcement CA

Subject	Course	Title	Credits
General Education Requirements (12-13 credits)			
Mathematics	MAT 098 or higher	Beginning Algebra	3-4
Communication	ENG 101 or ENG 102 or ENG 125 or	English Composition I English Composition II Business Writing	3
	COM 101	Introduction to Communication	
	HIS 101 or HIS 102 or	US History to 1877 US History Since 1877	
	HIS 115 or HIS 270 or	US History Since 1945 History of Missouri	
Social Science	POL 101 or POL 102	American Government State & Local Government	3
	BTC/CPT 103	Microcomputer Applications	
	Core Course Requirements - Choose 3 Courses From Below (9 credits)		
	CRJ 140	Introduction to Criminal Justice	3
	CRJ 170	Criminal Law	3
	CRJ 171	Criminal Evidence	3
	CRJ 175	Criminology	3
	CRJ 201	Criminal Justice: Politics & Policy	3
	CRJ 206	Introduction to Juvenile Justice Service System	3
Law Enforcement Electives - Choose 3 Courses From Below (9 credits)			
	CRJ 103	Addictive Disease Concepts	3
	CRJ 104	Treatment: Alcohol & Drugs	3
	CRJ 110	Investigations	3
	CRJ 202	Correctional Institutions	3
	CRJ 224	Constitutional Law	3
	CRJ 230	Crisis Intervention	3
	CRJ 240	Probation and Parole	3
	CRJ 260	Police Community Relations	3
Other Required Courses (2-7 credits)			
	CRJ 265	Internship I	1-6
	CRJ 298	Capstone	1
Total Required Hours: 32-38 credits			

Manufacturing Technology CA

Subject	Course	Title	Credits
General Education Requirements (3 credits)			
Mathematics	MAT 105 or higher	Applied Math	3
Core Course Requirements (28 credits)			
	MFG 101	Principles of Safety	3
	MFG 111	Principles of Quality Practices	3
	MFG 201	Principles of Mfg. Processes & Production	3
	MFG 105 or	Employment Strategies	1
	LGM 100	Survey of Industrial Career	3
	MFG 141	Principles of Green Production	3
	MFG 215	Problem-Solving Tactics in Manufacturing	3
	MFG 220	Principles of Maintenance Awareness	3
	MFG 225 or	Supervisory Skills	3
	BUS 206	Human Resources Management	3
	MFG 130	Basic Blue Print Reading	3
	MFG 132	Precision Tools & Measurement	3
Total Required Hours: 31 credits			

Medical Assisting CA

Subject	Course	Title	Credits	Online
General Education Requirements (3 credits)				
Mathematics	MAT 096 or placement into MAT 098	Pre-Algebra	4	
Core Course Requirements (31 credits)				
	HIM 110	Medical Terminology	3	
	HIM 140	Anatomy & Physiology for Allied Health	5	
	HIM 141	Pathophysiology	3	
	MDA 115	Pharmacology & Admin. of Meds #	2	
	MDA 116	Pharmacology & Admin. of Meds Clinical #	1	
	MDA 120	Administrative Procedures #	3	
	MDA 121	Medical Specialities #	2	
	MDA 122	Medical Specialities Lab #	1	
	MDA 140	Procedures in a Clinical Setting #	2	
	MDA 141	Procedures in a Clinical Setting Clinical #	1	
	HIM 238	Healthcare Legal & Ethical Issues	3	
	MDA 150	Professional Capstone #	1	
	MDA 151	Clinical Externship #	4	
Total Required Hours: 35 credits				

Program Requirement: Students must obtain Basic Life Support (BLS) Certification prior to any MDA coursework.

Medical Billing & Coding CA

Subject	Course	Title	Credits
General Education Requirements (3 credits)			
Communication	ENG 101	English Composition I*	3
Core Course Requirements (30 credits)			
	HIM 110	Medical Terminology	3
	HIM 120/121	Health Care Data/Lab	3
	HIM 125/126	Health Care Technologies/Lab	3
	HIM 140	Anatomy & Physiology for Allied Health	3
	HIM 141	Pathophysiology	3
	HIM 238	Health Care Legal & Ethical Issues	3
	HIM 220/221	ICD Coding/Lab	3
	HIM 270/271	CPT Coding/Lab	3
	HIM 280	Health Care Billing & Reimbursement Issues	2
	HIM 251	Billing/Coding Clinical **	2
	HIM 252	CCA Review **	2

Total Required Hours: 33 credits

* Students are encouraged to take ENG 101 prior to beginning Medical Billing and Coding Coursework. Students may complete ENG 101 during the first semester of coursework but must earn a "C" or better to move on in the program.

** All certificate courses except HIM 251 & HIM 252 are transferable to the HIM AS Degree program. HIM 251 & HIM 252 are specific to the Coding and Billing Certificate of Achievement. Certificate students are eligible to sit for the industry recognized AHIMA Certified Coding Associate (CCA) Credential.

Multimedia CA

Subject	Course	Title	Credits
General Education Requirements (13 credits)			
Mathematics	MAT 098	Beginning Algebra	4
Communication	ENG 101	English Composition I	3
	HIS 101 or HIS 102 or HIS 115 or HIS 270 or	U.S. History to 1877 U.S. History Since 1877 U.S. History Since 1945 History of Missouri	3
Social Science	POL 101 or POL 102	American Government State and Local Government	
	Elective	CPT 115	Introduction to Data Processing
Core Course Requirements (6 credits)			
	CPT 106	PC Operating Systems	3
	CPM 120	Intro to Multimedia (Adobe Creative Cloud)	3
Additional Core Requirements - Choose 4 Courses From Below (12 credits)			
	CPM 170	Computer Graphics	3
	CPM 190	Backend Web Development (JavaScript/XML/PHP/MySQL)	3
	CPM 210	Digital Photo Editing	3
	CPM 220	3D Modeling and Animation (Sketchup)	3
	CPM 250	Motion Graphics (Adobe After Effects)	3
	CPM 260	WordPress	3
	CPM 270	Digital Video Editing	3
Total Required Hours: 31 credits			

Personal Trainer: Advanced CA

Subject	Course	Title	Credits
Core Course Requirements (30-31)			
	EXS 100	Introduction to Exercise Science	3
	EXS 110	Introduction to Exercise Physiology	3
	EXS 200	Muscular Fitness Assessment/Program Design	2
	EXS 205	Flexibility and Balance Assessment/Program Design	2
	EXS 210	Cardiorespiratory Fitness Assessment/Program Design	2
	EXS 215	Weight Management and Motivation Assessment/Program Design	2
	EXS 220	Resistance Training and Recovery Techniques	3
	EXS 225	Cardiorespiratory and Flexibility Training	3
	PHE 112	Weight Training I	1
	PHE 211 or PHE 210	CPR/AED or First Aid & Safety	1-2
	PHE 215 or PHE 243	Personal Wellness or Nutrition for Special Populations	2
	PHE 230	Healthful Living	3
	PHE 241 or PHE 242	Principles of Human Nutrition or Introduction to Nutrition	3
Total Credit Hours 30-31			

Practical Nursing CA

Subject	Course	Title	Credits
General Education Requirements (13 credits)			
Communication	ENG 101	English Composition I	3
	PSY 101	Intro to Psychology	3
Social Science	SOC 151 or	Gerontology	3
	SOC 251 or	Aspect of Aging	
	PSY 225	Psychology of Aging	
Natural Science	BIO 200A/B	Essentials of Anatomy & Physiology for SCC Practical Nursing Students	4
Core Course Requirements (33 credits)			
	NPN 100	Personal & Vocational Concepts	1
	NPN 101/111	Fundamentals of Practical Nursing Theory/Lab	5
	NPN 102/112/122	Practical Nursing Across the Lifespan I Theory/Lab/Clinical	9
	NPN 151/161/171	Practical Nursing Across the Lifespan II Theory/Lab/Clinical	9
	NPN 152/162/172	Practical Nursing Across the Lifespan III Theory/Lab/Clinical	9
Total Required Hours: 46 credits			

Programming CA

Subject	Course	Title	Credits
General Education Requirements (6 credits)			
Mathematics	MAT 105 (or higher)	Applied Mathematics	3
Communication	ENG 101, 102, 115	English Elective	3
Core Course Requirements (19 credits)			
	CPT 103	Microcomputer Applications	3
	CPT 135	Computer Science 1 w/ Python	4
	CPT 181	SQL Programming	3
	CPT 182, 189	Programming Elective	3
	CPT 200	System Analysis and Design-Capstone Project	3
	CPT 281, 287	Data Structures Elective	3
Elective Course Requirements (6 credits)			
	CPM 160	Frontend Web Development (HTML/CSS/JavaScript)	3
	CPM 190	Backend Web Development (JavaScript/XML/PHP/MySQL)	3
	CPM 240	Web Development Process	3
	CPT 188	Javascript	3
	CPT-104	Update to Animation & Gaming w/Unity	3
	CPT 105	Ethics in Technology	3
	CPT 106	Operating Systems	3
	CPT 121	Basics of Data Communications	3
	CPT-160	Mobile Apps Development	3
	CPT-182	Computer Science II w/C++	3
	CPT-185	C+ Programming	3
	CPT-189	Computer Science II w/Java	3
	CPT 198	Computer Science Internship	1-3
	CPT-250	Database website program w/PHP & MySQL	3
	CPT-260	Oracle Programming	3
	CPT 281	Introduction to Data Structures with C++	3
	CPT-287	Introduction to Data Structures with Java	3
	IT 140	Programming for System Administrators	3
	IT 170	Security Fundamentals	3
	IT 171	Ethical Hacking	3
Total Required Hours: 31 credits			

Retail Banking CA

Subject	Course	Title	Credits
Core Course Requirements (31 credits)			
	BTC/CPT 103	Microcomputer Applications	3
	BUS 101	Introduction to Business	3
	ECO 220	Money & Banking	3
	ACT 101	Applied Accounting	3
	ACT 105	Personal Accounting and Finance	3
	ACT 110	Financial Accounting I	3
	BTC 170	Spreadsheet Applications-Excel	3
	BUS 105 or	Business Ethics or	
	BUS 246	Legal Environment of Business	3
	BUS 220	Principles of Finance	3
	BTC 130	Customer Service Excellence	1
	BTC 136	Electronic Communication w/Stakeholder	3
Total Required Hours: 31 credits			

Web Design CA

Subject	Course	Title	Credits		
General Education Requirements (13 credits)					
Mathematics	MAT 098	Beginning Algebra	4		
Communication	ENG 101	English Composition I	3		
Social Science	HIS 101 or HIS 102 or HIS 115 or HIS 270 or	US History to 1877 US History Since 1877 US History Since 1945 History of Missouri	3		
	POL 101 or POL 102	American Government State & Local Government			
	Elective	CPT 103		Microcomputer Applications	3
	Core Course Requirements (9 credits)				
		CPT 106		PC Operating Systems	3
	CPM 120	Intro to Multimedia (Adobe Creative Cloud)	3		
	CPM 160	Frontend Web Development (HTML/CSS/JavaScript)	3		
Additional Core Requirements (Minimum of 9 credits)					
	CPM 190	Backend Web Development (JavaScript/XML/PHP/MySQL)	3		
	CPM 230	Social Media Marketing for the Web	3		
	CPM 240	Web Design	3		
	CPM 250	Motion Graphics (Adobe After Effects)	3		
	CPM 260	WordPress	3		
	CPM 280	JavaScript	3		
	CPT 160	Mobile Apps Development	3		
	CPM 295	Web Project/Portfolio (Capstone)	3		
Total Required Hours: 31 credits					

Accounting CS

Subject	Course	Title	Credits
Core Course Requirements (10 credits)			
	ACT 101	Applied Accounting**	3
	ACT 110	Financial Accounting	4
	ACT 115	Computerized Accounting	3
Electives - Choose 2 Courses from Disciplines Below: (6 credits)			
	Any ACT		3
	Any BUS		3
	Any ECO		3
Total Required Hours: 16 credits			
Available Online: 94%			

** If the student has an accounting background or experience, ACT 101 can be waived and the student would substitute an additional ACT, BUS or ECO elective class.

Advanced Welding CS

Subject	Course	Title	Credits
Core Course Requirements (16 credits)			
	WLD 221	Shielded Metal Arc Welding II	4
	WLD 231	Gas Metal Arc Welding II	4
	WLD 241	Flux Cored arc Welding II	4
	WLD 251	Gas Tungsten Arc Welding II	4
Total Required Hours: 16 credits			

Architectural Drafting CS

Subject	Course	Title	Credits
Core Course Requirements (13 credits)			
	CAD 104	Introduction to AutoCAD	3
	CAD 107	Introduction to Revit	3
	CAD 144	Introduction to AutoCAD Architecture	3
	CAD 244 or	Architectural Drafting with AutoCAD	3
	CAD 247	Architectural Drafting with Revit	3
	CAD 299	CAD Capstone	1
Electives (3 credits)			
	CAD 237	Structural Drafting with Revit	3
	CAD 244	Architectural Drafting with AutoCAD	3
	CAD 247	Architectural Drafting with Revit	3
	CAD 254	HVAC Drafting with AutoCAD	3
		Mechanical, electrical, and plumbing drafting	
	CAD 257	with Revit	3
	CPM 220	3D Animation	3
Total Required Hours: 16 credits			

Banking/Finance CS

Subject	Course	Title	Credits	Online
Core Course Requirements (6 credits)				
	BUS 101	Introduction to Business	3	3
	BUS 220	Principles of Finance	3	3
Electives (9)				
	Any ACT		3	3
	Any BUS		3	3
	Any ECO		3	3
Total Required Hours: 15 credits				
Available Online: 100%				

Basic Welding CS

Subject	Course	Title	Credits
Core Course Requirements (15 credits)			
	WLD 101	Introduction to Welding	3
	WLD 111	Thermal Cutting	2
	WLD 121	Shielded Metal Arc Welding I	4
	MFG 101	Principles of Safety	3
	MFG 130	Basic Blueprint Reading	3
Total Required Hours: 15 credits			

Business of Art & Design CS

	Course	Title	Credits	
Core Course Requirements				
(9 credits)				
Option 1: Studio Art	ART 2999	Sophomore Studio Art Seminar	3	
	BUS 101	Introduction to Business	3	
	Any Upper Level Art Studio Course		3	
Choose 1 Option:	ART 2199	Portfolio Design & Professional Practices	3	
	Option 2: Graphic Design	BUS 101	Introduction to Business	3
	ART 1105 or	Digital Art Studio	3	
Any Upper Level Graphic Design Studio Course				
Elective Course Requirements				
(6 credits)				
Choose 2 Courses:	Any Upper Level Art Studio Course (For Art Studio Option Only) or		6	
	Any Upper Level Graphic Design Studio Course (For Graphic Design Option Only) or			
	ACT 101 or	Applied Accounting		
	ACT 110 or	Financial Accounting		
	BUS 105 or	Business Ethics		
	Entrepreneurship/Small Business			
	BUS 208 or	Management		
BUS 270 or	E-Marketing			
	BUS 272	Social Media Marketing		
Total Required Hours: 15 credits				

Computer Aided Drafting (CAD) CS

Subject	Course	Title	Credits
Core Course Requirements (13 credits)			
	CAD 102	Introduction to SolidWorks	3
	CAD 104	Introduction to AutoCAD	3
	CAD 106	Introduction to Autodesk Inventor	3
	CAD 107	Introduction to Revit	3
	CAD 299	CAD Capstone	1
Elective Course Requirements (3 credits)			
	CAD 103	Introduction to Autodesk Civil 3D	3
	CAD-144	Introduction to AutoCAD Architecture	3
	CAD-164	Introduction to AutoCAD Electrical	3
	CAD-290	CAD Externship	3
	CPM-220	3D Animation	3
Total Required Hours: 16 credits			

Computer Security CS

Subject	Course	Title	Credits
Core Course Requirements (22 credits)			
	CPT 105	Ethics in Technology	3
	CPT 115	Introduction to Data Processing	3
	CPT 121	Basics of Data Communications	3
	CPT 165	Programming Logic for Engineers & Scientists	3
	CPT 200	Systems Analysis and Design-Capstone Project	3
	CPT 246	Computer Security	3
	IT 151	CCNA1	4
Total Required Hours: 22 credits			

Creative Writing CS

Subject	Course	Title	Credits
Core Course Requirements (16 credits)			
Creative Writing Foundation	ENG 201	Introduction to Creative Writing	3
Area One: Publication Practices	ENG 202 or	Creative Writing II	3
	ENG 203	Self-Publishing Workshop	
	ENG 200 or	Book Writing Workshop	
	ENG 206 or	Fiction Writing	
	ENG 207 or	Poetry Writing	
Area Two: Writing Workshops (Choose 2 courses)	ENG 208 or	Writing for Stage and Screen	6
	ENG 209 or	Writing Creative Nonfiction	
	ENG 210 or	Writing Science Fiction, Fantasy and Surrealism	
	ENG 250 or	Advanced Creative Writing Workshop	
	ENG 299	Topics in Creative Writing	
Area Three: Publication Practices	Any LIT	Any Literature Course	3
Creative Writing Capstone	ENG 298	Creative Writing Portfolio	1
Total Required Hours: 16 credits			

Cyber Security CS

Subject	Course	Title	Credits
Core Course Requirements (29 credits)			
	IT 173	Topics in Cyber Security I	3
	IT 172	Digital Forensics	3
	IT 171	Ethical Hacking	3
	IT 270	Network Security	4
	IT 271	Penetration Testing	3
	IT 275	CCISP	3
	IT 130	Intro to Linux	3
	IT 151	CCNA1 (Introduction to Networks)	4
	IT 140	Programming for System Administrators	3
Total Required Hours: 29 credits			

Data Analytics CS

Subject	Course	Title	Credits
Core Course Requirements (16 credits)			
	CPT-135	Programming in Python	4
	CPT-181	SQL Programming	3
	CPT-140	Data Visualization w/Tableau	3
	CPT-235	Understanding Data w/Apahe Spark	3
	CPT-210	Analytical Tools & Methods	3
Total Required Hours: 16 credits			

Design Media CS

Subject	Course	Title	Credits
Core Course Requirements (27 credits)			
	ART 1200	2-D Design	3
	ART 1105	Digital Art Studio	3
	ART 2810	Digital Photo I	3
	ART 2110	Page Layout	3
	ART 2120	Typography	3
	ART 2130	Digital Imaging	3
	ART 2140	Web Design	3
	ART 2160	Motion Graphics	3
	ART 2170	Video Production	3
Total Required Hours: 27 credits			

Desktop Support CS

Subject	Course	Title	Credits
Core Course Requirements (28 credits)			
	IT 100	IT Technical Support	3
	IT 110	Microsoft Technologies I	3
	IT 210	Microsoft Technologies II	3
	IT 130	Intro to Linux	3
	IT 170	Security Fundamentals	3
	IT 140	Programming for System Administrators	3
	IT 160	Virtualization Technologies	3
	IT 151	CCNA1 (Introduction to Networks)	4
	IT 299	Topics in Information Technology	3
Total Required Hours: 28 credits			

Diversity CS

Subject	Course	Title	Credits
General Education Requirements (0 credits)			
Core Course Requirements (12 credits)			
	Complete SCC Study Abroad Program or Any GLC, GLS, ANT 101, 102, 103, 105, 151, 171, 181, 290, ART 1001, 1500, 1505, 2210, BUS 105, 255, COM 215, CPT 105, CRJ 280, EDU 247, ESL 107, 108, GEO 100, 101, 102, 110, HIS 103, 104, 145, 146, 160, 204, 205, 210, 240, HMS 151, 205, LIT 200, 207, 215, 222, 223, 230, 240, 241, 242, 265, 267, 271, 272, 274, 275, 280, MUS 111, 112, 234, PHE 270, PHL 201, POL 201, 210, 220, 255, PSY 225, 235, 290, SPE 215, SOC 101, 151, 201, 202, 215 224, 241, 242 or THE 122*		12
Secondary Core Course Requirements (1 credit)			
	Study Tour or Portfolio Project Designed by the Diversity Certificate DC 299 Coordinator		1
Total Required Hours: 13 credits			

Economics for Managers CS

Subject	Course	Title	Credits
Core Course Requirements (18-19 credits)			
	ACT 101* or	Applied Accounting or	3-4
	ACT 110	Financial Accounting	3
	BUS 101	Intro to Business	3
	ECO 110	Principles of Microeconomics	3
	ECO 120	Principles of Macroeconomics	3
	BUS 208	Entrepreneurship/Small Business Management	3
	ECO 220	Money & Banking	3
	BUS 246	Legal Environment of Business	3
Total Required Hours: 21-22 credits			

* ACT 101 Preferred

Electrical/Electronics Systems

Subject	Course	Title	Credits
Core Course Requirements (18 credits)			
	ETC-101	Fundamentals of Electronics	3
	MEC-110	Motors and Controls	3
	ETC-210	Industrial Electricity	3
	ETC-125	Introduction to Digital Systems	3
		Electric Utility Fundamentals-Energy, Regulation, &	3
	ETC-230	Influences	3
	ETC-240	Renewable Energy	3

Total Required Hours: 18 credits

English as a Second Language CS

Subject	Course	Title	Credits
General Education Requirements (9-12 credits)			
Writing	ESL 107 or	Intensive Grammar Review for Non-Native Speakers	3-4
	ESL 108 or	Intermediate Composition for Non-Native Speakers	
	ESL 109	Research Writing for Non-Native Speakers	
Speaking & Listening	ESL 103/COM 100 or	Pronunciation & Communication & Listening for Non-Native Speakers	3-4
	ESL 105 or	Advanced Conversation & Speaking Skills for Non-Native Speakers	
	ESL 104/RDG 104 or	College Reading for Non-Native Speakers Advanced	
Reading (must take at least 3 credit hours) *	ESL 106/RDG 106 or	College Reading for Non-Native Speakers	3-4
	ESL 112 or	Academic Vocabulary Across the Disciplines	
	ESL 113 or	Advanced Vocabulary for Special Purposes (for Non-Native Speakers)	
	ESL 116	ESL Conversation and Current Events	
Advanced Communication & Culture Requirements (6 credits - Choose at least two courses from any combination of the reading, writing, speaking, listening or culture categories.)			
Reading	RDG 111	Reading Across the Disciplines	6
	ESL 120	Success in Health Care Careers for Non-Native Speakers	
Writing	ENG 101	English Composition I	
	ENG 102	English Composition II	
Speaking & Listening	COM 101	Introduction to Communications (Equivalent to ESL 105)	
	Any GLS or GLC Course		
	MUS 111	Music Appreciation	
	MUS 250	Music Audio Production I	
Culture	Music Performance Class		
	ART 1001	Art Appreciation	
	ART 1150	Digital Art Studio	
	Art Studio Course		
Elective (3 credits)	ESL 299	Academic English for Special Purposes	
	PSY 101	Introduction to Psychology	
Elective-Choose One or More	Any INE		3
	Any ESL		
	Any COM		
	Any BTC		
	Any ART		
	Any PSY		
	Any ENG		
	Any LIT		
	Any PHE		
	Any THE		
	Any CPT		
	ANY RDG		
	Any MUS		
	Any AGS		
	Any BIO		
	Any PHY		
	Any HIS		
Any POL			
Any MAT			
Any ACT			
Any Foreign Language (Must have completed ESL-108)			
HMS 100	Introduction to Human Services		
Total Required Hours: 18-21 credits			

* In special circumstances (e.g. student testing out/course unavailability), ESL 100 or ESL 109 may serve to satisfy the remainder of the reading category requirement if the other course(s) taken in the reading category (such as ESL 116, ESL 112, and/or ESL 113) do not total

English Fundamentals CS

Subject	Course	Title	Credits
Pre-requisite			
	INE 100	Intensive English: Emerging Skills in Reading, Writing, Speaking and Listening (or Chair approval/testing out)	
General Requirements - 9 Credit Hours			
	INE 101	Intensive English: Reading and Writing	3
	INE 102	Intensive English: Listening and Speaking	3
	ESL 100	SCC Success and Skills for Non-Native Speakers	3
Electives – 3 credits			
	INE 199	Phonics and Fluency	2
	INE 111	Emerging Vocabulary I for Non-Native Speakers	1
	INE 112	Emerging Vocabulary II for Non-Native Speakers	1
	ESL 199	Study of U.S. Culture and Community	1
	Any MUS, ART or PHE (non-intensive English) Course	Any MUS, ART or PHE (non-intensive English) Course	1-3
Intermediate Course/Communication Experience Capstone – 1-4 Credit Hours or 30 Hours of			
	ESL 103 or	Pronunciation, Communication and Listening for Non-Native Speakers	4
	ESL 107 or	Intensive Grammar Review for Non-Native Speakers	4
	INE 190 or	Intensive English Practicum	1-3
	ESL 290 or	Academic English Practicum	1-4
	30 hours of AEL intermediate level courses taken simultaneously with INE courses		
Total Required Hours: 12-16 credits			

Entrepreneurship CS

Subject	Course	Title	Credits
Core Course Requirements (18-19 credits)			
	ACT 101 or ACT 110	Applied Accounting or Financial Accounting	3-4
	BUS 101	Intro to Business	3
	BUS 201	Principles of Management	3
	BUS 208	Entrepreneurship	3
	BUS 230	Principles of Marketing	3
	BUS 246	Legal Environment of Business	3
Total Required Hours: 18-19 credits			

Facilities Maintenance Systems

Subject	Course	Title	Credits
Core Course Requirements (18 credits)			
	ETC-101	Fundamentals of Electronics	3
	MEC-112	Hydraulic & Pneumatic	3
	MEC-230	Air Conditioning & Refrigeration	3
	MEC-110	Motors & Controls	3
	MFG-220	Principles of Maintenance Awareness	3
	MEC-120	Heating Systems	3

Total Required Hours: 18 credits

Foundations of Web Development and Design CS

Subject	Course	Title	Credits
Core Course Requirements (12 credits)			
	CPM 160	Frontend Web Development (HTML/CSS/JavaScript)	3
	CPM 260	WordPress	3
	ART 1200	2-D Design	3
	ART 1105	Digital Art Studio	3
Electives - Choose 3 (9 credits)			
	ART 2110	Page Layout	3
	ART 2120	Typography	3
	ART 2130	Digital Imaging and Illustration	3
	CPM 190	Backend Web Development (JavaScript/XML/PHP/MySQL)	3
	CPT-188	JavaScript	3
	CPT 250	Database Programming	3
Total Required Hours: 21 credits			

GIS Specialist CS

Subject	Course	Title	Credits
Core Course Requirements (16 credits)			
	CPT 135	Computer Science 1 w/ Python	4
	CPT 181	SQL Basics	3
	GEO 100, 103	Geography Elective	3
	GEO 120	Introduction to GIS (Geographic Information Systems)	3
	GEO 225	Advanced GIS	3
Total Required Hours: 16 credits			

Heating, Ventilation & Air Conditioning (HVAC-R) Systems

Subject	Course	Title	Credits
Core Course Requirements (17 credits)			
	ETC-101	Fundamentals of Electronics	3
	MEC-230	Air Conditioning & Refrigeration	3
	MEC-120	Heating Systems	3
	MEC-110	Motors & Controls	3
	MEC-270	Sheet Metal Duct Fabrication	2
	MEC-280	Commercial Refrigeration Systems	3

Total Required Hours: 17 credits

Hydraulics & Pneumatics Systems

Subject	Course	Title	Credits
Core Course Requirements (15 credits)			
	ETC-101	Fundamentals of Electronics	3
	MEC-112	Hydraulic & Pneumatic	3
	MFG-201	Principles of Manufacturing Processes & Production	3
	MFG-101	Principles of Safety	3
	MEC-110	Motors and Controls	3

Total Required Hours: 15 credits

IT Project Management

Subject	Course	Title	Credits
Core Course Requirements (16 credits)			
	CPT 135	Python Programming	4
	CPT 125	Introduction to Project Management	3
	CPT 181	SQL Programming	3
	CPT 200	System Analysis and Design-Capstone Project	3
	CPT 225	Advanced Topics in Project Management	3
Total Required Hours: 16 credits			

Management CS

Subject	Course	Title	Credits
Core Course Requirements (6 credits)			
	BUS 101	Introduction to Business	3
	BUS 201	Principles of Management	3
Electives (9 credits)			
	Any ACT		3
	Any BUS		3
	Any ECO		3
Total Required Hours: 15 credits			

Manufacturing Technology, Certified Production Technician CS

Subject	Course	Title	Credits	online
General Education Requirements (4 credits)				
	MAT 098	Beginning Algebra	4	0
Core Course Requirements (12 credits)				
	MFG 101	Principles of Safety	3	0
	MFG 111	Principles of Quality Practices	3	0
	MFG 201	Principles of Manufacturing Processes and Production	3	0
	MFG 220	Principles of Maintenance Awareness	3	0
Total Required Hours: 16 credits				

Marketing CS

Subject	Course	Title	Credits
General Education Requirements (0 credits)			
Core Course Requirements (6 credits)			
	BUS 101	Introduction to Business	3
	BUS 230	Principles of Marketing	3
Electives (9 credits)			
	Any ACT		3
	Any BUS		3
	Any ECO		3

Mechanical Design and Drafting (CAD) CS

Subject	Course	Title	Credits
Core Course Requirements (13 credits)			
	CAD 102	Introduction to SolidWorks	3
	CAD 104	Introduction to AutoCAD	3
	CAD 106	Introduction to Inventor	3
	CAD 202 or	Advanced SolidWorks - CSWA Exam Prep	3
	CAD 274	Geometric Dimensioning and Tolerancing with AutoCAD	
	CAD 299	CAD Capstone	1
Electives (3 credits)			
	CAD 164	Introduction to AutoCAD Electrical	3
	CAD 202	Advanced SolidWorks - CSWA Exam Prep	3
	CAD 274	Geometric Dimensioning and Tolerancing with AutoCAD	3
	CPM 220	3D Animation	3
	EGR 104	Engineering Design	3
	MFG 130	Basic Blueprint Reading	3
	MFG 201	Principles of Manufacturing Processes and Production	3
Total Required Hours: 16 credits			

Multimedia CS

Subject	Course	Title	Credits
Core Course Requirements (9 credits)			
	CPM 120	Introduction to Multimedia (Adobe Creative Cloud)	3
	CPM 210	Digital Photo Editing (Adobe Photoshop)	3
	CPM 270	Digital Video Editing (Adobe Premiere)	3
Elective Course Requirements-choose 3 (9 credits)			
	CPM 170	Computer Graphics (Adobe Illustrator)	3
	CPM 175	Digital Media Publication (Adobe InDesign)	3
	CPM 180	Digital Audio Editing (Adobe Audition)	3
	CPM 220	3D Modeling and Animation (Sketchup)	3
	CPM 230	Social Media Marketing	3
	CPM 250	Visual Effects (Adobe After Effects)	3
Total Required Hours: 18 credits			

Musical Theatre CS

Subject	Course	Title	Credits
Core Course Requirements (28 credits)			
	MUS 131	Music Theory I	3
	MUS 132	Music Theory II	3
	MUS 133	Ear Training and Sight Singing I	1
	MUS 134	Ear Training and Sight Singing II	1
	MUS 105* or	SCC Singers I or	
	MUS 115* or	Chamber Choir I or	
	MUS 106* or	SCC Singers II or	
	MUS 116* or	Chamber Choir II or	2
	MUS 135* or	Women's Chorale I or	
	MUS 136* or	Women's Chorale II or	
	MUS 141* or	Show Choir I or	
	MUS 142*	Show Choir II	
	MVV 101	Voice Lessons I	2
	MVV 102	Voice Lessons II	2
	THE 128	Acting I	3
	THE 228	Acting II	3
	THE 144/THE 146/THE 148**	Modern, Jazz, Tap Dance I	4
	THE 229/MUS 229 or	Musical Theatre History to 1943	3
	THE 230/MUS 230	Musical Theatre History Since 1943	
	MUS 259 or	Musical Theatre Workshop I or	1
	MUS 295	Opera Workshop	

* Choose any combination of two classes for a total of 2 credits

** Must choose two out of three classes for a total of 4 credits

Total Required Hours: 28 credits

Networking CS

Subject	Course	Title	Credits
Core Course Requirements (29 credits)			
	IT 151	CCNA 1 (Introduction to Networks)	4
	IT 152	CCNA 2 (Switching, Routing, Wireless Essentials)	4
	IT 153	CCNA 3 (Enterprise Networking, Security, Automation)	4
	IT 155	Programming for Network Administrators	4
	IT 251	CCNP Enterprise Routing and Services	4
	IT 110	Microsoft Technologies I	3
	IT 140	Programming for System Administrators	3
	IT 130	Introduction to Linux	3
Total Required Hours: 29 credits			

Personal Trainer CS

Subject	Course	Title	Credits
Core Course Requirements (18-19)			
	EXS 100	Introduction to Exercise Science	3
	EXS 110	Introduction to Exercise Physiology	3
	EXS 200	Muscular Fitness Assessment/Program Design	2
	EXS 205	Flexibility and Balance Assessment/Program Design	2
	EXS 210	Cardiorespiratory Fitness Assessment/Program Design	2
	EXS 215	Weight Management and Motivation Assessment/Program Design	2
	PHE 210 or PHE xxx	First Aid and Safety CPR/AED	1-2
	PHE 241 or PHE 242	Principles of Human Nutrition or Introduction to Nutrition	3
Total Credit Hours 18-19			

Photo/Imaging/Video CS

Subject	Course	Title	Credits
Core Course Requirements (9 credits)			
	ART 1105	Digital Art Studio	3
	ART 2810	Digital Photo I	3
	ART 2199 or ART 2999	Portfolio Development or Sophomore Seminar	3
Elective Course Requirements (9 credits) Choose 3			
	ART 2830	Digital Photo II	3
	ART 2860	Studio Lighting	3
	ART 2870	Event Photography	3
	ART 2170	Video Production	3
	ART 2130	Digital Imaging & Illustration	3
	ART 1200	2-D Design	3
	ART 1205	Color Theory	3
	ART 2110	Visualization & Layout	3
	ART 2160	Animation & Motion Graphics	3
		Any photography/imaging courses	
		Any art course approved by ART/GDS Chair	
		Any CPM software courses approved by ART/GDS Chair	

Total Required Hours: 18 credits

Print Media CS

Subject	Course	Title	Credits
Core Course Requirements (18 credits)			
	ART 1105	Digital Art Studio	3
	ART 1200	2-D Design	3
	ART 2810	Digital Photo I	3
	ART 2120	Typography	3
	ART 2110	Page Layout	3
	ART 2130	Digital Imaging	3

Total Required Hours: 18 credits

Programming CS

Subject	Course	Title	Credits
Core Course Requirements (16 credits)			
	CPT-135	Computer Science 1 w/Python	4
	CPT-181	SQL Programming	3
	CPT-200	System Analysis and Design-Capstone Project	3
	CPT-182 or	Computer Science II w/C++	3
	CPT-189	Computer Science II w/Java	3
	CPT-281 or	Intro to Data Structures w/ C++	3
	CPT-287	Intro to Data Structures w/ Java	3
Total Required Hours: 16 credits			

Robotics & Automation Systems

Subject	Course	Title	Credits
Core Course Requirements (18 credits)			
	ETC-101	Fundamentals of Electronics	3
	MEC-108	Intro to Prog Logic Controller	3
	MEC-110	Motors & Controls	3
	MEC-105	Automated Process Controls	3
	MEC-210	Robotics Theory, Maintenance & Application	3
	MEC-112	Hydraulic & Pneumatic	3
Total Required Hours: 18 credits			

Software Productivity CS

Subject	Course	Title	Credits
Core Course Requirements (18 credits)			
	BTC 103	Microcomputer Applications	3
	BTC 136	E-Communication With Stakeholders	3
	BTC 160	Word Processing	2
	BTC 165	Presentations Using PowerPoint	2
	BTC 170	Spreadsheet Applications - Excel	3
	BTC 175	Database Applications - Access	2
	BTC 190	Planning & Design Concepts - Publisher	3
Electives - Choose 1 Course From Below: (3 credits)			
	BTC 145	Business Technology Tools	3
	BTC 250	Business Simulations	3
Total Required Hours: 21 credits			

System Administration CS

Subject	Course	Title	Credits
Core Course Requirements (29 credits)			
	IT 155	Programming for Network Administrators	4
	IT 110	Microsoft Technologies I	3
	IT 210	Microsoft Technologies II	3
	IT 130	Intro to Linux	3
	IT 230	Linux Administration	3
	IT 140	Programming for System Administrators	3
	IT 160	Virtulization Technologies	3
	IT 151	CCNA1 (Introduction to Networks)	4
	IT 299	Topics in Information Technology	3

Web Development CS

Subject	Course	Title	Credits
Core Course Requirements (12 credits)			
	CPM 160	Frontend Web Development (HTML/CSS/JavaScript)	3
	CPM 190	Backend Web Development (JavaScript/XML/PHP/MySQL)	3
	CPM 260	WordPress	3
	CPM 295	Web Project/Portfolio (capstone)	3
Electives (6-7 credits) Choose 2			
	CPM-240	Web Development (Process)	3
	CPT-188	JavaScript	3
	CPT-135	Programming in Python	4
	CPT-160	Mobile Apps Development	3
	CPT-250	Database Programming	3

Total Required Hours: 18-19 credits

Web Media CS

Subject	Course	Title	Credits
Core Course Requirements (24 credits)			
	ART 1200	2-D Design	3
	ART 1105	Digital Art Studio	3
	ART 2810	Digital Photo I	3
	ART 2110	Page Layout	3
	ART 2120	Typography	3
	ART 2130	Digital Imaging	3
	ART 2140	Web Design	3
	ART 2160	Motion Graphics	3

Total Required Hours: 24 credits