Degree: **Associate of Arts**
Major: **Computer Information Systems**
Division: Business and Technology

Program Code: (060, CIS.AA)

Minimum Ret/Grad GPA 2.00
Minimum Total Hours 62

GENERAL EDUCATION REQUIREMENTS…………………………………………………………………..40 HOURS

English Composition - 6 hours
1. ENGL 1113 Freshman Composition I
2. ENGL 1213 Freshman Composition II

U.S. History - 3 hours
1. HIST 1483 Am His 1492-1865 or HIST 1493 Am His 1865-Pr

U.S. Government - 3 hours
1. POS 1113 American Federal Government

Biological Science - 4 hours
1. BIO 1114, BOT 1114, or ZOO 1114

Physical Science - 4 hours
1. GPS 1214, CHEM 1115, PHYS 1114, or PHYS 2014

Orientation - 1 hour
1. ORI 1111 Freshman Orientation

Mathematics - 3 hours
1. MATH 1413 Survey of Contemporary Math[1] or higher

Health, Physical Education & Recreation - 3 hours
1. any HPER course, except activity courses

Humanities - 6 hours
1. One (HUM 2113, 2223; ART 1113; DRMA 1213; HIST 1113, 1123; MUS 1113; PHIL 1113, 2123; RLED 1113, 1123, 2113; ENGL Literature)
2. One (HUM 2113, 2223; ART 1113; DRMA 1213; HIST 1113, 1123; MUS 1113; PHIL 1113, 2123; RLED 1113, 1123, 2113; ENGL Literature)

Approved Electives -9 hours
1. CS 1103 Microcomputer Applications
2. Elective (PSY, HIST, POS, SOC, ECON, GEOG, SPAN, CHER, CHOC, ART, MUS, DRMA, HUM, PHIL, RLED, SPCH, ENGL literature)
3. Elective (PSY, HIST, POS, SOC, ECON, GEOG, SPAN, CHER, CHOC, ART, MUS, DRMA, HUM, PHIL, RLED, SPCH, ENGL literature)

MAJOR REQUIREMENTS………………………………………………………………………………….22-24 HOURS

Required Courses in Major - 12 hours
1. CS 1313 Programming I
2. CS 1333 Programming II
3. CS 2203 Networking I
4. CS 2243 Internet Programming

Elective Courses in Major – 10-12 hours (Select Four)
1. CS 1113 Introduction to Computer Forensics
2. CS 1423 Information Security
3. CS 1433 Introduction to Photoshop
4. CS 1443 Animation & Interactive Media
5. CS 1513 Operating Systems
6. CS 2013 Database Management
7. CS 2213 Networking II
8. Other CS course

Notation:
[1]MATH 1413 is Math Pathways requirement. However, transfer student should consider math requirement of the transfer institution.

Semester by Semester Degree Plan

Computer Information Systems, AA (060, CIS.AA)

Students are required to complete General Education and Major Requirement courses leading to this degree. Students who complete this associate's degree are prepared to transfer and continue their education at a four-year college/university. Students should consult with their academic advisor and refer to the 4-semester by semester program planning guide to understand course sequencing.

Course Number – Course Description	Hours
Freshman Year 1st Semester – Fall	
☐ ORI 1111 Freshman Orientation	1
☐ ENGL 1113 Freshman Composition I	3
☐ CS 1103 Microcomputer Applications	3
☐ CS 1313 Programming I	3
☐ CS 2203 Networking I or CS 2243 Internet Programming	3
☐ HPER Course – 2-3 hours	2-3
Total:	15-16
Freshman Year 2nd Semester – Spring	
☐ ENGL 1213 Freshman Composition II	3
☐ MATH 1413 Survey of Contemporary Mathematics	3
☐ Biological Science - (BIO, BOT, OR ZOO)	4
☐ Humanities (ART, ENGL, HUM, MUS, PHIL, OR RLED)	3
☐ CS 2203 Networking I or CS 2243 Internet Programming	3
Total:	16
Sophomore Year 1st Semester – Fall	
☐ Physical Science - (CHEM, GPS, OR PHYS)	4
☐ HIST 1483 or 1493 American History	3
☐ POS 1113 American Federal Government	3
☐ Elective in Major	3
☐ Elective in Major	3
Total:	16
Sophomore Year 2nd Semester – Spring	
☐ CS 1333 Programming II	3
☐ Humanities (ART, ENGL, HUM, MUS, PHIL, OR RLED)	3
☐ Elective in General Education (see below)	3
☐ Elective in General Education (see below))	3
☐ Elective in Major	3
Total:	15

Graduation Requirements: Minimum 62 cr-hrs, 2.00 Ret/Grad GPA, 15 Resident cr-hrs   **Total Hours: 62-63**

Note: Students should select appropriate General Education Electives and Electives appropriate to major and interest. CASC Course disciplines include: PSY, HIST, POS, SOC, ECON, GEOG, SPAN, CHER, CHOC, ART, MUS, DRMA, HUM, PHIL, RLED, SPCH, ENGL (literature). Students should complete a 15 - 16 cr-hrs per semester to graduate in two years.

How to Use this "Semester by Semester Degree Plan": Courses are listed in the order they should be taken and in what term the course should be taken. Enrollment into developmental courses will add to the total credit hour count, and may alter English, math and science enrollment rotations. Students should use this as a guide in pre-enrollment, study the Course Schedule and then visit with an academic advisor.

Estimated Program Cost: Students can complete this degree in four semesters (15-16 per semester).

The estimated cost of this program is approximated at: *62 credit-hours x $141.00 per credit hour = $ 8,742.00* (Please know that this cost does not include textbooks, supplies, developmental coursework, and other expenses, and is designed as an ESTIMATE only).

Actual program cost is based on Fall 2023 in-state tuition amounts and final costs will vary from this estimate.