



Graduates from the Associate of Applied Science in Computer Information Systems program support the information technology (IT) operations in sectors such as industry, business, education, services and government. Areas of application include computer maintenance, computer networking, databases and digital media production. Employment opportunities include IT support services technician, computer information systems specialist, and computer technician.

Recommended Course Sequence

General Education/Core Curriculum Courses	Credits	Suggested Semester
XXXX X3XX [†] Language, Philosophy & Culture Elective OR	3	Fall/Year 1
XXXX X3XX [†] Creative Arts Elective		
MATH 1314* College Algebra	3	Fall/Year 1
ENGL 1301* Composition I	3	Spring/Year 1
ENGL 1302 Composition II	3	Fall/Year 2
XXXX X3XX [†] Social and Behavioral Sciences Elective	3	Fall/Year 2
SPCH 1315 Public Speaking	3	Fall/Year 2
Program Courses	Credits	Suggested Semester
COSC 1301* Introduction to Computing	3	Fall/Year 1
ITSC 1325* Personal Computer Hardware	3	Fall/Year 1
IMED 1416* Web Design	4	Fall/Year 1
ITSE 2409* Database Programming	4	Spring/Year 1
ITNW 2413* Networking Hardware	4	Spring/Year 1
IMED 2415* Web Design II	4	Spring/Year 1
ITSE 2310* IOS Application Programming	3	Fall/Year 2
ITNW 2405* Network Administration	4	Fall/Year 2
COSC 1336* Programming Fundamentals I	3	Spring/Year 2
ITSE 1350* System Analysis and Design	3	Spring/Year 2
ITSW 2365* Practicum (or Field Experience) – Data Processing and Data Processing Technology/Technician	3	Spring/Year 2
ITNW 2412* Routers	4	Spring/Year 2
Total Credit Hours for Graduation	60	

Program Student Learning Outcomes

Program Student Learning Outcomes (PSLO) are statements that specify what students will know, be able to do or be able to demonstrate when they have completed the program.

1. Graduates of the AAS degree in CIS and Certificate Level 1 will be able to describe the function of a computer information system.
2. Graduates of the AAS degree in CIS will be able to create and implement computer programs for business and evaluate the effectiveness of the computer programs.
3. Graduates of the AAS degree in CIS and Certificate of CIS Level 1 will be able to apply productivity tools in a business environment.
4. Graduates of the AAS degree in CIS and Certificate of CIS Level 1 will be able to design hardware configuration and list maintenance techniques.

*Grade of "C" or better is required for graduation.

[†]Students may take any course within this category of the TSC General Education Core Curriculum.

This information is provided as an example only. You will develop a personalized plan with your Success Coach and faculty advisor/mentor that reflects your goals and interests. You are required to meet with an advisor each semester to ensure you are on track for graduation. This document does not contain all the information you need to stay on track for graduation.