

# Associate of Applied Science: Computer and Information Technology (Software) 62 Credit Hours | Fall 2023

Computer and Information Technology focuses on the development and support of computing and networked systems. Computing knowledge and skills are vital for professional success in any field and there will always be a need for technically skilled professionals. The Computer and Information Technology Associate Degree program requires students to select a concentration area. Students have many opportunities for this focused area of study.

## RECOMMENDED TWO-YEAR PLAN

### **First Year**

First Semester • 15 Credit Hours	Second Semester • 15-16 Credit Hours
<b>ENG 111</b> English Composition (3) or ENG 109 English Composition for Second-Language (3)	CIT 205 Agile Launchpad I (3)
CIT 167 Info Technology People & Practices (2)	CIT 214 Database Design and Development (3)
CIT 168 Info Technology Tools and Techniques (4)	CSE 163 Intro to Computer Concepts and Programming (3)
STC 135 Principles of Public Speaking (3)	CSE 174 Fundamentals - Programming & Problem Solving (3)
MTH 122 College Algebra (3)*	PA Creative Arts or Natural Science (3-4)

#### **Second Year**

First Semester • 15 Credit Hours	Second Semester • 15 - 16 Credit Hours
CIT 262 Tech, Ethics & Global Society (3)	CIT 253 Contemporary Programming Languages or CIT 263 Adv. Topics in Programming (3)
CIT 268 Intro to Human-Computer Interaction (3)	STA 261 Statistics (4) or STA 301 Applied Statistics (3)
CIT 273 Web Application Development (3)	PA Global Citizenship (3)
CSE 271 Object-Oriented Programming (3)	MAJOR Technical Elective (3)**
<b>EGS 215</b> Workplace Writing (3) or <b>ENG 112</b> Composition & Literature (3)	ELECTIVE Elective (3)

Students must earn a minimum 2.0 GPA for all program requirements

Please note this is a guideline only; your degree audit is the official program record

## **CONTACT INFORMATION**

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<sup>\*</sup> Or any higher-level math course; depending on math placement scores

<sup>\*\*</sup> See your Faculty Advisor for a list of approved Technical Electives