

ASSOCIATE OF APPLIED SCIENCE PROGRAMS

TECHNOLOGY - COMPUTER INFORMATION TECHNOLOGY

Students may earn a general degree in CIT by completing the program requirements and any combination of electives. Students who wish to specialize may choose an area of emphasis and complete the specific electives for each. The four emphasis areas are Front End Developer, Back End Developer, Cybersecurity and Programming.

Mission

The mission of the Associate of Applied Science in Technology is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

Student Learning Outcomes

Students who complete an Associate of Applied Science in Technology are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. (WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Developed an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Developed an appreciation of the need and importance of lifelong learning. (WNC SLO 1)

Required Courses

TOTAL REQUIREMENTS		60 Units
PROGRAM REQUIREMENTS		36 Units
CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 217	Security+	3
CIT 263	Introduction to IT Project Management	3
PROGRAM ELECTIVES -Choose 19 units from the following:		
Any Computer Information Technology (CIT) course		Units vary
Any Information Systems (IS) course		Units vary
INF 100	Introduction to Informatics I – Basic Concepts	3
CS 135	Computer Science I	3
CS 202	Computer Science II	3
<i>Students can select program electives from at least one designated emphasis.</i>		
GENERAL EDUCATION REQUIREMENTS		24 Units
English/Communications: <i>Must include a writing course</i>		6
Mathematics Requirement: <i>Recommended MATH 124</i>		3
Science Requirement		3
Human Relations Requirement		3
Humanities/Social Science Requirement		3
U.S. & Nevada Constitution Requirement		3
General Elective		3
Please see the Associate of Applied Science page for a list of all courses filling general education requirements.		
<i>Students should meet with an advisor or faculty member in the CIT department for assistance selecting a degree pathway.</i>		

Suggested Course Sequence

COMPUTER INFORMATION TECHNOLOGY - Associate of Applied Science			
First Semester	Units	Third Semester	Units
CIT 114	4	CIT 217	3
CIT 112	3	Program Electives	6
CIT 128	4	Mathematics	3
ENG 101	3	Human Relations	3
Second Semester	Units	Fourth Semester	Units
CIT 263	3	Program Electives	7
Program Electives	6	Humanities/Social Science	3
ENG 102 or 107	3	General Elective	3
Science	3	U.S./NV Constitution	3

Industry-Aligned Emphases

The Computer Information Technology program prepares students for a variety of careers, certifications and degrees. Student may choose an area of emphasis and complete specific electives for each. The four emphasis areas are **Front End Developer**, **Back End Developer**, **Cybersecurity** and **Programming**. Students should meet with an advisor or faculty member in the CIT department for assistance selecting a degree pathway.

[Cybersecurity Emphasis](#) [Programming Emphasis](#) [Back End Developer Emphasis](#) [Front End Developer Emphasis](#)