

ASSOCIATE OF APPLIED SCIENCE PROGRAMS

TECHNOLOGY - COMPUTER INFORMATION TECHNOLOGY - CYBERSECURITY EMPHASIS

Specialists in cybersecurity plan and execute security measures to shield computer systems, networks and networked devices from external threats, infiltration and cyberattacks. Students earning this program emphasis will understand how to prevent, monitor, and respond to data breaches and cyberattacks.

Required Courses

TOTAL REQUIREMENTS		61 Units
PROGRAM REQUIREMENTS		40 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
Cybersecurity emphasis requirements:		
CIT 220	Routing and Switching	4
CIT 270	Network Tools	4
CIT 273	Network Defense	3
CIT 274	Ethical Hacking	3
CIT 275	Hacking Forensics Investigation	3
Program Elective – System Administration - choose 6 units from the following:		6
CIT 211	Microsoft Operating System Management	
CIT 212	Microsoft Networking II	
CIT 214	Microsoft Azure Administration	
CIT 173	Introduction to Linux	
GENERAL EDUCATION REQUIREMENTS		21 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 Constitutions Requirement		3

Please see the [Associate of Applied Science](#) page for a list of all courses filling general education requirements.

Suggested Course Sequence

COMPUTER INFORMATION TECHNOLOGY - Cybersecurity Emphasis - Associate of Applied Science			
First Semester	Units	Third Semester	Units

Associate of Applied Science Programs

CIT 114	4	CIT 112	3
CIT 128	4	CIT 217	3
ENG 101	3	CIT 212	3
Mathematics	3	ENG 102 or 107	3
Human Relations	3		
Second Semester	Units	Fourth Semester	Units
CIT 220	4	CIT 270	4
CIT 173	3	CIT 263	3
CIT 273	3	CIT 275	3
CIT 274	3	Humanities/Social Science	3
Science	3	U.S./NV Constitution	3