

COMPUTER SCIENCE TECHNOLOGY
Associate in Applied Science Degree
Location: Boaz Campus

Students pursuing the degree should choose from one of the three concentration areas listed.

Area I	English Composition I	3	
	ENG 101 English Composition I.....	3	_____
Area II.....	Humanities and Fine Arts	3	_____
	HUM/FA ART, HUM 101, HUM 102, MUS, PHL, REL, THR.....	3	_____
Area III.....	Natural Science and Mathematics	6-8	
	MTH 116 or higher level.....MTH 100, 110, 112, 113, 116, 125.....	3-4	_____
	Elective MTH 100, BIO, CHM, AST, GEO 101, PHS, PHY.....	3-4	_____
Area IV	History, Social, and Behavioral Sciences.....	3	
	SOC SCI ECO, GEO 100, HIS, POL, PSY, SOC	3	_____
Area V.....	Pre-Professional, Major, and Elective Courses.....	34-37	
	CIS 117..... Database Management Software Applications	3	_____
	CIS 130..... Introduction to Information Systems	3	_____
	CIS 146..... Computer Applications	3	_____
	CIS 161..... Introduction to Networking Communications.....	3	_____
	CIS 171..... Linux I.....	3	_____
	CIS 201..... Introduction to Programming Concepts.....	3	_____
	CIS 202..... Python Programming.....	3	_____
	CIS 207..... Web Development.....	3	_____
	CIS 268..... Software Support.....	3	_____
	CIS 269..... Hardware Support.....	3	_____
	CIS 294..... Special Topics.....	3	_____
	Elective CIS 284 (CIS Internship).....	3	_____
	WKO 101..... Workplace Skills Development.....	1	_____

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COMPUTER SCIENCE TECHNOLOGY CONTINUED
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AND		
Specialty Track	15 hours	
Students will choose one Specialty Track, which will complete the degree requirements.		
Apple App Development.....	15	
CIS 157..... Introduction to App Development with Swift.....	3	_____
CIS 220..... App Development with Swift I.....	3	_____
CIS 227..... App Development with Swift II	3	_____
CIS 259..... Advanced Mobile App Development.....	3	_____
CIS 280..... Network Security.....	3	_____
OR		
Cyber Security	15	
CIS 214..... Security Analysis (Pen Testing).....	3	_____
CIS 245..... Cyber Defense	3	_____
CIS 260..... Network Security and Risk Management.....	3	_____
CIS 280..... Network Security.....	3	_____
CIS 282..... Computer Forensics	3	_____
OR		
IT Systems Administration	15	
CIS 162..... Advanced Networking.....	3	_____
CIS 260..... Network Security and Risk Management.....	3	_____
CIS 267..... Enterprise Virtualization	3	_____
CIS 277..... Network Services Administration.....	3	_____
CIS 287..... SQL Server	3	_____
TOTAL HOURS REQUIRED FOR DEGREE.....	64-68	