

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	Written Composition	3	
ENG	ENG 101	3	_____
Area II.....	Humanities and Fine Arts	3	_____
HUM/FA	ART, 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 131, 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	