



**Associate in Science in Computer Information Technology (60 Credit Hours)
2018 – 2019 Program Curriculum Guide**

This is an UNOFFICIAL document which can be used as a guide for students pursuing this academic degree program. The official program of study, minimum grade and/or prerequisite requirements are published in the current university catalog. Students should contact their student success advisor with any questions.

Area I: Computer Information Technology Component	Credit Hours	Met
A. Computer Information Technology Core		
CTS1131 A+ Hardware I	3	
CTS1132 A+ Hardware II	3	
CTS2318 Principles of Information Security	3	
COP2250 Java Programming I	3	
CGS2515 Advanced Computer Applications	3	
GRA2520 Web Design I	3	
COP2700 Introduction to Database Management Systems	3	
B. Business Core		
GEB1011 Introduction to Business	3	
FIN2100 Personal Finance	3	
Total Computer Information Technology Component	27	
Area II: General Education Component		
MAT1033 Intermediate Algebra	3	
CGS1100 Computer Applications	3	
ENC1101 English Composition I	3	
SLS1103 College Developmental Skills	3	
PHI2600 Ethics	3	
Elective Social or Behavioral Science	3	
Total General Education Component	18	

Area III: Elective Component	Credit Hours	Met
<u>Students must choose one of the areas of focus:</u>		
Cybersecurity and Networking Focus		
CTS1138 A+ Lab/ Certification Prep	3	
CTS2134 CompTIA Network+ Certification Prep	3	
CTS2166 Introduction to Scripting I	3	
CTS2167 PowerShell Scripting II	3	
CTS2650 Networking Essentials	3	
Software Development Focus		
CAP2023 Introduction to Game Programming	3	
COP2048 Programming Concepts II	3	
COP2251 Java Programming II	3	
COP3655 Mobile Application Development	3	
Elective CTS/CAP/CGS/COP/GRA Elective	3	
Computer Information Technology Focus		
CTS1138 A+ Lab/ Certification Prep	3	
CTS2134 CompTIA Network+ Certification Prep	3	
CTS2155 User Support & Help Desk Operations	3	
CTS2650 Networking Essentials	3	
Elective CTS/CAP/CGS/COP/CET Upper Level (2000) Elective	3	
Total Elective Component	15	
Total Semester Hours Required for Graduation	60	

Once enrolled, please log into the MyHUGo portal and check "My Progress" in the student planning module of HU Self-Service. Please contact the Office of Student Success if you have any questions and refer to the University Catalog for degree requirements.



**Associate in Science in Computer Information Technology (60 Credit Hours)
2018 – 2019 Optimum Sequence of Course Work**

The following course sequences are formatted to help ensure the most direct path to program completion. Deviation may add to the overall time to complete the degree, as many courses require prerequisites and/or are not offered every session. It is important for students to follow the optimum sequence of coursework as suggested by their student success advisor.

1 st Year – Session One		Credits	Met	1 st Year – Session Two		Credits	Met	1 st Year – Session Three		Credits	Met
SLS1103	College Developmental Skills	3		CTS1132	A+ Hardware II	3		COP2700	Introduction to Database Management Systems	3	
CGS1100	Computer Applications	3		CGS2515	Advanced Computer Applications	3		COP2250	Java Programming I	3	
ENC1101	English Composition I	3		GRA2520	Web Design I	3		GEB1011	Introduction to Business	3	
CTS1131	A+ Hardware I	3		MAT1033	Intermediate Algebra	3		CTS1138	A+ Lab/ Certification Prep OR	3	
								COP2251	Java Programming II		
Total		12		Total		12		Total		12	

2 nd Year – Session Four		Credits	Met	2 nd Year – Session Five		Credits	Met
CTS2318	Principles of Information Security	3		CTS2166	Introduction to Scripting I OR	3	
				COP2048	Programming Concepts II OR		
CTS2650	Networking Essentials OR	3		CTS2155	User Support & Help Desk Operations	3	
				CTS2134	CompTIA Network+ Certification Prep OR		
				COP3655	Mobile Application Development		
CAP2023	Introduction to Game Programming			CTS2167	PowerShell Scripting II OR CTS/CAP/CGS/COP/GRA Elective	3	
FIN2100	Personal Finance	3			Social or Behavioral Science	3	
PHI2600	Ethics	3					
Total		12		Total		12	