

Not offered in the semester

**BSIT Planner**

				Year:			Year:		
Prerequisites	CH	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Trigonometry	3	MAC1114							
Pre-Calculus	3	MAC1140							
Calculus I	4	MAC2311C							
Elementary Statistics	3	STA2023							
Discrete Analysis <i>Preferred</i>	3	COT3100							
C# Computer Programming	3	COP2360							
<b>OR</b>									
Java Computer Programming	3	COP2800							
Linux Administration <i>Preferred</i>	3	CTS3348							
Digital Technology <i>Preferred</i>	4	CET3116							
Electrical Circuits <i>Preferred</i>	3	EET3086							
<b>Additional pre-requisite options on front.</b>									
Program Requirements (42 credit hours)	CH	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Business Writing	3	GEB3213							
Ethics in Computing	1	CIS4250							
Data Structures	3	COP3530							
Human Computer Interfaces	3	CEN3722							
Applied Databases	3	COP4708							
Operating Systems	3	COP4610							
Applied Cybersecurity	3	CIS4360							
Intro to Telecommunications	2	CNT3104							
Data Communication	3	CNT4007							
Voice/Data Network Design	3	CNT4703							
Computer Organization & Design	3	CDA4101							
Systems Integration	3	CEN4801							
Software Engineering	3	CEN4010							
Web Systems I	3	COP4813							
IT Project Management	3	CIS4510							
<b>Must select two (2) courses (6 credit hours) from one of the specializations below:</b>									
Web Systems (6 credit hours)	CH	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Applied Database II	3	COP4709							
Applied Web Systems II	3	COP4834							
Cybersecurity (6 credit hours)	CH	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Intro to Digital Forensics	3	CET4860							
Advanced Digital Forensics	3	CET4861							
Network Forensics and Incident Response	3	CET4862							
Security Methods and Practices	3	CET4884							
Requirements Summary	CH	Course Number	Done						
General Education	36	Various							
Lower Level Technical Electives	44	44 Hours							
Upper Level Program Specific	48	48 Hours							
Total Hours		128 Hours							

Prerequisites				
Courses	Classes	FA	SP	SU
<b>Mathematics Requirement</b>				
MAC1105	College Algebra	✓	✓	✓
MAC1114	Trigonometry	✓	✓	✓
MAC1140	Pre-Calculus	✓	✓	✓
MAC2311C	Calculus I	✓	✓	✓
STA2023	Elementary Statistics	✓	✓	✓
<b>Discrete Requirement (select 1)</b>				
COT3100	Discrete Analysis <i>Preferred</i>	✓	✓	
MAD2104	Discrete Mathematics	✓		
<b>Programming Requirement</b>				
COP1000	Principles of Computer Programming	✓	✓	✓
<b>Programming Course (select 1)</b>				
COP2800	Computer Programming Java	✓	✓	
COP2360	C# Programming	✓	✓	✓
COP2200	Computer Programming C	✓	✓	
<b>Linux Requirement (select 1)</b>				
CTS3348	Linux Administration <i>Preferred</i>	✓		✓
CTS2321	Linux Fundamentals	✓	✓	
<b>Digital Requirement (select 1)</b>				
CET3116	Digital Technology <i>Preferred</i>	✓	✓	✓
CET1112C	Digital Fundamentals and Lab	✓	✓	✓
<b>Electrical Requirement (select 1)</b>				
EET3086	Electrical Circuits <i>Preferred</i>	✓	✓	✓
EET3085/L	Principles of Electrical Circuits	✓	✓	✓
EET1011C	Introduction to Electrical Circuits and Lab (DC)	✓	✓	
EET1021C	Advanced Electrical Circuits and Lab (AC)	✓	✓	
PHY2049C	Physics with Calculus II and Lab		✓	✓
<b>Lower Level Technical Electives:</b>				
Student must complete <b>44</b> approved hours of lower-level technical coursework.				

Requirements (42 credit hours)				
Courses	Classes	FA	SP	SU
CIS 4250	<b>Ethical Issues in IT</b> PR: ENC1101	✓		✓
GEB 3213	<b>Business Writing</b>	✓	✓	✓
COP 3530	<b>Data Structures</b> PR: COP2800 or COP2200 or COP2360 or COP2100C and COT3100 or MAD2104	✓	✓	
CEN 3722	<b>Human Computer Interfaces</b> PR: COP2800 or COP2200 or COP2360	✓	✓	
COP 4708	<b>Applied Database I</b> PR :COP2800 or COP2200 or COP2360	✓	✓	
COP 4610	<b>Operating Systems</b> PR: CTS3348 or CTS2321	✓	✓	
CIS 4360	<b>Applied Cybersecurity</b> PR: CTS3348 or (CTS2321 and CET1600) CO-R: CNT3104	✓	✓	✓
CNT 3104	<b>Introduction to Telecommunications</b> PR: EET1021C or EET3086	✓		✓
CNT 4007	<b>Data and Computer Communications</b> PR: CNT3104 and STA2023	✓	✓	
CNT 4703	<b>Voice and Data Network Design</b> PR: CNT4007	✓		✓
CDA 4101	<b>Computer Organization and Design</b> PR: CET1112C or CET3116	✓	✓	
CEN 4801	<b>Systems Integration</b> PR: CNT3104 and COP3530 Co-R: COP4708	✓		
CEN 4010	<b>Software Engineering</b> PR: COP3530		✓	
COP 4813	<b>Web Systems I</b> PR: COP3530 Co-R: CEN3722	✓		
CIS 4510	<b>IT Project Management</b> PR: CEN4801		✓	
<b>General Education Requirements:</b>				
Student must complete State required general education courses. This requirement is considered complete with an AA from an accredited Florida State School; two (2) semesters of a foreign language completed in a Florida State School or transferred from a high school; completion of Florida Civics Literacy course and Exam are required.				

Advanced Technical Certificates
Student must select two (2) additional courses (6 credit hours) <i>not already listed</i> as a required course from <i>one of the</i> Advanced Technical Certificates below.

Web Systems Software Development				
Courses	Classes	FA	SP	SU
COP4813	<b>Web Systems I</b>	✓		
COP4708	<b>Applied Database I</b>	✓	✓	
COP4834	<b>Web Systems II</b>		✓	
COP4709	<b>Applied Database II</b>		✓	
COP3530	<b>Data Structures</b>	✓	✓	
CEN3722	<b>Human Computer Interfaces</b>	✓	✓	
CIS4510	<b>IT Project Management</b>		✓	

Cybersecurity & Cyberforensics				
Courses	Classes	FA	SP	SU
CET4860	<b>Introduction to Digital Forensics</b> PR: CTS3348 or (CTS2321 and CET1600)		✓	✓
CET4861	<b>Advanced Digital Forensics</b>	✓	✓	
CET4862	<b>Network Forensics &amp; Incident Response</b> PR: CIS4360		✓	
CTS3348	<b>Linux Administration</b> PR: COP2800 or COP2001C or COP2220 or COP2360 or CTS2321	✓		✓
CIS4360	<b>Applied Cybersecurity</b>	✓	✓	✓
CET4884	<b>Security Methods and Practice</b> PR: GEB3213	✓		

**Legend:**

Prerequisites

BSIT Program Requirement

Web Systems Software Development (Adv. Tech. Cert.) Upper-Level Tech. Elective

Cybersecurity &amp; Cyberforensics (Adv. Tech. Cert.) Upper-Level Tech. Elective

✓ Course Available

Not Offered