

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							
OR									
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							
Additional pre-requisite options on front.									
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							
Must select two (2) courses (6 credit hours) from one of the specializations below:									
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
Mathematics Requirement				
MAC1105	College Algebra	✓	✓	✓
MAC1114	Trigonometry	✓	✓	✓
MAC1140	Pre-Calculus	✓	✓	✓
MAC2311C	Calculus I	✓	✓	✓
STA2023	Elementary Statistics	✓	✓	✓
Discrete Requirement (select 1)				
COT3100	Discrete Analysis <i>Preferred</i>	✓	✓	
MAD2104	Discrete Mathematics	✓		
Programming Requirement				
COP1000	Principles of Computer Programming	✓	✓	✓
Programming Course (select 1)				
COP2800	Computer Programming Java	✓	✓	
COP2360	C# Programming	✓	✓	✓
COP2220	Computer Programming C	✓	✓	
Linux Requirement (select 1)				
CTS3348	Linux Administration <i>Preferred</i>	✓		✓
CTS2321	Linux Fundamentals	✓	✓	
Digital Requirement (select 1)				
CET3116	Digital Technology <i>Preferred</i>	✓	✓	✓
CET1112C	Digital Fundamentals and Lab	✓	✓	✓
Electrical Requirement				
EET3086	Electrical Circuits <i>Preferred</i>	✓	✓	✓
OR				
EET3085/L	Principles of Electrical Circuits	✓	✓	✓
OR				
EET1011C	Introduction to Electrical Circuits and Lab (DC)	✓	✓	
AND				
EET1021C	Advanced Electrical Circuits and Lab (AC)	✓	✓	
OR				
PHY2049C	Physics with Calculus II and Lab		✓	✓
Lower Level Technical Electives:				
Student must complete 44 approved hours of lower-level technical coursework.				

Requirements (42 credit hours)				
Courses	Classes	FA	SP	SU
CIS 4250	Ethical Issues in IT PR: ENC1101	✓		✓
GEB 3213	Business Writing	✓	✓	✓
COP 3530	Data Structures PR: COP2800 or COP2220 or COP2360 or COP2100C and COT3100 or MAD2104	✓	✓	
CEN 3722	Human Computer Interfaces PR: COP2800 or COP2220 or COP2360	✓	✓	
COP 4708	Applied Database I PR: COP2800 or COP2220 or COP2360	✓	✓	
COP 4610	Operating Systems PR: CTS3348 or CTS2321	✓	✓	
CIS 4360	Applied Cybersecurity PR: CTS3348 or (CTS2321 and CET1600) CO-R: CNT3104	✓	✓	✓
CNT 3104	Introduction to Telecommunications PR: EET1021C or EET3086	✓		✓
CNT 4007	Data and Computer Communications PR: CNT3104 and STA2023	✓	✓	
CNT 4703	Voice and Data Network Design PR: CNT4007	✓		✓
CDA 4101	Computer Organization and Design PR: CET1112C or CET3116	✓	✓	
CEN 4801	Systems Integration PR: CNT3104 and COP3530 Co-R: COP4708	✓		
CEN 4010	Software Engineering PR: COP3530		✓	
COP 4813	Web Systems I PR: COP3530 Co-R: CEN3722	✓		
CIS 4510	IT Project Management PR: CEN4801		✓	
General Education Requirements:				
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	Web Systems I	✓		
COP4708	Applied Database I	✓	✓	
COP4834	Web Systems II			✓
COP4709	Applied Database II			✓
COP3530	Data Structures	✓	✓	
CEN3722	Human Computer Interfaces	✓	✓	
CIS4510	IT Project Management			✓

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

Legend:

Prerequisites

BSIT Program Requirement

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

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

✓ Course Available

Not Offered