

Not offered in the semester Offered every other year

BSIT Planner				Year: Year:					
Pre-requisites	СН	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 <b>Preferred</b>	3	COT3100							
C# Computer Programming	3	COP2360							
<b>OR</b> Java Computer Programming	3	COP2800							
Linux Administration <b>Preferred</b>	3	CTS3348							
Digital Technology <b>Preferred</b>	4	CET3116							
Electrical Circuits <b>Preferred</b>	3	EET3086							
Additional pre-requisite options on		•							
front.		T							
Program Requirements (42 hours)	СН	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Business Writing	3	GEB3213							
Ethics in Computing	1	CIS4250							
Human Computer Interfaces	3	CEN3722							
Data Structures	3	COP3530							
Applied Databases	3	COP4708							
Operating Systems	3	COP4610							
Applied Cybersecurity	3	CIS4360							
Intro to Telecommunications	2	CNT3104							
Data Communication	3	CNT4007							
Voice/Data Networks	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							
Web Systems (6 hours)	СН	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Applied Database II	3	COP4709							
Applied Web Systems II	3	COP4834							
Cybersecurity (6 hours)	СН	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	СН	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
General Education	36	Various							
Lower Level Technical Electives	44	44 Hours							
Upper Level Required 48	48	48 Hours							
Total Hours	##	128 Hours							
Total Semester Hours									



## **BSIT Program**

Prerequisites								
Courses	Classes	FA	SP	SU				
Mathematics Requirements								
MAC1105	College Algebra	<b>√</b>	1	<b>√</b>				
MAC1114	Trigonometry	<b>V</b>	1	<b>V</b>				
MAC1140	Pre-calculus	<b>V</b>	>	<b>V</b>				
MAC2311C	Calculus I	<b>V</b>	>	<b>V</b>				
STA2023	Statistics	<b>V</b>	>	<b>V</b>				
(Select one - Discrete Course)								
MAD2104	Discrete Math	<b>√</b>						
COT3100	Discrete Analysis <i>Preferred</i>	<b>√</b>	✓					
Programming Requirements								
COP1000	Principles of Computer Programming	<b>√</b>	✓.	<b>✓</b>				
(Select one – Programming Course)								
COP2800	Java Programming	<b>√</b>	✓					
COP2360	C# Programming	<b>√</b>	<b>√</b>	<b>✓</b>				
Other Requirements								
(Select one -	- Linux Course)							
CT52321	Linux Systems Admin	<b>√</b>	✓.					
CT53348	Linux Administration <i>Preferred</i>	<b>√</b>		<b>✓</b>				
(Select one – Digital Course)								
CET1112C	Digital Fundamentals	<b>√</b>	✓.	<b>√</b>				
CET3116	Digital Technology <i>Preferred</i>	<b>√</b>	<b>√</b>	<b>&gt;</b>				
(Select one - Circuits Course)								
EET3085/L	Electricity/Electronics	<b>√</b>	<b>√</b>	<b>√</b>				
EET3086	Electrical Circuits <i>Preferred</i>	<b>√</b>	>	<b>√</b>				
EET1011C	Electrical Circuits	<b>V</b>	<b>√</b>					
PHY2049C	Physics with Calculus II		<b>V</b>					
	rad riations							

## **Lower Level Tech Electives**

Students must complete **44** approved hours of lower level technical coursework.

	Requirements (42 hours)			
Courses	Classes	FA	SP	SU
GEB 3213	Business Writing	√	✓.	√
CIS 4250	Ethical Issues in IT PR: GEB3213	1		✓
COP 3530	Data Structures PR: COP2800 or COP2001C or COP2220 or COP2360	<b>√</b>	<b>√</b>	
CEN 3722	Human Computer Interfaces PR: COP2800 or COP2001C or COP2220 or COP2360	<b>√</b>		√
COP 4708	Applied Database I PR: COP2800 or COP2001C or COP2220 or COP2360	1	<b>√</b>	<b>V</b>
COP 4610	Operating Systems PR:CTS2321 or CTS3348	✓	<b>√</b>	
CIS 4360	Applied Cybersecurity PR: CTS3348 or CTS2321 & CET1600 or CNT3104	<b>√</b>	<b>V</b>	1
CNT 3104	Introduction to Telecom PR: EET1011C & EET1021C or EET3086	1		1
CNT 4007	Data Communications PR: CNT3104 & STA2023	1	✓	
CNT 4703	Voice/Data Networks PR: CNT4007	1		√
CDA 4101	Computer Org and Design PR: CET1112C or CET3116	✓	<b>√</b>	
CEN 4801	Systems Integration PR: CNT3104 & COP3530	✓		
CEN 4010	Software Engineering PR: COP3530		✓	
COP 4813	Web Systems I PR: COP3530	√		
CI54510	IT Project Management PR: CEN4801 Jucation Requirements		✓	

## General Education Requirements

You must complete the state required general education courses. This requirement is considered complete with an AA from a Florida State School. Two semesters of a foreign language completed in a Florida State School or transferred from a high school is also required.

<u>Must select two courses from one of the Advanced</u> Technical Certificates below (6 hours).

Courses	Classes	FA	SP	SU		
Advanced Technical Certificate in Web Systems Software Development						
COP4813	Web Systems I	✓				
COP4708	Applied Database I	✓	✓.	✓		
COP4834	Web Systems II		1			
COP4709	Applied Database II		1			
COP3530	Data Structures	✓	<b>√</b>			
CEN3722	Human Computer Interfaces	<b>√</b>		✓		
CIS4510	IT Project Management		✓			
Courses	Classes	FA	SP	SU		
Advanced Technical Certificate in Cybersecurity & Cyberforensics						
CET4860	Intro to Digital Forensics		1	1		
CET4861	Advanced Digital Forensics	✓				
CET4862	Network Forensics & Incident Response		<b>V</b>			
CT53348	Linux Administration	✓		1		
CI54360	Applied Cybersecurity	✓	✓	1		
CET4884	Security Methods & Practice	✓				

## Legend:

Prerequisites

**BSIT** Requirements

Upper Level Technical Electives (Web Systems
Software Development Certificate)
Upper Level Technical Electives (Cybersecurity &
Cyberforensics Certificate)

√ = Available

Not Offered