



**BSIT Program**

Prerequisites				
Courses	Classes	FA	SP	SU
<b>Mathematics Requirements</b>				
MAC1105	College Algebra	✓	✓	✓
MAC1114	Trigonometry	✓	✓	✓
MAC1140	Pre-calculus	✓	✓	✓
MAC2311C	Calculus I	✓	✓	✓
STA2023	Statistics	✓	✓	✓
<b>(Select one - Discrete Course)</b>				
MAD2104	Discrete Math	✓	█	█
COT3100	Discrete Analysis <i>Preferred</i>	✓	✓	█
<b>Programming Requirements</b>				
COP1000	Principles of Computer Programming	✓	✓	✓
<b>(Select one – Programming Course)</b>				
COP2800	Java Programming	✓	✓	█
COP2360	C# Programming	✓	✓	✓
<b>Other Requirements</b>				
<b>(Select one – Linux Course)</b>				
CTS2321	Linux Systems Admin	✓	✓	█
CTS3348	Linux Administration <i>Preferred</i>	✓	█	✓
<b>(Select one – Digital Course)</b>				
CET1112C	Digital Fundamentals	✓	✓	✓
CET3116	Digital Technology <i>Preferred</i>	✓	✓	✓
<b>(Select one - Circuits Course)</b>				
EET3085/L	Electricity/Electronics	✓	✓	✓
EET3086	Electrical Circuits <i>Preferred</i>	✓	✓	✓
EET1011C	Electrical Circuits	✓	✓	█
PHY2049C	Physics with Calculus II	█	✓	█
<b>Lower Level Tech Electives</b>				
Students must complete <b>44</b> 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	✓	█	✓
COP 3530	Data Structures PR: COP2800 or COP2001C or COP2220 or COP2360	✓	✓	█
CEN 3722	Human Computer Interfaces PR: COP2800 or COP2001C or COP2220 or COP2360	✓	█	✓
COP 4708	Applied Database I PR: COP2800 or COP2001C or COP2220 or COP2360	✓	✓	✓
COP 4610	Operating Systems PR:CTS2321 or CTS3348	✓	✓	█
CIS 4360	Applied Cybersecurity PR: CTS3348 or CTS2321 & CET1600 or CNT3104	✓	✓	✓
CNT 3104	Introduction to Telecom PR: EET1011C & EET1021C or EET3086	✓	█	✓
CNT 4007	Data Communications PR: CNT3104 & STA2023	✓	✓	█
CNT 4703	Voice/Data Networks PR: CNT4007	✓	█	✓
CDA 4101	Computer Org and Design PR: CET1112C or CET3116	✓	✓	█
CEN 4801	Systems Integration PR: CNT3104 & COP3530	✓	█	█
CEN 4010	Software Engineering PR: COP3530	█	✓	█
COP 4813	Web Systems I PR: COP3530	✓	█	█
CIS4510	IT Project Management PR: CEN4801	█	✓	█
<b>General Education Requirements</b>				
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.				

**Must select two courses from one of the Advanced Technical Certificates below (6 hours).**

Courses	Classes	FA	SP	SU
<b>Advanced Technical Certificate in Web Systems Software Development</b>				
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	█	✓	█
Courses	Classes	FA	SP	SU
<b>Advanced Technical Certificate in Cybersecurity &amp; Cyberforensics</b>				
CET4860	Intro to Digital Forensics	█	✓	✓
CET4861	Advanced Digital Forensics	✓	█	█
CET4862	Network Forensics & Incident Response	█	✓	█
CTS3348	Linux Administration	✓	█	✓
CIS4360	Applied Cybersecurity	✓	✓	✓
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