

A.A.S. in CYBER SECURITY (2312) 60 Credits

Essex County College, METCS Division – Curriculum Guide

STUDENT: _____

ID#: _____

General Education Requirements (20 Crs.)		Crs.	✓
Written & Oral Communications (6 Crs.)			
ENG 101	College Composition I	3	
ENG 102 or 105	Choose One	3	
Quantitative Knowledge & Skills (8 Crs.)			
MTH 100	Introduction to College Mathematics	4	
MTH 113, 119, 120, 121, 122, 127; BIO 101, 102, 103, 104, 121, 122; CHM 101, 102, 103, 104; PHY 101, 102, 103, 104, 113, 114;	Choose One MTH course 113 or higher Or One Lab Science Course	4	
Society & Human Behavior (3 Crs.)			
E.g., ANT 101, 105; ECO 101, 102; POL 101, 104; PSY 101, 102, 219; SOC 101, 108, 219	Choose One Social Science General Education Course	3	
Historical Perspective (3 Crs.)			
E.g., HST 101, 102, 111, 112, 121, 122, 131, 132, 134, 135, 136, 137, 161, 162	Choose One History Course	3	
Major Requirements (30 Crs.)			
CSC 104	Network Fundamentals	3	
CSC 113	Introduction to Linux/Unix Operating System	4	
CSC 114	Computer Networks I	4	
CSC 116	Introduction to Computer & Network Security	4	
CSC 137	Introduction to Programming in Java	3	
CSC 214	Computer Networks II	4	
CSC 226	Network Defense & Countermeasures	4	
CSC 230	Computer and Internet Forensics	4	
Additional Requirements (10 Crs.)			
CSC 253	Introduction to System & Cloud Administration	4	
HIT 102 or CSC 223	Approved Ethics Course or Ethics and Computer Technology	3	
CSC 250 or 260	CSC 250 IT Capstone Project Or CSC 260 Internship or Approved Technical course	3	
Total Credits Required		60	

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