

Cybersecurity

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE Cybersecurity Option	WESTERN NEW ENGLAND UNIVERSITY Information Technology
GRADUATION REQUIREMENTS	EQUIVALENT COURSES
Semester 1	
CIT 101 CIT Foundations	***see below
CMP 106 Computer Basics: Conc. & Apps.	General Elective
CIT 115/L Python Programming	***see below
ENG 101 English Composition 1	ENGL 132 English Composition I
General Math Elective: MAT 115 Statistics (<i>recommended</i>)	MATH 120 Statistics
Semester 2	
CIT 130 UNIX	IT 230 Introduction to OS/Scripts
CIT 120 Windows	General Elective
CIT 160 Networks Foundations	IT 250 Data Communications and Networks
General Math Elective	General Elective
ENG 102 Comp 2: Intro. to Literature (<i>recommended</i>)	ENGL 133 English Composition II
Semester 3	
CIT 165/L Networks Cloud, Virtualization and Infrastructure	IT 300 Level Elective (General Elective)
CIT 250 Internet/Network Security 1	IT 330/CYBR 230 Fundamentals of Cybersecurity (IT Technical Elective)
Humanities Elective; Any ART, DMP or MUS Course (<i>recommended</i>)	Creative Expression Requirement
Two of the following: CIT 117/L Python Programming 2 (<i>recommended</i>) CIT 131 UNIX 2 (<i>recommended</i>)	CSIT 102 Introduction to Programming IT 310 System Operation & Admin.
Semester 4	
CIT 251 Advanced Information Security Topics	CYBR 445 Cybersecurity Operations (IT Tech Elective)
CIT 252 Information Security Foundations	IT Tech Elective (General Elective)
CIT 162 Networks Configuration and Design	IT 460 Adv. Topics in Network Admin. (General Elective)
Behavioral/Social Elective: Any ECN, PSY or SO course (<i>recommended</i>)	Social Systems Requirement
General Education Elective: Any HIS course (<i>recommended</i>)	Citizenship, Identity & Community Requirement

*** It is strongly recommended students take CIT 131 Unix 2, however to allow for greater flexibility in the program students should consider taking CIT 201/201L Database Systems as well. It is recommended students take CIT 101, CIT 115/L and CIT 117/L to stay on sequence with the WNE IT program, and to earn credit for CSIT 101, CSIT 102 and a general elective.