

Computer Science

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE Computer Science Transfer Option	WESTERN NEW ENGLAND UNIVERSITY Computer Science
GRADUATION REQUIREMENTS	EQUIVALENT COURSES
Semester 1	
CSC 113/L - Intro to Python Programming	General Elective
MAT 131 Calculus 1	MATH 133 Calculus 1
ENG 101 English Composition 1	ENGL 132 English Composition I
CSC 100/100L Intro, to Comp Science (<i>recommended</i>)	CS 101 Intro to Computing
Semester 2	
CSC 114/L - Intermediate Topics in Python	CS 102 Intro to Programming
MAT 132 Calculus 2	MATH 134 Calculus II (General Elective)
PHY 231/231L Classical Physics 1	PHYS 133 Mechanics
ENG 102 Composition 2: Intro to Literature	ENGL 133 English Composition II
Humanities Elective; Any ART, DMP or MUS Course (<i>recommended</i>)	Creative Expression Requirement
Semester 3	
CSC 210/210L Computer Org. & Digital Logic	CPE 271 Digital Design
CSC 220/220L Data Structures and Algorithms	CS 200 Data Structures
PHY 232/232L Classical Physics 2	PHYS 134 Electricity and Magnetism
Behavioral/Social Elective: Any ECN, PSY or SO Course (<i>recommended</i>)	Social Systems Requirement
Semester 4	
MAT 220 Discrete Structures (<i>recommended</i>)	MATH 251 Advanced Discrete Mathematics
Behavioral/Social Science Elective: Any HIS Course (<i>recommended</i>)	Citizenship Identity & Community Requirement
CSE 220 Computer Network & Security (<i>recommended</i>)	IT 330/CYBR 230 Fundamentals of Cybersecurity
Humanities Elective: PHL 101 or PHL 110 (<i>recommended</i>)	Citizenship Identity & Community Requirement

**Students will receive credit for CS/IT 101 if CSC 113, CSC 114 and CSC 220 are completed.