Computer Science

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE Computer Science Transfer Option	WESTERN NEW ENGLAND UNIVERSITY Computer Science
GRADUATION REQUIREMENTS	**EQUIVALENT COURSES**
Semester 1	
CSC 111/111L Intro. to Java Programming Language	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 *(recommended)*	CS 101 Intro to Computing
Semester 2	
CSC 112/112L Intermediate Topics in Java Prog.	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
Elective: Humanities	* see below
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
Elective: Behavioral/Social Science	* see below
Semester 4	
MAT 220 Discrete Structures *(recommended)*	MATH 251 Advanced Discrete Mathematics
Elective: Behavioral/Social Science	General Elective
CSE 150 Linux Command & Shell Programming (or) CSE 220 Computer Network & Security *(recommended)*	IT 230 Intro to Operating systems and Script Development (General Elective) IT 330 Fundamentals of Cybersecurity
Elective: Humanities	* see below

This is not an articulation agreement. This chart should serve as a reference for Springfield Technical Community College students who eventually plan to transfer to Western New England University. We hope that this will aid you in working towards your academic goals and maximize the transfer credit applied towards a degree at Western New England University. Please reference our University Catalogue for additional information. A maximum of 70 semester hours may be transferred from two-year institutions.

* The following Springfield Technical Community College courses will count towards satisfying Western New England University's general University requirements, referred to as Perspectives of Understanding: Any three credit arts, music or theatre course (one); any history course (one); any economics, political science, PSY 101 General Psychology, or SOC-101 Intro. to Sociology course (one).