

# Information Technology

BERKSHIRE COMMUNITY COLLEGE Networking and Cybersecurity	WESTERN NEW ENGLAND UNIVERSITY Information Technology
GRADUATION REQUIREMENTS	EQUIVALENT COURSES
<b>Semester 1</b>	
CIS 102 Fundamental Computer Literacy	**CS/IT 101 Intro to Computing
CIS 124 C++ Programming I	General Elective
CIS 110 IT Essentials	General Elective
English Composition ( <i>ENG 101 recommended</i> )	ENGL 132 English Composition I
Mathematics	General Elective
<b>Semester 2</b>	
CIS 125 C++ Programming II	CS/IT 102 Intro to Programming
CIS 180 Introduction to Networks	IT 250 Data Communications & Networks
CIS 181 Switching, Routing & Wireless Essentials	IT 360 Network Management & Operations
English Composition ( <i>Eng 102 recommended</i> )	ENGL 133 English Composition II
Any MUS or FAS course or THR 101 ( <i>recommended</i> )	Creative Expression Requirement
<b>Semester 3</b>	
CIS 155 Web Development	IT 240 Foundations of Web Systems
CIS 231 Computer Science I w/Java	General Elective
CIS 218 Enterprise Networking, Security & Automation	IT Tech Elective
CIS 222 Introduction to Cybersecurity	IT 330/CYBR 230 Cybersecurity Concepts
<b>Semester 4</b>	
CIS 242 Cybersecurity Operations	IT 435/CYBR 435 Cybersecurity Operations
Free Elective ( <i>Any HIS course recommended</i> )	Citizenship, Identity & Communication Requirement
COM 104 or COM 105 ( <i>recommended</i> )	Multimodal Communication Requirement
MAT 123 Elementary Statistics	MATH 120 Statistics
Behavioral & Social Science ( <i>Any ECO, HIS, PSY 107, SO 105, PHL 101 or PHL 102 course recommended</i> )	Social Systems or Citizenship, Identity & Community Requirement

\*\*CS/IT 101 will be fulfilled provided students complete CIS 125, CIS 180 and CIS 181