

Central Connecticut State University
School of Engineering, Science, and Technology

Degree: Bachelor of Science
Program: Networking Information Technology
Effective Term: Fall 2025

Name: _____

ID#: _____

General Education: Ways of Understanding:

Arts & Humanities (9 credits)

	Credits	Grade
Literature (International recommended)	3	

Social & Behavioral Sciences (12 credits)

History (International recommended)	3	
ECON 200 or ECON 201	X	
PSY 112 (recommended)	3	

Math & Natural Sciences (9-10 credits)

PHYS 111	X	
CHEM 161	X	
STAT 104	X	

General Education: Essential Skills:

Written & Oral Communication (6 credits)

WRT 105 or 110	3	
ENGR 290	X	

World Language (0-6 credits) or Gen Ed Free Elective (3 credits)

World Language course numbered 112 or 118* or Gen Ed Free Elective	3	
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Thriving in College (2-3 credits)

CCSU 102, 103, or FYE course**	2-3	
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A maximum of 16 credits(4 courses) applied towards Ways of Understanding and Essential Skills requirements may be used to fulfill a major and/or minor requirement.

International & Equity, Justice, & Inclusion (EJI) Requirements:

International	3	
International	3	
Equity, Justice, & Inclusion***	3	

Coursework applied toward International & EJI requirements may be used in any other area of general education or program requirements.

Honors Program: HON courses can be used to fulfill certain general education requirements. Consult the Honors Program curriculum for details.

Residency Requirements: A minimum of 30 credits overall must be completed in residence, with at least 15 credits in the major (at least 12 of which must be at the 300 level or above) and 9 credits in a minor at Central. In residence means attending classes conducted on campus or under supervision of Central.

Coursework applied toward Related or Additional requirements may be used in any other area of general education or program requirements.

Major Requirements (45 credits)

Requires grade of C- or higher, unless otherwise specified.

	Credits	Grade
CET 179 Basic Network Administration	3	
CET 223 Basic Electrical Circuits	3	
CET 229 Comp. Hardware Architecture	3	
CET 249 Introduction to Networking Technology	3	
CET 339 Comp. System Administration	3	
CET 349 Network Routing	3	
CET 363 Digital Circuits	3	
CET 439 Enterprise Messaging Systems	3	
CET 449 Advanced Networking	3	
CET 459 Network Security Technologies	3	
CET 479 Network Administration	3	
12 credits Directed Electives (advisor approved)	12	

Related Major Requirements (22 credits)

CET 113 Intro to Information Processing	3	
CEGT 200 Seminar	1	
CEGT 400 Internship & Senior Seminar	3	
TM 190 Global Quality Mgt Systems	3	
TM 362 Leading Project Teams	3	
AC 210 Accounting for Decision-Making or AC 211 Intro to Financial Accounting	3	
MGT 295 Fund. Of Management	3	
MKT 295 Fund. Of Marketing	3	

Additional Requirements (18 credits)

ECON 200 Principles of Macroeconomics or ECON 201 Principles of Microeconomics	3	
CHEM 161 General Chemistry	3	
PHYS 111 Introductory Physics I	3	
ENGR 290 Engineering Technical Writing & Presentation	3	
MATH 115 Trigonometry or MATH 116 Pre-Calculus Mathematics	3	
STAT 104 or STAT 200 or STAT 215	3	

Is a Minor Required with this Major?

Yes No

Free Electives may be used, as needed, to reach the total credits required for the degree when all other degree requirements have been met.

Total Credits Required for Degree: 120

* Students with 3 years, or more, of one world language at the high school level, a passing score on a world language placement exam, or native proficiency in a language other than English will have the World Language requirement waived and can satisfy this requirement with any general education free elective course (3cr).

** Transfer students with 24 or more transfer credits at the time of admission can satisfy this requirement with any general education free elective (3cr).

*** Waived for transfer students with 50 or more transfer credits at the time of admission.