

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

**Degree:** Bachelor of Science  
**Program:** Computer Engineering Technology  
**Effective Term:** Fall 2025

Name: \_\_\_\_\_

ID#: \_\_\_\_\_

**General Education: Ways of Understanding:**

**Arts & Humanities (9 credits)**

	Credits	Grade
Literature	3	

**Social & Behavioral Sciences (12 credits)**

	Credits	Grade
History	3	

**Math & Natural Sciences (9-10 credits)**

	Credits	Grade
MATH 135 or 152	X	
PHYS 121 or 125	X	
PHYS 122 or 126	X	

**General Education: Essential Skills:**

**Written & Oral Communication (6 credits)**

	Credits	Grade
WRT 105 or 110	3	
ENGR 290	X	

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

	Credits	Grade
World Language course numbered 112 or 118* or Gen Ed Free Elective	3	

**Thriving in College (2-3 credits)**

	Credits	Grade
CCSU 102, 103, or FYE course**	2-3	

*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:**

	Credits	Grade
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.

**Computer Engineering Technology Major Requirements (52 credits)**

	Credits	Grade
CET 201 Photonics Principles	3	
CET 229 Computer Hardware Applications	3	
CET 236 Circuit Analysis	3	
CET 243 Analog Electronics I	3	
CET 249 Introduction to Networking Tech	3	
CET 323 Analog Electronics II	3	
CET 339 Computer System Administration	3	
CET 349 Network Routing	3	
CET 346 Electrical System Analysis	3	
CET 363 Digital Circuits	3	
CET 449 Advanced Networking	3	
CET 453 Microcomputers	3	
CET 466 Logic Design	3	
CET 497 Capstone Project I	2	
CET 498 Capstone Project II	2	
3 Classes in Directed Electives from: CET 239, 301, 404, 405, 407, 439, 443, 459, 463, 479, CEGT 400, ET 251, 357, ETM 356, TM 362, 464, 490	9	

**Computer Engineering Technology Related Requirements (22 credits)**

	Credits	Grade
CET 113 Introduction to Information Processing	3	
CEGT 200 Seminar	1	
ENGR 150 Intro to Engineering	3	
CET 246 Electronic Design Automation	3	
CHEM 161 General Chemistry I	3	
STAT 104 Elementary Statistics	3	
CS 121 C Programming Practicum for Engineers	3	
CS 122 C++ Programming Practicum for Engineers	3	

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

**Computer Engineering Technology Additional Requirements (17-19 credits)**

	Credits	Grade
PHYS 121 Gen Physics I or PHYS 125 Univ Physics I	4	
PHYS 122 Gen Physics I or PHYS 126 Univ Physics I	4	
ENGR 290 Engineering Tech Writing and Presentation	3	
MATH 135 Appl Engineering Calc I or MATH 152 Calc I	3-4	
MATH 136 App Engineer Calc II or MATH 221 Calc II	3-4	

**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.