

Central Connecticut State University

1615 Stanley Street
New Britain, Connecticut 06050-4010

School of Engineering, Science and Technology

Department of
Computer Electronics & Graphics Technology
Effective: 2022

Name/ID: _____

Address: _____

BS Computer Engineering Technology

Major Requirements 43 Fall Sp

	Major Requirements	43	Fall	Sp
	CET 201 Photonics Principles	3	x	
	CET 229 Computer Hardware Applications	3	x	x
	CET 236 Circuit Analysis	3	x	x
	CET 243 Analog Electronics I	3	x	x
	CET 249 Introduction to Networking Tech	3	x	x
	CET323 Analog Electronics II	3	x	x
	CET 339 Computer System Administration	3	x	x
	CET 349 Network Routing	3	x	x
	CET 346 Electrical System Analysis	3		x
	CET 363 Digital Circuits	3	x	x
	CET 449 Advanced Networking	3	x	x
	CET 453 Microcomputers	3	x	
	CET 466 Logic Design	3	x	
	CET 497 Capstone Project I	2	x	x
	CET 498 Capstone Project II	2	x	x

Related Major Requirements 22

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

Directed Electives 9

9 Credits of Directed Electives that are related	
<input type="checkbox"/> CET 301 Fiber-Optics Communications	<input type="checkbox"/> CET 439 Enterprise Messaging Systems
<input type="checkbox"/> CET 402 Topics in Computer Electronics Technology	<input type="checkbox"/> CET 405 Applied Topics in CET
<input type="checkbox"/> CET 443 Electronic Communications	<input type="checkbox"/> CET 459 Network Security Technologies
<input type="checkbox"/> CET 463 Advanced Microcomputers	<input type="checkbox"/> CET 479 Network Administration
<input type="checkbox"/> CEGT 400 Internship and Senior Seminar	<input type="checkbox"/> ET 357 Strength of Materials
<input type="checkbox"/> ET 251 Applied Mechanics IStatics	<input type="checkbox"/> TM 362 Leading Project Teams
<input type="checkbox"/> ETM 356 Materials Analysis	<input type="checkbox"/> TM 490 Advanced Six Sigma Quality
<input type="checkbox"/> TM 464 Six Sigma Quality	

General Education

Study Area I -Arts and Humanities (9)

	Literature (I**) Eng 203 or Eng 204	3
		3
		3

Study Area II - Social Sciences (6)

	History (I**)	3
		3

Study Area III - Behavioral Sciences (6)

	PSY 112 **	3
		3

Study Area IV - Natural Scientific (8)

	PHYS 121-Gen Physics I or PHYS 125 - Univ Physics I	4
	PHYS 122-Gen Physics II or PHYS 126 - Univ Physics II	4

Skill Area I - Communication Skills (6)

	WRT 105 or WRT 110*	3
	ENGR 290	3

Skill Area II - Mathematical (6 - 8)

	MATH 135 - App Eng Cal I or MATH 152 Cal (4 cr)	3
	MATH 136 - App Eng Cal II or MATH 221 Cal II (4 cr)	3

Skill Area III - Foreign Language

3 sequential years of one foreign language at the high school level

_____ passed the foreign language exam.

_____ Completed 112 or 114 foreign language courses

_____ completed above 112 or 114 foreign language course demonstration of native proficiency in a language other than English

Skill Area IV - Univ. Requirements (2-3)

	PE 144 Fitness/ Wellness	2
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Total General Education 43

Free elective to meet 120 credits 1-3

Double counting Restriction - Of the courses taken in the major and minor/concentration, a total of two courses may be counted to fulfill the Study Areas portion of the general education program.

RESIDENCY REQUIREMENTS: A minimum of 30 credits at CCSU with 15 credits in the Major and 9 credits in the Minor or Concentration (total of 24 in Major).

* **Placement Exam**

** **Recommended**