

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:

Name/ID: _____

Address: _____

BS Computer Engineering Technology

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 (6-8)

_____	PHYS 121-Gen Physics I or PHYS 125 - Univ Physics I	3
_____	PHYS 122-Gen Physics II or PHYS 126 - Univ Physics II	3

Skill Area I - Communication Skills (6)

_____	ENG 105 or ENG 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
-------	--------------------------	---

Total General Education 41

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 Signals & Systems (Electric Systems 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

	Related Major Requirements	22	Fall	Sp
_____	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	tba	
_____	CHEM 161 General Chemistry I	3	x	x
_____	STAT 104 Elementary Statistics	3	x	x
_____	CS 151** Computer Science I	3	x	x
_____	CS 152** Computer Science II	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"/> CS 153 Computer Science III |
| <input type="checkbox"/> ET 251 Applied Mechanics I/Statics | <input type="checkbox"/> ET 357 Strength of Materials |
| <input type="checkbox"/> ETM 356 Materials Analysis | <input type="checkbox"/> TM 362 Leading Project Teams |
| <input type="checkbox"/> TM 464 Six Sigma Quality | <input type="checkbox"/> TM 490 Advanced Six Sigma Quality |

Free elective to meet 120 credits:

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 SA I - Eng 203 or 204