

# Central Connecticut State University

1615 Stanley Street  
New Britain, Connecticut 06050-4010

Department of  
Computer Electronics & Graphics Technology

Effective: \_\_\_\_\_

Name: \_\_\_\_\_  
I.D.# \_\_\_\_\_  
email: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

## BS - ELECTRONICS TECHNOLOGY

### General Education

#### Study Area I - Arts and Humanities (9)

_____	Literature	3
_____	_____	3
_____	_____	3

#### Study Area II - Social Sciences (9)

_____	ECON 201	3
_____	Historical	3
_____	_____	3

#### Study Area III - Behavioral Sciences (6)

_____	PSY 112 **	3
_____	_____	3

#### Study Area IV - Natural Scientific (6)

_____	PHYS 111 w/lab	3
_____	CHEM 111 w/lab	3

#### Skill Area I - Communication Skills (6)

_____	ENG 110*	3
_____	COMM 140	3

#### Skill Area II - Mathematical (6)

_____	STAT 104 *	3
_____	MATH 115 *	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
_____	_____	_____

### Major Requirements

#### Core Requirements (24 credits)

_____	IT190	Intro. to Quality Assurance	3
_____	IT401	Industrial Internship (480 hrs)	3
_____	IT310	Industrial Safety	3
_____	IT362	Leadership Skills	3
_____	AC210	Industrial Accounting	3
_____	ENG403	Technical Writing	3
_____	MGT295	Fundamentals of Management	3
_____	MKT295	Fundamentals of Marketing	3

24

#### Six credit designated "international"

met:  YES  NO

#### First Year Experience requirement

met:  YES  NO

#### Graduation Assessment

met:  YES  NO

#### Electives (to complete the required 122)

#### Major Requirements (31 total credits)

_____	CEGT 100 or FYE 101	Seminar First Year Experience	1
_____	CET113	Intro to Information Processing	3
_____	CET223	Basic Electrical Circuits	3
_____	CET233	Advanced Electrical Circuits	3
_____	CET323	Analog Circuits	3
_____	CET363	Digital Circuits	3
_____	CET443	Electronic Communication	3
_____	CET453	Microprocessors	3
_____	EMEC303	Electromechanical Converters	3
_____	MFG121	Technical Drafting & CAD	3
_____	CS 213 or CS 151	Computer Science I or Applications of Programming	3

31

#### Directed Electives (w/advisor) (8 credits)

_____	EMEC323	Mechatronics	3
_____	EMEC333	Data Acquisition & Control	3
_____	CET 466	Logic Design	3
_____	EMEC463	Programmable Logic Controls	3
_____	IT480	Robotics	3
_____	_____	_____	3

Directed Elective Total 8

General Education Electives 15

**TOTAL CREDITS 122**

**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 45 credits at CCSU with 15 credits in the Major and 9 credits in the Minor or Concentration (total of 24 in Major).

**NOTE:** Eligibility for high honors requires the student to earn 62 credits in residence at CCSU.

**\*Placement Exam**

**\*\*Recommended**

### Bachelor of Science in Electronics Technology

