

# Central Connecticut State University

1615 Stanley Street  
New Britain, Connecticut 06050-4010

Department of  
Computer Electronics & Graphics Technology

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

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

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

I.D.# \_\_\_\_\_

email: \_\_\_\_\_

## BS - ELECTRONICS TECHNOLOGY

### General Education

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

<input type="checkbox"/>	Literature	3
<input type="checkbox"/>		3
<input type="checkbox"/>		3

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

<input type="checkbox"/>	ECON 201	3
<input type="checkbox"/>	Historical	3
<input type="checkbox"/>		3

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

<input type="checkbox"/>	PSY 112 **	3
<input type="checkbox"/>		3

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

<input type="checkbox"/>	PHYS 111 w/lab	3
<input type="checkbox"/>	CHEM 111 w/lab	3

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

<input type="checkbox"/>	ENG 110*	3
<input type="checkbox"/>	COMM 140	3

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

<input type="checkbox"/>	STAT 104 *	3
<input type="checkbox"/>	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)

<input type="checkbox"/>	PE 144 Fitness/ Wellness	2
<input type="checkbox"/>		

### Major Requirements

#### Core Requirements (24 credits)

<input type="checkbox"/>	IT190	Intro. to Quality Assurance	3
<input type="checkbox"/>	IT401	Industrial Internship	3
<input type="checkbox"/>	IT310	Industrial Safety	3
<input type="checkbox"/>	IT362	Leadership Skills	3
<input type="checkbox"/>	AC210	Industrial Accounting	3
<input type="checkbox"/>	ENG403	Technical Writing	3
<input type="checkbox"/>	MGT295	Fundamentals of Management	3
<input type="checkbox"/>	MKT295	Fundamentals of Marketing	3

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#### 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 (39 total credits)

<input type="checkbox"/>	CET113	Intro to Information Processing	3
<input type="checkbox"/>	CET223	Basic Electrical Circuits	3
<input type="checkbox"/>	CET233	Advanced Electrical Circuits	3
<input type="checkbox"/>	CET323	Analog Circuits	3
<input type="checkbox"/>	CET363	Digital Circuits	3
<input type="checkbox"/>	CET443	Electronic Communication	3
<input type="checkbox"/>	CET453	Microprocessors	3
<input type="checkbox"/>	EMEC 114	Intro to Energy Processing	3
<input type="checkbox"/>	EMEC303	Electromechanical Converters	3
<input type="checkbox"/>	MFG121	Technical Drafting & CAD	3

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#### Directed Electives (w/advisor) (9 credits)

<input type="checkbox"/>	EMEC323	Mechatronics	3
<input type="checkbox"/>	EMEC333	Data Acquisition & Control	3
<input type="checkbox"/>	CET 466	Logic Design	3
<input type="checkbox"/>	EMEC463	Programmable Logic Controls	3
<input type="checkbox"/>	IT480	Robotics	3
<input type="checkbox"/>	CS151	Computer Science I	3
<input type="checkbox"/>	CS213	Applications of Programming	3

Directed Elective Total 9

Open Electives 15

**TOTAL 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

