

Sem. Entered _____

Advisor _____

Date _____

CENTRAL CONNECTICUT STATE UNIVERSITY
School of Technology
B.S. ED. TECHNOLOGY AND ENGINEERING EDUCATION K-12 / 130 Credits

Name: _____ ID# _____ Phone: _____

Address: _____ Cell#: _____

E-Mail: _____

General Education (45 - 52 credits)

Study Area I - Arts & Humanities (9 credits)

	Crs.	Grd.
Literature Elective	3	
	3	
	3	

Study Area II - Social Sciences (9 credits)

HIST 161 Hist of Am Life I or HIST 162 Hist of Am Life II	3	
TE 110 Technological Systems	3	
	3	

Study Area III - Behavioral Sciences (6 credits)

PSY 236 Life Span Dev.	3	
	3	

Study Area IV - Natural Sciences (6 credits)

PHYS 111 Introductory Physics I	3	
CHEM 111 Introductory Chemistry I	3	

SKILL AREAS

I. Communication Skills (6 credits)

ENG 110 Freshman Composition (P)	3	
COMM 115 Fnd of Com. or COMM 140 Public Spkg	3	

II. Mathematics (6 credits)

STAT 104 Elem. Statistics (P)	3	
MATH 119 Precalculus with Trigonometry (P)	4	

III. Foreign Language/International + (0-6 credits)

The Foreign Language Requirement can be met by:

- >taking 111 & 112 foreign language courses (same language)
- >3 sequential years of one foreign language at the high school level
- >passed a standardized foreign language exam
- >completion of 112 or 114 foreign language course
- >successful completion of an upper level foreign language course
- >demonstration of native proficiency in a language other than English

IV. Univ. Requirement (2-3 credits)

**PE 144	2/3	
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FREE ELECTIVES TO TOTAL 130 CREDITS

Major Courses in Technology Education (45 credits)

	Crs.	Grd.
TE 115 Electronic Portfolios and Assessment	3	
MFG 118 Introduction to Materials	3	
MFG 121 Technical Drafting and Cad	3	
ET 150 Introduction to Engineering Technology	3	
TE 155 Integrating Eng. Concepts for K-8 Students (P)	3	
CET 223 Basic Electrical Circuits (P)	3	
TE 215 Materials Processing (P)	3	
TE 221 Innovation and Invention (P)	3	
ET 241 Applied Statics and Strength of Mtls. for Design (P)	3	
TE 245 Building Design and Construction (P)	3	
TE 299 Technology & Engineering Ed. Practicum (P)	3	
TE 310 Communication Systems (P)	3	
TE 330 Transportation Design (P)	3	
TE 417 Robot Design, Construct. and Competition (P)	3	
TE 498 Tech. and Eng. Ed. Senior Design Project (P)	3	

Professional Courses (22 credits)

TE 399 Teaching Technology and Engineering Ed. (P)	3	
* TE 400 Professional Practices and Responsibilities (P)	3	
* EDTE 314 Principles of Learning	3	
* EDSC 375 Principles and Evaluation in Educ (K-12) (P)	3	
* EDF 400 Phil of Educ or EDF 415 Fnd of Educ	3	
* SPED 315 Educ Except Learner	3	
* RDG 440 Intro to Literacy	3	

Student Teaching Block: (12 credits)

* EDSC 414 Preliminary Student Teaching (TE)	6	
* EDSC 415 Student Teaching (TE)	6	

International Requirement	Met	
Foreign Requirement	Met	
First Year Experience Requirement	Met	

(P) There is a prerequisite to this course.

* Professional acceptance required prior to enrolling in this course.

** PE144 for students who enter with less than 15 sem. hours

CET 113 recommended for all other students

+ International area (I) requires 6 credits. Course(s) can be taken in another area. See catalog for Foreign Lang. Requirement.

TE - Technology Education

Note: Minor or Concentration **NOT** required for this program