Central Connecticut State University

School of Engineering and Technology

B.S.Ed. in Technology & Engineering Education (K-12)

130 credits

General Education (52 credits)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>met</th>
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<tr>
<td>Two international courses</td>
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<tr>
<td>Foreign Language requirement</td>
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Technology Education (78 credits)

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<th>Requirement</th>
<th>met</th>
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<tr>
<td>PPST / PRAXIS I requirement (check one)</td>
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<td>Program checkpoints</td>
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Study Area I: Arts & Humanities

- Literature Elective: 200-level or above
  - study area I elective
  - study area I elective

Study Area II: Social Sciences

- HIST 161 OR HIST 162
- TE 110 Technological Systems
  - study area II elective

Study Area III: Behavioral Sciences

- PSY 236 Life Span Development
  - study area III elective

Study Area IV: Natural Sciences

- PHYS 111 Introductory Physics I
- CHEM 111 Introductory Chemistry I

Skill Area I: Communication Skills

- ENG 110 Freshman Composition (E)
- COMM 115 OR COMM 140

Skill Area II: Mathematics

- STAT 104 Elementary Statistics (E)
- MATH 115 Trigonometry (E)

Skill Area III: Foreign Language / Electives

- foreign lang. 111 OR elective
- foreign lang. 112 OR elective
- free elective

Skill Area IV: University Requirement

- PE144 for students who enter with less than 15 cr.;
- CET 113 (3 cr.) recommended for all other students

Major courses

- CET 223 Basic Electrical Circuits (P)
- ENGR 150 Introduction to Engineering
- ET 241 Applied Statics & Strength of Materials (P)
- MFG 121 Technical Drafting and CAD
- MFG 216 Manufacturing Processes (P)
- TE 115 Electronic Portfolios and Assessment
- TE 155 Integrating Engineering Concepts for K-8 (P)
- TE 215 Materials Processing
- TE 221 Innovation and Invention (P)
- TE 245 Building Design and Construction (P)
- TE 299 Technology & Engineering Practicum (P)
- TE 310 Communication Systems (P)
- TE 330 Transportation Design (P)
- TE 417 Robot Design, Construction and Competition (P)
- TE 498 Senior Design Project (P)

Pre-professional courses

- TE 399 Teaching Technology & Engineering (P)
- EDTE 314 Principles of Learning

Professional courses

- TE 400 Professional Practices and Responsibilities (P)
- EDSC 425 Principles and Evaluation (K-12) (P)
- EDF 415 Foundations of Education
- SPED 315 Intro to Educating Learners with Exceptionalities
- RDG 440 Introduction to Literacy

Student-teaching semester

- EDSC 414 Preliminary Student Teaching
- EDSC 415 Student Teaching

Revised 04/16/09 / Effective Fall 2009

For more information:

Technology Education office: (860) 832-1850
www.teched.ccsu.edu