## Engineering/Technology Teacher Education
### College of Technology

#### TTLI-ETTE-BS/TCED

120 Credits for graduation

**Name:** __________________________  **PUID:** __________________________  **Date:** __________________________

### Departmental/Program Major Courses (22 credits)

1. IT 11100 Prototyping in Engineering/Technology Education
2. IT 27200 Gateway to Engineering/Technology Teacher Education
3. IT 27500 Teaching the T & E of STEM
4. IT 37100 Instructional Planning & Evaluation
5. IT 37700 Teaching Design & Innovation I
6. IT 47000 Teaching Design & Innovation II
7. IT 47100 Managing the Technology Education Laboratory
8. IT 47200 Methods of Teaching Technology Education

### Other Departmental /Program Course Requirements (86 credits)

1. MA 15300 Algebra & Trigonometry I *(satisfies Quantitative Reasoning for core)*
2. MA 15400 Algebra & Trigonometry II
3. Lab Science Foundation Selective¹ *(satisfies Science for core)* (See Supplemental Information)
4. Science Foundation Selective² *(satisfies Science for core)* (See Supplemental Information)
5. PHYS 21800 General Physics
6. TECH 12000 Design for Technology *(satisfies Science, Technology & Society Selective and Information Literacy for core)*
7. TECH 32000 Technology and the Organization
8. TECH 33000 Technology and the Global Society
9. SOC 10000 Introductory Sociology
10. PSY 12000 Elementary Psychology
11. COM 11400 *(satisfies Oral Communication for core)*
12. Written Communication Foundation Selective³ *(satisfies Written Communication for core)* (See Supplemental Information)
13. Advanced Communication Selective⁴ (See Supplemental Information)
14. Advanced Communication Selective⁵ (See Supplemental Information)
15. CGT 11000 Technical Graphics Communication
16. ECET 22400 Electronic Systems
17. EDCI 20500 Exploring Teaching as a Career
18. EDCI 27000 Introduction to Educational Technology and Computing
19. EDCI 28500 Multiculturalism and Education *(satisfies Human Culture Behavioral/Social Science for core)*
20. EDCI 30900 Reading In Middle and Secondary Schools: Methods and Problems
21. EDPS 23500 Learning and Motivation
22. EDPS 26500 The Inclusive Classroom
23. EDCI 49808 Supervised Teaching

### Technical Electives* (12 credits) *(See Supplemental Information)*

1. (TE) __________
2. (TE) __________
3. (TE) __________
4. (TE) __________

### University Core Requirements *(http://www.purdue.edu/provost/initiatives/curriculum/course.html)*

<table>
<thead>
<tr>
<th>Human Cultures Humanities</th>
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<tr>
<td>Human Cultures Behavioral/Social Science</td>
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The student is ultimately responsible for knowing and completing all degree requirements.

MyPurdue Plan is knowledge source for specific requirements and completion.

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*Revised 5/6/2014 (effective Fall 2013)*
## Engineering/Technology Teacher Education

### Suggested Arrangement of Courses:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Fall 1st Year</th>
<th>Prerequisite</th>
<th>Credits</th>
<th>Spring 1st Year</th>
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*Fulfills University Core
1) 120 credits listed above are required for the ETTE Bachelor of Science degree.
2) • 3.0 Professional Education GPA required for Bachelor of Science degree, with at least a C- or higher.
3) ✓ 2.5 Core GPA required for Bachelor of Science degree.
4) 2.0 Graduation GPA required for Bachelor of Science degree.
5) Students must fulfill all Teacher Education Requirements. (See Supplemental Information)
6) 32 credits of upper division courses (30000 level or higher) must be taken at Purdue University, West Lafayette.
7) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, I AND IF).

See next page for all supplemental Information

******************************************************************************************************************

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ETTE Supplemental Information
All prerequisites must be met

1. **Lab Science Foundation Selective (3 credits)**
   Must be a lab from the approved UCC Science list: [http://www.purdue.edu/provost/initiatives/curriculum/course.html](http://www.purdue.edu/provost/initiatives/curriculum/course.html)
   - ASTR 26300 Descriptive Astronomy: The Solar System
   - ASTR 26400 Descriptive Astronomy: Stars and Galaxies
   - BIOL 11000 Fundamentals of Biology I
   - BIOL 11100 Fundamentals of Biology II
   - BIOL 12100 Biology I: Ecology, Diversity, & Behavior
   - BIOL 13100 Biology II: Dev, Structure & Function of Organisms
   - BIOL 13500 First year Biology lab
   - BIOL 20300 Human Anatomy and Physiology
   - BTNY 11000 Intro to Plant Science
   - CHM 11100 General Chemistry
   - CHM 11200 General Chemistry
   - CHM 11500 General Chemistry
   - CHM 11600 General Chemistry
   - CHM 12500 Introduction to Chemistry
   - CHM 12600 Introduction to Chemistry II
   - CHM 12600 Fund of Chemistry
   - CHM 13600 General Chemistry Honors
   - EAPS 10900 The Dynamic Earth
   - EAPS 11000 Physical Geology
   - EAPS 11000 Earth Through Time
   - EAPS 24300 Earth Materials I
   - EAPS 24400 Earth Materials II
   - HORT 10100 Fundamentals of Horticulture
   - PHYS 17200 Modern Mechanics
   - PHYS 21800 General Physics I
   - PHYS 21900 General Physics II
   - PHYS 22000 General Physics
   - PHYS 24100 Electricity & Optics
   - PHYS 27200 Electric & Magnetic Interactions

2. **Science Foundation Selective (3 credits)**
   See approved UCC Science list at: [http://www.purdue.edu/provost/initiatives/curriculum/course.html](http://www.purdue.edu/provost/initiatives/curriculum/course.html)

3. **Written Communication Foundation Selective (minimum 3 credits)**
   - ENGL 10600 First-Year Composition
   - ENGL 10800 Accelerated First-Year Composition

4. **Advanced Communication Selective (6 credits)**
   - COM 31400 Advanced Presentational Speaking
   - COM 31500 Speech Communication of Technical Information
   - COM 31800 Principles of Persuasion
   - COM 32000 Small Group Communication
   - COM 32400 Intro to Organizational Communication
   - COM 32500 Interviewing Principles and Practice
   - COM 41500 Discussion of Technical Problems
   - ENGL 30400 Advanced Composition
   - ENGL 30600 Intro Professional Writing
   - ENGL 42000 Business Writing
   - ENGL 42100 Technical Writing

5. **Technical Elective (12 credits)**
   Any non-required College of Technology or Engineering (ENGR) course

6. **Teacher Education Requirements**
   1. Basic Skills Competency Tests Assessment  
      Date: ________
   2. Content Tests  
      Date: ________
   3. **GATE A: Admission to Teacher Education Program (TEP)**  
      Date: ________  
      EDCI 20500, EDCI 28500, EDPS 23500, EDPS 26500 (Blocks 1 and 2)
   4. **GATE B: Retention**  
      Date: ________  
      IT 47100, IT 47200 (Block 3)
   5. **Criminal History Background Check:** A current Criminal Background Check must be on file in the Office of Field Experiences (OFE).
   6. **Student Self-Disclosure Statement:** The Student Self-Disclosure Statement is submitted to OFE at the start of a Foundational course in which you complete a course-related field experience placement, EDCI 20500 or EDPS 23500 or EDPS 26500. For additional information please visit [http://www.education.purdue.edu/fieldexp/students/index.htm](http://www.education.purdue.edu/fieldexp/students/index.htm).