RESIDENTIAL
TRANSITION TO TEACHING

ENGINEERING TECHNOLOGY TEACHER EDUCATION
License: Technology Education
Grade Levels 5-12
REPA 3

PROGRAM AREA CONTACT: Nathan Mentzer (nmentzer@purdue.edu)

PROGRAM ADMISSION ELIGIBILITY PATHWAYS
To be eligible for program admission one (1) of the following entrance qualifications must be met:
1. Baccalaureate degree from an accredited postsecondary educational institution in the subject area that the individual intends to teach with a grade point average of at least 3.0 on a 4.0 point scale; or
2. Graduate degree from an accredited postsecondary educational institution in the subject area or related field in which the person wants to teach; or
3. Both a baccalaureate degree from an accredited postsecondary educational institution in the subject area that the individual intends to teach with a grade point average of at least 2.50 on a 4.0 point scale, and five (5) years of professional experience; or
4. Both a baccalaureate degree from an accredited postsecondary educational institution, and proof of passing state approved content area examination(s) in the subject area.

To Qualify Under Pathways #1 and #2
A. Select one subject/content area from the list of available TTT program options.
B. Verify that the chosen subject/content area corresponds to the major subject area stated on prior degree(s). If only a bachelor's degree is held, overall GPA must be at least 3.00/4.00.

To Qualify Under Pathway #3
A. Select one subject/content area from the list of available TTT program options.
B. Hold prior degree(s) in the content area in the specific TTT subject/content choice with an overall GPA range between 2.5-2.9 out of 4.0.
C. Provide five years of documented work experience in the specific TTT subject/content choice.

To Qualify Under Pathway #4
A. Select one subject/content area from the list of available TTT program options.
B. Hold prior degree(s) in any subject area with no GPA minimum.
C. For TTT Program Admission, successfully pass the ETS Praxis Secondary Subject/Content Exam.

PROGRAM, EXAMINATION, AND LICENSURE REQUIREMENTS
1. Meet one of the Program Eligibility Pathways above.
2. Select one subject/content area from this list of available TTT program options.
3. Receive and reference the Transcript Evaluation and Credential Review (TECR) with assigned faculty, staff, and/or licensure advisor(s).
4. Apply to and be admitted to the TTT Program via Purdue Online/Graduate School.

5. Proceed with and complete coursework listed on TECR with no grade lower than a C and GPA 3.0/4.0.
6. Before the internship attempt the ETS Secondary Praxis Content Exam in the identical TTT program choice.
7. Pass the appropriate content exam if passing was not a requirement of admission, along with the ETS Secondary Education Pedagogy Exam prior to applying for an Indiana Initial Instructional License.
8. For Career and Technical Education content areas, meet clock hours requirement for licensure.
9. If desired, add secondary subject/content areas by passing content exams (Grades 5-12), except those areas that require additional coursework.
10. For all testing, be sure to code Purdue University (1631) as a score recipient. Scores are only official if received directly from the test vendor, ETS.

Content Knowledge Assessed/Transcript Evaluation

Engineering/Technology Teacher Education Residential TTT applicants will be required to demonstrate knowledge and application of the following Technology content areas:

- Communication Technology (Communication System, Sketching, Computer-Aided Drafting, Application of Communication Processes, Electronic Media)
- Construction Technology (Architecture, Construction Systems and Resources, Application of Construction Processes, Statics and Strength of Materials)
- Design Technology (Engineering Design Process, Parametric Modeling)
- Manufacturing Technology (Manufacturing Systems and Resources, Application of Manufacturing Processes)
- Power and Energy (Energy Systems, Control Systems, Mechanisms, Basic Electricity, Basic Electronics, Digital Electronics) Transportation Technology (Transportation Systems)
- Transportation Technology (Transportation Systems)

PROFESSIONAL EDUCATION   Credit Hours

C or above is required as the final grade in all graduate-level courses.

Core Courses

EDCI	58500	Multicultural Education[1]	3
EDCI	59600	Transition to Teaching: Pedagogy I[1]	3
EDCI	59700	Transition to Teaching: Pedagogy II[1]	3

Content Pedagogy Courses

Select two of the following ETTE-specific pedagogy courses: 6

TLI	46100	Engineering/Technology Teacher Lab Planning [2]
TLI	46200	Methods of Teaching Engineering/Technology Education [2]
TLI	36100	Engineering and Technology Education Instructional Planning and Evaluation

Additional Content Pedagogy Course selectives may be available after consultation with a faculty advisor in ETTE.

Student Teaching

EDCI 69500 Internship in Education includes teaching full-time for 16 weeks.

EDCI   69500   Internship in Education   3

                                                                                                Total 18

[1] *This course will be offered online only.*

[2] *TLI 46100 and TLI 46200 may be used on the student's graduate plan of study if they are*

Licensure Information

All Purdue University Program and Indiana Department of Education requirements must be met for recommendation for Indiana licensure.

After all requirements are met, Purdue graduates will be considered eligible to apply to the Indiana Department of Education for licensure under REPA 3 in:

Technology Education 5-12

Visit the Indiana Department of Education website for more information about what courses can be taught once licensed in this area.

Please reference the 2023-2024 Technology Education Guidelines and Requirements and the 2023-2024 Technology Education Checklist for more information.