RESIDENTIAL
TRANSITION TO TEACHING PROGRAM

NOT VALID WITHOUT OFFICIAL TRANSCRIPT EVALUATION

ENGINEERING TECHNOLOGY
TEACHER 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. A graduate degree in the subject area you wish to teach.
2. A bachelor's degree with a GPA of at least 3.00/4.00 in the subject area you wish to teach.
3. A bachelor's degree with a GPA of 2.50/4.00 and 5 years of professional work experience in the subject area you wish to teach.
4. A bachelor's degree and a passing score on the ETS Praxis Secondary Subject/Content Exam in the subject area you wish to teach.

Compatible Areas/Acceptable Undergraduate Majors

Various Engineering/Technology-related fields of study such as Aeronautical Technology, Architecture, Computer Graphics Technology, Computer Integrated Manufacturing Technology, Construction Technology, Electrical Engineering Technology, Engineering, Engineering Technology, Industrial Design, Industrial Technology, Manufacturing Technology, Mechanical Engineering Technology, and Technical Graphics.

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)

PROFESSIONAL EDUCATION			Credit Hours
EDCI	59600	Transition to Teaching: Pedagogy I	3
EDCI	58500	Multicultural Education **or**	3
EDPS	53000	Advanced Educational Psychology (3)	
TLI	46100	Engineering/Technology Teacher Lab Planning[1]	3
TLI	46200	Methods of Teaching Engineering/Technology Education[1]	3
TLI	36100	Engineering And Technology Education Instructional Planning And Evaluation	3
EDCI	69500	Internship in Education[2]	3
			Total 18

[1]TLI 46100 and TLI 46200 may be used on the student's graduate plan of study if they are followed by an appropriate 60000-level course, EDCI 69500 – Internship in Education.
[2]The EDCI 69500 Internship in Education spans 16 weeks.
C- or above is required as the final grade in all graduate-level courses