

Technology Education

License: Technology Education

Grade Levels 5-12
REPA 3

Purdue University Course Catalog 2023-2024

Credit Hours
45

CONTENT

3.0 ETTE Content GPA required for all courses listed below.

Required Courses

CGT	10301	Geometric Modeling Applications	3
ECET	22400	Electronic Systems	3
TECH	12000	Design Thinking in Technology	3
TLI	16100	Prototyping in Engineering/Technology Education	3
TLI	26200	Foundations of Integrated STEM Education	3
TLI	26500	Teaching the TE of STEM	3
TLI	36100	Engineering and Technology Education Instructional Planning and Evaluation ¹	3
TLI	36700	Teaching Design and Innovation I	3
TLI	46000	Teaching Design and Innovation II	3
TLI	46100	Engineering/Technology Teacher Lab Planning	3
TLI	46200	Methods of Teaching Engineering/Technology Education ¹	3

EDCI 55800 may substitute for TLI 46200 if TLI 46200 is not available to the student. If TLI 46200 is offered, EDCI 55800 may be substituted at the ETTE Program Chair's discretion. When the Chair's discretion is used, written permission from the program chair will be required prior to enrollment in the course.

¹ *These courses are also teaching methods courses.*

Technical Electives

Technical electives may include any Polytechnic Institute course, except for Organization Leadership (OLS) classes. Engineering, Forestry, and Agricultural Systems may also be used. The elective courses may all be in one area, or they can come from a variety of areas.

12

Credit Hours
38-48

PROFESSIONAL EDUCATION

All Professional Education courses, including University Concentration courses, are calculated into the Professional Education GPA ("B" average with no grade lower than a "C")

Required for TEP Admission

EDCI	20500	Exploring Teaching as a Career	2
EDCI	28500	Multiculturalism and Teaching	2
EDST	20010	Educational Policies and Laws	1

Core Courses

EDCI/EDPS	20001	Special Populations Seminar: Focus On Students with Disabilities and Differentiation Approaches	1
EDCI/EDPS	20002	Special Populations Seminar: English Language Learners and Students with Gifts and Talents	1
EDCI	27000	Introduction to Educational Technology and Computing	1
EDCI	30900	Reading in the Middle and Secondary Schools: Methods and Problems	1-3
EDCI	35000	Community Issues & Applications for Educators	1-3
EDCI	37001	Teaching and Learning English as a New Language	2-3
EDPS	23500	Learning and Motivation	2-3
EDPS	24000	Children with Gifts, Creativity, and Talents	1
EDPS	24800	Differentiating Curriculum and Instruction	1
EDPS	26501	The Inclusive Classroom	2
EDPS	32700	Classroom Assessment	1-3
EDPS	36201	Positive Behavioral Supports	2-3
EDPS	43010	Secondary Creating and Managing Learning Environments	2-3

Student Teaching

Completion of education methods courses and other Milestone requirements for the major area and admittance to teacher education required prior to this course.

EDCI	49800	Supervised Teaching	12
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University Concentrations

Choose one course from the concentrations below that was not already taken as a required course. Students can elect to take additional coursework to complete a full concentration if they choose, but it is not required.

<i>English Language Learners (Licensure Eligible)</i>			12-13
EDCI	37001	Teaching and Learning English as a New Language	2-3
EDCI	51900	Teaching English Language Learners	3
EDCI	52600	Language Study for Educators	3
EDCI	55900	Academic Language and Content Area Learning	3
EDCI/ EDPS	20002	Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts	1

High Ability (Licensure Eligible) 13-15

All courses must be completed with a B- or better average

EDCI/ EDPS	20001	Special Pop Sem: Focus on Students with Disabilities and Differentiation OR Special Pop Sem: Focus on Students with Disabilities and Differentiation	1
EDCI/ EDPS	20002	Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts	1
EDPS	24800	Differentiating Curriculum and Instruction	1
EDPS	49500	Practicum in Gifted, Creative, and Talented Education	3
EDPS	54200	Curriculum and Program Development in Gifted Education	3
EDPS	54500	Social and Affective Development of Gifted Students	3

Select one

EDPS	24000	Children with Gifts, Creativity, and Talents OR	1
EDPS	54000	Gifted, Creative, and Talented Children	3

Special Education (Non-Licensure) 12-13

EDCI/ EDPS	20001	Special Pop Sem: Focus on Students with Disabilities and Differentiation OR Special Pop Sem: Focus on Students with Disabilities and Differentiation	1
EDCI/ EDPS	20002	Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts	1
EDPS	21100	Special Education Law, Policy, and Ethical Guidelines	3
EDPS	26501	The Inclusive Classroom	2
EDPS	36201	Positive Behavioral Supports	2-3
EDPS	41700	Special Education Knowledge and Skills for General Educators	3

Applied Behavioral Analysis (Non-Licensure) 12

EDPS	34100	Analysis	3
EDPS	34200	Applied Behavior Analysis - Assessment and Intervention	3
EDPS	44100	Introduction to Ethics and Practice of Applied Behavior Analysis	3
EDPS	44200	Advanced Intervention in Applied Behavior Analysis	3

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
Addition in Blended and Online Teaching (5-12)**

Optional: Addition in High Ability (P-12) or ELL (P-12) if chosen university concentration requirements are complete

[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.