

**ENGINEERING TECHNOLOGY EDUCATION  
Grade Levels 5-12  
REPA 3**

<u>CONTENT</u>	<u>Semester Hours</u>
CGT 11000 Technical Graphics Communications	3
ECET 22400 Electronic Systems	3
TLI 16100 Prototyping in Engineering/Technology Education	3
TECH 12000 Design Thinking in Technology	3
<b>Technical Electives</b>	<b>12</b>
<p>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.</p>	
	<b>Total 24</b>

Twenty-one (21) hours of Methods courses are also counted toward Content GPA (marked with \*\*)

**PROFESSIONAL EDUCATION**

Foundational Courses

EDCI 20500 Exploring Teaching as a Career	3
EDCI 27000 Introduction to Education Technology and Computing	3
EDCI 28500 Multiculturalism and Education	3
EDPS 23500 Learning and Motivation	3
EDPS 26500 The Inclusive Classroom	3
EDST 20010 Educational Policies and Laws	1
EDPS 32700 Assessment Literacy	1-2
EDPS XXXXX Secondary Classroom Management course*	1

\*If EDPS XXXXX is offered, students should make every attempt to take EDPS 32700 for one (1) credit and EDPS XXXXX for one (1) credit. If EDPS XXXXX is not offered, EDPS 32700 should be taken for two (2) credits.

Methods Courses

EDCI 30900 Reading in Middle and Secondary Schools: Methods and Problems	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**	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**	3
EDCI 49800 Supervised Teaching	16

\*\*Courses also counted toward Content GPA.

**Total 55-56**