

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS CAREER CLUSTER

State-Designated Pedagogy Requirements *(Effective July 1, 2019)*:

- 7-12 PLT; or
- Practicum, internship, or student teaching 7-12; or
- 2 years of verified teaching experience in a 7-12 setting

Coursework Requirements:

15 Semester hours of coursework

- **Six credits in the following:**
 - 3 or more credits in robotics
 - 3 or more credits in engineering
- **Nine credits in one or more of the following areas:**
 - Aviation
 - Computer science/programming
 - Energy
 - Electronics

State-Designated Test Requirements:

Test #	Test Name	Cut Score	Effective Date
5051	Technology Education	154	07/14/2014

Preparations that can add this Endorsement:

Preparation	Pedagogy		CTE Methods		Test		Coursework
Early Childhood Preparation	X	AND	X	AND	X	OR	X
Elementary Preparation	X	AND	X	AND	X	OR	X
Secondary Preparation			X	AND	X	OR	X
CTE Preparation					X	OR	X
K-12 Preparation			X	AND	X	OR	X
Early Childhood SPED Preparation	X	AND	X	AND	X	OR	X
K-12 SPED Preparation			X	AND	X	OR	X

Assignment Codes:

Code	Assignment Description
13204	Advanced Machine Tooling Technology
21010	Advanced Mechatronics
21060	Alternate Energy Systems
21103	Architectural Drafting
20053	Aviation
21014	Bioprocess Engineering
11153	Digital Production for Entertainment
17106	Electronics
21007	Engineering Design and Development
12053	Entrepreneurship
21050	Grades 5-8 Introduction to STEM
13001	Intro to Manufacturing
21102	Introduction to Drafting and Design
20101	Introduction to Energy/Power
21001	Introduction to Engineering
21051	Introduction to Technology Education
11106	Journalistic Design
21106	Mechanical Drafting & Design
21009	Mechatronics/Robotics
21049	MS Mechatronics / Robotics