

ENGINEERING AND ROBOTICS CAREER PATHWAY

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

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:

9 Semester hours of coursework

- 3 or more credits in engineering
- 3 or more credits in robotics

State-Designated Test Requirements:

Test #	Test Name	Cut Score	Effective Date
NA	NA		

Other Requirements:

4000 Hours of Validated Work Experience in a Related Field within the previous five years		
Any field of engineering	Technical aspect of robotics	
ASSOCIATES DEGREE		
Robotics	Engineering Technology	
Mechatronics	Architectural Engineering Technology	
Civil Engineering Technology	Construction Management Technology	
Land Surveying Science Technology	Mechanical Engineering Technology	

Assignment Codes:

Code	Assignment Description	Code	Assignment Description
10152	Computer Programming	21007	Engineering Design and Development
10505	Academic Technology Enrichment K-8	21009	Robotics
13001	Introduction to Manufacturing	21014	Bioprocess Engineering
17106	Electronics	21102	Introduction to Drafting and Design
21001	Introduction to Engineering	21103	Architectural Drafting
21106	Mechanical Drafting & Design	22104	Service Learning
21014	Leadership and Service	22152	Employability