

MANUFACTURING 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

- 1 or more credits in sheet metal fabrication
- 1 or more credits in assembly
- 1 or more credits in blueprints
- 1 or more credits in mathematics

State-Designated Test Requirements (passage of one test):

Test #	Test Name	Cut Score	Effective Date
5279	NOCTI Welding	59.5	5/15/2017
5176	NOCTI Precision Machining AND AWS Certification	82.9	5/15/2017
5051	Technology Education AND AWS Certification	154	07/14/2014

Other Requirements:

OTHER	
Associates Degree	Manufacturing

Preparations that can add this Endorsement:

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

Assignment Codes:

Code	Assignment Description
13204	Advanced Machine Tooling Technology
13208	Advanced Welding Technology
11153	Digital Production for Entertainment
17106	Electronics
12053	Entrepreneurship
13001	Intro to Manufacturing
21102	Introduction to Drafting and Design
21051	Introduction to Technology Education
11106	Journalistic Design
13203	Machine Tool
21106	Mechanical Drafting & Design
21009	Mechatronics/Robotics
13207	Welding