

MANUFACTURING CAREER CLUSTER

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

State-Designated Pedagogy Requirements:

Test #	Test Name	Cut Score	Effective Date
5624	Principals of Learning and Teaching (7-12 PLT)	157	07/01/2012
Waiver of Pedagogy Test			7-12 PLT
The PLT test may be waived if verification of two or more years of state-certified teaching experience in the grade span of the endorsement is documented.			Experience in a 5-12 grade span

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

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

Other Requirements:

OTHER	
Associates Degree	Manufacturing

Assignment Codes:

Code	Assignment Description
12053	Entrepreneurship
13001	Intro to Manufacturing
13203	Machine Tool Technology
13204	Advanced Machine Tooling Technology
13207	Welding Technology
13208	Advanced Welding Technology
17106	Electronics
21102	Introduction to Drafting and Design
21106	Mechanical Drafting & Design
21009	Robotics
21051	Introduction to Technology Education
22101	Leadership and Service
22104	Service Learning
22152	Employability