

POWER STRUCTURAL AND TECHNICAL SYSTEMS CAREER PATHWAY

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 Preparation					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	Principles 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: One of the following

Test #	Test Name	Cut Score	Effective Date
NOCTI 5463	Building Construction Occupations	66.1	02/23/2026
NOCTI 5477	Small Engine Technology	68.3	02/23/2026
NOCTI 5479	Welding	55.1	02/23/2026

Coursework Requirements:

9 Semester hours of coursework including:
• 1 or more credits in ag mechanics
• 1 or more credits in ag power technology
• 1 or more credits in ag structures
• 1 or more credits in ag metal fabrication

Other Requirements:

4000 Hours of Validated Work Experience in a Related Field within the previous five years		
Diesel Mechanic	Agricultural Engineer	Machine Operator

Assignment Codes:

Code	Assignment Description	Code	Assignment Description
02993	Mathematics – Test Preparation	22110	AP Seminar
10004	Workplace Technology Skills	22151	Career Exploration
18401	Fundamental Ag Mechanical Technologies	22152	Employability
18402	Ag Systems Technology	22250	Exploratory
18404	Ag Metal Fabrications Technology	22990	JAG – Middle School
18407	Advanced Ag Structures Technology	22991	JAG – High School
22001	Standardized Test Preparation	25013	Life Management
22004	Dropout Prevention	80018	Youth Internships
22051	Office Aide (By Students)	80019	Senior Experience
22054	Tutoring (By Students)	80026	Entrepreneurship Experience
22101	Leadership and Service	80020	Youth Apprenticeship

22104	Service Learning	80033	E-Mentor (certified staff)
22106	Freshman Seminar		