MIAMI VALLEY CAREER TECHNOLOGY CENTER

Curriculum Plan 2026-2027

Program: Diesel Power Technologies

CTSO Primary: FFA

CTSO Secondary: SkillsUSA 2

Pathway: A1

WebXam: 05MC

Courses Offered

Level 1 Curriculum

Semester 1 Engines And Fuel Systems

Semester 2 Power Trains

Level 2 Curriculum

Semester 1 Electronics And Electrical Systems

Semester 2 Hydraulics And Pneumatics

Level 2-School-to-Work 2 Week Rotation Curriculum

Semester 1 Electronics And Electrical Systems

Semester 1 Pre-apprenticeship

Semester 2 Electronics And Electrical Systems

Semester 2 Pre-apprenticeship

Level 2-School-to-Work Half Day Curriculum

Semester 1 Pre-apprenticeship

Semester 2 Pre-apprenticeship

Level 2-Advanced Placement Curriculum

Semester 2 Pre-apprenticeship

College Credits Available

Name	College	Semester Hours Available
AU 126 Steering/Suspension	UNOH	2
AUT 1100 Consumer Automotive	Sinclair College	2
AGR 1160 Introduction to Agriculture	Sinclair College	1
HY 130 Hydraulics	UNOH	6
CTAIE002 Hydraulic and Pneumatics, ODEW Course: Hydraulics and Pneumatics	CTAG	3

Credentials Available

Name	ODE Points Available
National Institute for Automotive Service Excellence (ASE) - Student Truck Diesel Engines	4
Automotive Service Excellence (ASE) Student Certification - Automotive Suspension and Steering	4
National Institute for Automotive Service Excellence (ASE) - Student Truck Brakes	4
Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion - Agriculture and Environmental Systems	12
National Institute for Automotive Service Excellence (ASE) - Student Truck Electrical/Electronic Systems	4
Automotive Service Excellence Student (ASE) - Recover/Recycle A/C	0
Ohio Driver's License (Self Obtained)	1