



## Curriculum Plan 2024-2025

**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-Pre-Apprenticeship 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-Pre-Apprenticeship Half Day Curriculum

Semester 1 Electronics And Electrical Systems

Semester 1 Pre-apprenticeship

Semester 2 Pre-apprenticeship

#### Level 2-Advanced Placement Curriculum

Semester 2 Agricultural And Environmental Systems Capstone

## College Credits Available

Name	College	Semester Hours Available
DSL 1200 Fundamentals of Engines	Clark State College	3
AU 126 Steering/Suspension	UNOH	2
DSL 1300 Preventive Maintenance	Clark State College	2
AUT 1100 Consumer Automotive	Sinclair College	2
AGR 1160 Introduction to Agriculture	Sinclair College	1
DSL 1600 Electrical/Electronics	Clark State College	3
DSL 2600 Air Conditioning	Clark State College	2
DSL 1100 Hydraulics	Clark State College	2
HY 130 Hydraulics	UNOH	6

## Credentials Available

Name	ODE Points Available
Automotive Service Excellence (ASE) Entry-Level Certification – Diesel Engines (Medium/Heavy Truck)	4
Automotive Service Excellence (ASE) Entry-Level Certification – Suspension and Steering (Automobile)	4
Automotive Service Excellence (ASE) Entry-Level Certification – Student Truck Brakes (Medium/Heavy Truck)	4
Automotive Service Excellence (ASE) Entry-Level Certification – Steering and Suspension (Medium/Heavy Truck)	4
Automotive Service Excellence Student (ASE) - Recover/Recycle A/C	0
Ohio Driver's License	1
Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion	12