



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 |