

Diesel Mechanic

Career Studies Certificate

Program Coordinator: Keith Harless • Diesel Technology Lab

276-525-4578

Length: Two Semesters

Purpose: The Career Studies Certificate in Diesel Mechanics provides successful students with the knowledge, skills and competency required for basic diesel mechanic positions.

Occupational Objectives: Fulfill the need for Diesel Mechanics.

Admission Requirements: A student eligible for admission to the College can normally be considered for admission to the Diesel Mechanic Studies Certificate.

Program Requirements: The curriculum will consist of both hands on learning and classroom instruction. The program can be completed in one year and will prepare graduates for entry-level diesel mechanic positions.

Track 1: (Day)

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
First Semester (Fall)				
DSL 111	Introduction to Diesel	1	2	2
DSL 152	Diesel Power Trains, Chassis, And Transmissions	2	4	4
DSL 143	Diesel Truck Electrical Systems	2	4	4
DSL 176	Transportation Air Conditioning	1	2	2
DSL 160	Air Brakes	2	2	3
Total		8	14	15
Second Semester (Spring)				
DSL 121	Diesel Engines I	3	6	6
DSL 122	Diesel Engines II	3	6	6
Total		6	12	12
Total Minimum Credits Required for Certificate				27

Track 2: (Evening)

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
First Semester (Fall)				
DSL 121	Diesel Engines	3	6	6
DSL 122	Diesel Engines II	3	6	6
Total		6	12	12
Second Semester (Spring)				
DSL 111	Introduction to Diesel	1	2	2
DSL 143	Diesel Truck Electrical Systems	2	4	4
DSL 152	Diesel Power Trains, Chassis, and Transmissions	2	4	4
DSL 160	Air Brakes	2	2	3
DSL 176	Transportation Air Conditioning	1	2	2
Total		8	14	15
Total Minimum Credits Required for Certificate				27