

DIESEL MECHANICS

FIND YOUR PATH.



PROGRAM LEARNING OUTCOMES

- Demonstrate an understanding of the operation, service, and repair of medium and heavy duty vehicles.
- Analyze, diagnose and repair operational faults with medium and heavy duty vehicles.
- Perform maintenance inspection and maintenance service required of medium and heavy duty vehicles.



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REQUIRED COURSES

(Recommended Schedule)

SEMESTER 1	(Fall)	UNITS
DM V10	Preventative Maintenance	2
DM V10L	Preventative Maintenance Lab	1.5
DM V12	Electrical/Electronics	3
DM V12L	Electrical/Electronics Lab	3
		9.5

*Classes on Tuesday, Thursday, Friday

SEMESTER 2	(Spring)	UNITS
DM V26	Diesel Engines	2
DM V26L	Diesel Engines Lab	3
DM 28	Fuel Management	2.5
DM 28L	Fuel Management Lab	3
DM 40	HVAC	2
DM 40L	HVAC Lab	1.5
		14

*Classes on Monday through Friday

SEMESTER 3	(Fall)	UNITS
DM 30	Brakes	2
DM 30L	Brakes Lab	1.5
DM 34	Suspensions	2
DM 34L	Suspensions Lab	1.5
DM 42	Hydraulics	2
DM 42L	Hydraulics Lab	1
		10

*Classes on Monday, Tuesday, Wednesday

SEMESTER 4	(Spring)	UNITS
DM 44	Drive Trains	2
DM 44L	Drive Trains Lab	1.5
		3.5

*Classes on Wednesday and Thursday

Award Title	Type	GE Units	Required Major Units
Diesel Mechanics	A.S.	29	37
Diesel Engine Repair	C		20
Medium & Heavy Duty Vehicle Repair	C		17
*At least 60 degree applicable units are required to earn A.S.			

WORK-BASED EXPERIENCES

Ventura College offers students the opportunity to apply their skills while still in college, gain on-the-job experience, and "try out" a career before graduation through internships or work-based learning experiences.

