



# Diesel Technology Certificate

FULL TIME

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2025-26

Total Units: 24

Start Term: Fall

## First Year

### Semester 1 (Fall)

12 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	DCDT 101 Diesel Preventive Maintenance	4	
Req	DCDT 110 Diesel Engine Repair	4	
Req	DCDT 120 Basic Hydraulic Principles of Diesel Technology	4	

### Semester 2 (Spring)

12 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	DCDT 130 Diesel Brake Systems	4	
Req	DCDT 140 Diesel Electrical Systems	4	
Req	DCDT 150 Diesel Power Trains	4	

#### EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this program
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## CAREER PATH

### Career Options:

Potential Careers: entry-level diesel technician, heavy duty BIT inspector, marine diesel mechanic, farm equipment engine mechanic, fleet maintenance mechanic.

Potential Employers: Freightliner, Volvo/Mack, NorCal Kenworth, Cummins, Peterbilt, Western, International, Princess Cruise Lines.

### Scheduling Notes:

- The courses listed are all scheduled as 5-week classes that follow each other within a semester.
- DCDT 101, 110, and 120 are offered in the fall.
- DCDT 130, 140, and 150 are offered in the spring.
- All DCDT courses are offered at the Mather Center.

### Other Notes:

- This certificate prepares students to enter the workforce as entry-level mechanics, ready with the latest information on diagnosis and repair of diesel fuel systems, hydraulic services, and hands-on training with equipment from the leading manufacturers in the industry.
- Some of the biggest names in the industry, which include Freightliner, Volvo and Kenworth, look to ARC graduates to keep their trucks running. That means students can feel confident that they will learn the top skills most manufacturers want.

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- Continue your training as an intern with one of the leading manufacturers or local industry companies while you finish your education.