



# Diesel Technology A.S. Degree

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

GE Pattern: local AA/AS

Total Units: 60

Start Term: Fall

## First Year

### Semester 1 (Fall)

15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	DCDT 101 Diesel Preventive Maintenance	4		
Req	DCDT 110 Diesel Engine Repair	4		
Req	DCDT 120 Basic Hydraulic Principles of Diesel Technology	4		
GE	ENGL C1000 Academic Reading and Writing or ENGL C1000H <sup>H</sup> Academic Reading and Writing - Honors	3 3		L1A

### Semester 2 (Spring)

15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	DCDT 130 Diesel Brake Systems	4		
Req	DCDT 140 Diesel Electrical Systems	4		
Req	DCDT 150 Diesel Power Trains	4		
GE	MATH 300 Introduction to Mathematical Ideas	3		L2

## Second Year

### Semester 3 (Fall)

15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	DCDT 162 Clean Diesel Software Support	4		
GE	any Area L1B (Oral Communication & Critical Thinking) course	3		L1B
GE	any Area L3 (Arts & Humanities) course	3		L3
GE	any Area L7B (Life Development Skills) course	2		L7B
Elec	any elective course	3		

## 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.

### Advising Notes:

- This degree can be completed using either the local AA/AS general education (GE) pattern or the Cal-G ETC transfer GE pattern. See a counselor to determine which pattern is best for you based on your academic goals.
- Students can substitute ESLW 340 for ENGL C1000/C1000H (formerly known as ENGWR 300/480).
- Elective Courses:** any elective courses numbered 100-499, or having a 4-digit number starting with C.

### Scheduling Notes:

- The DCDT 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.

Semester 4 (Spring)

15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
GE	any Area L4 (Social & Behavioral Sciences) course	3		L4
GE	any Area L5 (Natural Sciences) course	3		L5
GE	any Area L6 (Ethnic Studies) course	3		L6
GE	any Area L7A (Physical Education) course	1		L7A
Elec	any elective course	3		
Elec	any elective course	2		

<sup>H</sup> honors courses

Other Notes:

- This degree 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.
- This degree can be started in the spring as well. [See a counselor](#) to adjust the course work.
- At the end of the second semester, students qualify for the **Diesel Technology** certificate.

EXPLANATION OF CATEGORIES		
Req	Required Core	A course that is required for this program
GE	General Education	A course that fulfills a specific general education requirement for a degree, which can be replaced with another course that meets the same requirement
Elec	Degree Elective	A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree