



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:** 2024-25**GE Pattern:** local AA/AS**Total Units:** 60**Start Term:** Fall

## First Year

### Semester 1 (Fall) 15 Units

CAT.	COURSE	TITLE	UNIT	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	ENGWR 300 / 480 <sup>H</sup>	College Composition	3	Ila <b>WC</b>

### Semester 2 (Spring) 15 Units

CAT.	COURSE	TITLE	UNIT	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	IIb <b>MC</b>

## Second Year

### Semester 3 (Fall) 15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	DCDT 162	Clean Diesel Software Support	4	
GE		any Area I (Humanities) course	3	I
GE		any Area IIIb (Life Development Skills) course	2	IIIb
GE		any Area Va (American Institutions) course	3	Va
Elec		any elective course numbered 100-499	3	

### Semester 4 (Spring) 15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		any Area IIIa (PE Activity) course	1	IIIa
GE		any Area IV (Natural Sciences) course	3	IV
GE		any Area Vb (Social & Behavioral Sciences) course	3	Vb
GE		any Area VI (Ethnic/Multicultural Studies) course	3	VI
Elec		any elective course numbered 100-499	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:

- Students can substitute ESLW 340 for ENGWR 300/480.

### 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.

### 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.

CAT.	COURSE	TITLE	UNIT	GE AREA
Elec		any elective course numbered 100-499	2	

<sup>H</sup> honors courses

- 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

### Graduation Requirement

A course that fulfills a specific graduation requirement which can be replaced by another course that meets the same graduation requirement.

**MC** = Math Competency

**WC** = Writing Competency

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