

Area of Interest: Industrial Technology & Skilled Trades

Certificate: Diesel Technology II

College Catalog: [2025-2026](#)



Program Location: Signal Peak Campus

Program Description: The Diesel Technology II Certificate prepares students for employment as diesel technicians with an array of career opportunities within the industry. A typical graduate will seek employment with an equipment dealer, equipment rental company, or a highway heavy construction company. Students receive training applicable for servicing and repairing all types of diesel equipment.

Prerequisites: DIE TECH Cohort, current/valid driver's license or instructor consent.

The Diesel Technology II Certificate is accredited by the Associated Equipment Distributors Foundation (AEDF) located at 600 22nd Street Suite 220 Oak Brook, IL 60523; 630-574-0650; aedfoundation.org/

Contact Information: Garrett Hurt (Faculty) Garrett.Hurt@centralaz.edu T: 520-494-5310

Advising: itst.advisor@centralaz.edu

Area of Interest Website: [Industrial Technology and Skilled Trades - Central Arizona College \(centralaz.edu\)](#)

Legend

Bold Course=Required Course Recommended Course (R) Core Course (CC) Stackable Certificate (SC)

Prerequisite(s):

Students must be admitted to DIE TECH Cohort; current and valid driver license; or instructor consent.

Semester 1: New Students-Find your suggested starting point for [English/Reading & Math courses](#).

| | | COURSE | CREDITS | SEMESTER/GRADE | NOTES |
|--------------------------|----|---|-----------|--|-------|
| SC | CC | DIE116 Intro to Diesel Technology | 3 | | |
| SC | CC | DIE132 Diesel Engines and Fuel Systems | 8 | | |
| Semester Credits: | | | 11 | Meet with your CAC advisor each semester! | |

Semester 2

| | | COURSE | CREDITS | SEMESTER/GRADE | NOTES |
|-------------------------|----|--|-----------|---|-------|
| SC | CC | DIE118 Computer Systems Equip Techs | 3 | | |
| SC | CC | DIE133 Diesel Power Trains | 8 | | |
| Semester Credits | | | 11 | Research career resources and opportunities! | |

Semester 3

| | | COURSE | CREDITS | SEMESTER/GRADE | NOTES |
|--------------------------|----|--|-----------|---|-----------|
| SC | CC | HEO121 Heavy Equipment Operations Core (R) or HEO100 Intro to Heavy Equip Operation | 5 | | Fall Only |
| SC | CC | DIE216 Diesel Hydraulic Systems | 8 | | |
| Semester Credits: | | | 13 | Apply for graduation and attend career events! | |

Semester 4

| | | COURSE | CREDITS | SEMESTER/GRADE | NOTES |
|-----------------------------------|----|---|-----------|--|-------|
| SC | CC | DIE215 Diesel Electrical Systems | 8 | | |
| SC | CC | DIE222 Mobile Refrigeration | 3 | | |
| Semester Credits: | | | 11 | Finish strong-don't get distracted before finals! | |
| Total Certificate Credits: | | | 46 | | |

Arizona Resident Tuition for 2025-2026 is \$75 per credit hour; see [Paying for College](#). Financial aid may be available.

Career Information

CAC Career Center: centralaz.edu/career FREE CAC career resources and assistance.

O*NET OnLine: Visit onetonline.org and search for:

Occupations in Diesel Technology, including:

- Education needed for specific occupations
- Occupation tasks, knowledge, skills and abilities
- Salary/wages for specific occupations (\$)

Transfer Information

CAC University Transfer Center: centralaz.edu/transfer FREE CAC transfer resources and assistance.

Note: Use this Program MAP as a guide to choose courses with your advisor and track progress towards milestones and completion of program. Work with an advisor to customize your plan to align with your specific career and/or transfer goals.

Part-Time Students: Plans can be modified to fit the need of part-time students by adding more semesters.

Student Name:

Advisor Name:

Student ID Number: 880

Date: