

Area of Interest: Industrial Technology & Skilled Trades

Stackable Certificate: Diesel Technology II

College Catalog: [2024-2025](#)



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 heavy highway construction company. Students receive training applicable for serving and repairing all types of diesel equipment.

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) Stackable Certificate (SC)

AGEC Course list (Arizona General Education Curriculum) and other degree requirements.

Written Communication (**WC**) Oral Communication (**OC**) Arts/Humanities (**AH**) Social/Behavioral Science (**SB**)

Lab Science (**LS**) Mathematics (**M**) Core Course (**CC**) Elective (**E**)

Special Awareness Requirements for transfer degrees met through courses on the [AGEC Course list](#).

Cultural Awareness (**CU**)

Global/Historical Awareness (**GI/HI**)

Intensive Writing (**IW**)

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

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	DIE116 Introduction to Diesel Technology	3		
SC	CC	DIE132 Diesel Engines & 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 for Equipment Technicians	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	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/Electronic 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 2024-2025 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:

Student ID Number: 880

Advisor Name:

Date: