

**Area of Interest:** Industrial Technology & Skilled Trades

**Stackable Certificate:** Diesel Technology II

**College Catalog:** [2022-2023](#)



**Program Location:** Signal Peak Campus

**Program Description:** The Diesel Technology AAS Degree 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. The AAS Diesel Technology program is the longest running program in Arizona with highly skilled instructors.

**Contact Information:** Garrett Hurt (Faculty) [Garrett.Hurt@centralaz.edu](mailto:Garrett.Hurt@centralaz.edu) T: 520-494-5310 **Advising:** [itst.advisor@centralaz.edu](mailto: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**)

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

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	<b>DIE132 Diesel Engines &amp; Fuel Systems</b>	8		Fall Only
SC	CC	<b>DIE116 Introduction to Diesel Technology</b>	3		Fall Only
Semester Credits:			<b>11</b>	<b>Meet with your CAC advisor each semester!</b>	

### Semester 2

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	<b>DIE133 Diesel Powertrains</b>	8		Spring Only
SC	CC	<b>DIE118 Computer Systems for Equipment Technicians</b>	3		Spring Only
Semester Credits			<b>11</b>	<b>Research career resources and opportunities!</b>	

### Semester 3

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	HEO121 Heavy Equipment Operations Core	5		Fall Only
SC	CC	<b>DIE216 Diesel Hydraulic Systems</b>	8		Fall Only
Semester Credits:			<b>13</b>	<b>Apply for graduation and attend career events!</b>	

### Semester 4

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

Arizona Resident Tuition for 2022-2023 is \$50 per credit hour; see [Paying for College](#). Financial aid may be available.

## Career Information

**CAC Career Center:** [centralaz.edu/career](http://centralaz.edu/career) FREE CAC career resources and assistance.

**O\*NET OnLine:** Visit [onetonline.org](http://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](http://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:**