

**Area of Interest:** Industrial Technology & Skilled Trades  
**Certificate:** Unmanned Aircraft Systems Fundamentals  
**College Catalog:** [2024-2025](#)



**Program Location:** This certificate will be taught hybrid in person/online with lab sessions.  
**Program Description:** The Unmanned Aircraft Systems Fundamentals Certificate sets a sturdy foundation of required aeronautical knowledge for remote pilots of UAS less than 10 pounds and introduces learner to Unmanned Safety Institute's industry leading safety principles. This Certificate addresses all pertinent aeronautical knowledge factors outlined by the FAA for the Unmanned Aircraft General (UAG) examination for the Remote Pilot Certification and augments those with safety concepts and practices to develop well informed and responsible remote pilots.  
**Contact Information:** Jordan Porterfield [jordan.porterfield@centralaz.edu](mailto:jordan.porterfield@centralaz.edu) (Faculty)  
**Advising:** [itst.advisor@centralaz.edu](mailto:itst.advisor@centralaz.edu)  
**Area of Interest Website:** Industrial Technology and Skilled Trades - Central Arizona College ([centralaz.edu](http://centralaz.edu))

Legend			
<b>Bold Course</b> =Required Course	Recommended Course (R)	Stackable Certificate (SC)	
<b>AGEC Course list</b> (Arizona General Education Curriculum) and other degree requirements.			
Written Communication ( <b>WC</b> )	Oral Communication ( <b>OC</b> )	Arts/Humanities ( <b>AH</b> )	Social/Behavioral Science ( <b>SB</b> )
Lab Science ( <b>LS</b> )	Mathematics ( <b>M</b> )	Core Course ( <b>CC</b> )	Elective ( <b>E</b> )
<b>Special Awareness Requirements</b> for transfer degrees met through courses on the <a href="#">AGEC Course list</a> .			
<input type="checkbox"/> Cultural Awareness ( <b>CU</b> )	<input type="checkbox"/> Global/Historical Awareness ( <b>GI/HI</b> )	<input type="checkbox"/> Intensive Writing ( <b>IW</b> )	

Semester 1: New Students-Find your suggested starting point for <a href="#">English/Reading &amp; Math courses</a> .					
		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	CC	<b>UAS101 Unmanned Aircraft Systems I</b>	6		
	CC	<b>UAS107 Unmanned Aircraft Systems FAA Readiness</b>	1		
<b>Semester Credits:</b>			<b>7</b>	<b>Meet with your CAC advisor each semester!</b>	

Semester 2					
		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	CC	<b>UAS102 Unmanned Aircraft Systems II</b>	6		
	CC	<b>ENG101 College Composition</b> or <b>ENG121 Applied Technical Writing</b>	3		
<b>Semester Credits</b>			<b>9</b>	<b>Research career resources and opportunities!</b>	
<b>Total Certificate Credits:</b>			<b>16</b>		

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](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:**