

Area of Interest: Nursing, Health & Emergency Careers

Degree

Fire Science Technology

Associate of Applied Science (AAS)

Stackable Certificate

Basic Firefighter Operations

[College Catalog: 2026-2027](#)

Program Location

Signal Peak Campus

Program Description

The Fire Science Technology AAS Degree offers advanced training for professional firefighters, including practical firefighting, hazardous materials, related operations, history and theory and fire service management. The completion of the Basic Fire Operations Certificate is highly recommended.

Contact Information

John Kemp (Program Director) john.kemp@centralaz.edu

Area of Interest Website: [Nursing, Health & Emergency Careers](#)

Legend

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

AGEC Course list (Arizona General Education Curriculum)

Written Communication (WC)
Natural Sciences (NS)

Oral Communication (OC)
Mathematics (M)

Arts & Humanities (AH)
Social/Behavioral Sciences (SB)

Recommendations

- Arizona Center for Fire Service Excellence (AzCFSE) Certification(s).
- State of Arizona Department of Health Services Certification(s).
- American Heart, Red Cross, or other certifying agency course completion in CPR.
- International Fire Service Accreditation Congress (IFSAC) Certification(s).

Fall

New Students

Find your suggested starting point for English/Reading & Math courses.

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	FSC180 Wildland Fire, Module I	3		8-week course
SC	CC	EMS125 Emergency Medical Technician	9		
SC	CC	EMS125A Basic EMT Psychomotor Evaluation	.5		
SC	CC	EMS110 Introduction to Emergency Medical Services	2.5		
Semester Credits:			15	Meet with your CAC advisor each semester!	

Spring

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	FSC134 Fitness and Conditioning for Firefighters	3		
SC	CC	FSC140 Firefighter I and II	10		
SC	CC	FSC129 Hazardous Materials Awareness/Operation	2		
Semester Credits:			15	Research career resources and opportunities!	

Summer

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	FSC106 Introduction to Emergency Services	3		
SC	CC	FSC119 Fire Service Ethics	3		
	CC	FSC108 Fundamentals of Fire Prevention	3		
	CC	FSC208 Building Construction for the Fire Service	3		
Semester Credits:			12	Apply for graduation and attend career events!	

Fall- (Year 2: General Education Courses)

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	WC	ENG121 Applied Technical Writing (R) <u>or</u> ENG101 College Composition I	3		
	NS	BIO160 Intro to Human Anatomy and Physiology (R) <u>or</u> Natural Sciences course	4		
	M	MAT118 Essential Mathematics or higher (R) <u>or</u> BUS101 Business Mathematics	3-4		
	OC	COM206 Public Speaking (R) <u>or</u> Oral Communication course	3		
	SB	SOC101 Introduction to Sociology <u>or</u> PSY101 Introduction to Psychology	3		
	AH	Arts & Humanities course	3		
Semester Credits:			19-20	Finish strong-don't get distracted before finals!	
Total Degree Credits:			61-62		
Total Stackable Certificate Credits:			36		

For 2026-2027 Arizona Resident Tuition, please visit [Paying for College](#). Financial aid may be available.

Career Information

[CAC Career Center](#)

FREE CAC career resources and assistance.

Visit **O*NET Online** and search for:

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

Transfer Information

[CAC University Transfer Center](#)

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 meet the needs of part-time students by adding more semesters.

Student Name: _____

Advisor Name: _____

Student ID Number: 880 _____

Date: _____