

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 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).

Semester 1

New Students

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

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	FSC134 Fitness and Conditioning for Firefighters	3		Prerequisite to FSC140
SC	CC	FSC106 Introduction to Emergency Services	3		
SC	CC	FSC119 Fire Service Ethics	3		
SC	CC	FSC180 Wildland Fire, Module I	3		8-week course
Semester Credits:			12	Meet with your CAC advisor each semester!	

Semester 2

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	FSC140 Firefighter I and II	10		
SC	CC	FSC129 Hazardous Materials Awareness/Operation	2		Prerequisite to EMS125
Semester Credits:			12	Research career resources and opportunities!	

Semester 3

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
SC	CC	EMS125 Emergency Medical Technician	9	Recommend SUMMER	Prerequisite to EMS110
SC	CC	EMS125A Basic EMT Psychomotor Evaluation	.5		
SC	CC	EMS110 Introduction to Emergency Medical Services	2.5		
	CC	FSC108 Fundamentals of Fire Prevention	3		
	NS	BIO160 Intro to Human Anatomy and Physiology (R) <u>or</u> Natural Sciences course	4		
Semester Credits:			19	Apply for graduation and attend career events!	

Semester 4

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	CC	FSC208 Building Construction for the Fire Service	3		
	WC	ENG121 Applied Technical Writing (R) <u>or</u> ENG101 College Composition I	3		
	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:			18-19	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 fit the need of part-time students by adding more semesters.

Student Name:

Student ID Number: 880

Advisor Name:

Date: