

ASSOCIATES IN APPLIED SCIENCE (AAS) DEGREE

Fire Science (3205)

Name:	Catalog Year:
Student ID:	Date:

Description: The Associate in Applied Science (AAS) in Fire Science provides the opportunity for individuals seeking careers in the fire service to acquire standard firefighting skills and prepare for state and/or national certifications, including the Firefighter I and II Certification. Students will gain broad knowledge and skills necessary to work effectively in the fire service as firefighters. A Certificate of Completion (CCL) in Firefighter Operations is also available.

Total Credits Required: 60 - 88

Program Notes:

• Students must earn a grade of "C" or better for all courses required within program | • A "+" indicates course has prerequisites and/or corequisites

REQUIRED COURSES: 37 - 57 credits **CREDITS GRADE SEMESTER LOCATION**

+	EMT104	Emergency Medical Technology AND	10			
	EMT104LL	Emergency Medical Technology Practicum OR	2			
		AZ State EMT Certification or equivalent OR	0			
		AZ State Paramedic Certification OR	0			
		Permission of Program Director	0-12			
	FSC101	Introduction to Fire Service Selection & Entry OR	4			
		Current employment as firefighter per Program Director	0-4			
+	FSC102	Fire Department Operations	11			
	FSC105	Hazardous Materials Awareness & Operations OR	3			
		Permission of Program Director	0-3			
	FSC108	Fundamentals of Fire Prevention OR	3			
	FSC110	Wildland Firefighter (<i>recommended</i>)	3			
	FSC113	Introduction to Fire Suppression	3			
	FSC117	Fire Apparatus	3			
	FSC118	Fire Hydraulics	3			
	FSC119	Introduction Fire Service Ethics	3			
	FSC130	Fitness for Firefighters/CPAT OR	1			
		Verification of CPAT completion	0-1			
	FSC134	Fitness and Conditioning for Firefighters OR	3			
+	FSC234	Fitness and Wellness for Firefighter Candidates (<i>FSC234 is recommended for students who have already completed the Fire Academy equivalent of FSC102.</i>)	3			
+	FSC174	Functions of Command	2			
+	FSC208	Firefighter Safety and Building Construction	3			
	FSC215	Customer Service in the Public Sector	3			

RESTRICTED ELECTIVES: 1 - 3 credits **CREDITS GRADE SEMESTER LOCATION**

	FSC+++++	Any Fire Science Technology course	3			
		Recommended Courses :				
		▪ FSC202: Supervisory Training for Firefighters (3 credits)				▪ + FSC204: Firefighting Tactics and Strategy (3 credits)
		▪ FSC282AC: Service Learning Experience in Fire Science (3 credits)				▪ FSC296WC: Cooperative Education (3 credits)

GENERAL EDUCATIONS REQUIREMENTS: 22-28 credits **CREDITS GRADE SEMESTER LOCATION**

General Education Core		12-18			
+	First- Year Composition	ENG101 <i>or</i> ENG107 for ESL AND ENG102 <i>or</i> ENG108 for ESL	3 3		
	Oral Communication <small>(Choose <u>ONE</u> from list -->)</small>	COM100: Introduction to Human Communication OR COM110: Interpersonal Communication OR + COM225: Public Speaking OR COM230: Small Group Communication	3		
+	Critical Reading	CRE101: College Critical Reading and Thinking OR Equivalent as indicated by assessment (<i>tested exempt</i>)	3 0-3		<input type="checkbox"/> TESTED EXEMPT
	Mathematics + <small>(Choose <u>ONE</u> from list based on testing placement)</small>	MAT140: College Mathematics (5 credits) OR MAT141: College Mathematics (4 credits) OR MAT142: College Mathematics (3 credits) OR MAT145: College Mathematics with Review (5 credits) OR MAT146: College Mathematics with Review (6 credits) OR Equivalent or higher level course in Math Appl. Area (MA)	3-6		
General Education Distribution			10		
	Any approved gen ed course from the Humanities, Fine Arts, & Design Area (HU)		3		
	Any approved gen ed course from the Social and Behavioral Sciences Area (SB)		3		
	Any approved gen ed course from the Natural Sciences Area (SG/SQ)		4		