

DEGREE MAP

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites, and presumes a fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Program Name: Fire Science Technology-Associate of Applied Science Degree

Location(s) Offered:

Sierra Vista Campus

Learning Outcomes: *Students who successfully complete this program will be able to do the following:*

1. Demonstrate the knowledge and skills required to obtain certification in basic wildland firefighting, hazardous materials emergency response, and first aid and CPR.
2. Demonstrate an understanding of fire behavior; and show abilities in basic firefighter orientation, fitness, and safety, and in building construction, rescue, extrication, and basic extinguishment methods.
3. Demonstrate entry-level firefighter skills required in ladder applications and in basic fire hose techniques and applications.
4. Demonstrate an understanding of fire detection and sprinkler systems, basic causes and origins of fire, and fire education practices.
5. Demonstrate the knowledge and skills required to obtain the certifications of Firefighter 1 and 2 from the state of Arizona through a rigorous testing process.

Course or program prerequisite(s) not included in the degree:

EMT 174 Emergency Medical Technician requires RDG 122 Reading Critically or exemption.
For successful completion of EMT 174, students must meet the following requirements: 1) Minimum age of 18 within six months of course completion (for the state certification only), 2) Negative tuberculin (TB) skin test or negative chest x-ray report, and 3) Drug screen.

ENG 101 Composition requires appropriate English placement score (or see advisor).

FST 224 Field Experience in Fire Science Technology requires a declared major in fire science technology and permission of the cooperative education coordinator.

MAT 132 Applied Mathematics requires appropriate mathematics placement score (or see advisor).

Program Reviewed: Feb 22, 2016

Key:

IW=Intensive Writing
F2F=Face-to-Face Instruction
ITV=Instructional Television
VC=Virtual Campus/Online

<i>Requirements</i>	<i>Course(s) Recommended</i>	<i>Delivery Method</i>	<i>Credits</i>
<i>First Semester (Fall):</i>			
Core Curriculum	FST 101 Firefighter Safety and Entry-Level Operations	F2F	6
Core Curriculum	FST 102 Fire Rescue Operations	F2F	4
Core Curriculum	FST 113 Firefighter Fitness I	F2F	3
General Education-Technology Literacy	CIS 116 Computer Essentials or CIS 120 Intro to Info Systems	F2F,VC	3
<i>Second Semester (Spring):</i>			
Core Curriculum	FST 103 Firefighter Procedures	F2F	4
Core Curriculum	FST 104 Fire Support Services	F2F	4
Core Curriculum	FST 114 Firefighter Fitness II	F2F	3
Core Curriculum	FST 115 Fire Service Apparatus Driver/Operator	F2F	3
General Education-Composition	ENG 101 Composition	F2F,VC	3
<i>Third Semester (Fall):</i>			
Core Curriculum	FST 224 Field Experience in Fire Science Technology	F2F	2-4
General Education-Composition	ENG 102 English Composition	F2F,VC	3
General Education-Liberal Arts		F2F,VC	3
General Education-Mathematics	MAT 132 Applied Mathematics or higher	F2F,VC	3-4
Elective		F2F,VC	3
<i>Fourth Semester (Spring):</i>			
Core Curriculum	EMT 174 Emergency Medical Technician	F2F	8
General Education-Liberal Arts		F2F,VC	3
Elective		F2F,VC	3
Elective		F2F,VC	0-3

Total credits required: 64

Notes:

FST 101, FST 102, FST 103, and FST 104 are taught in 8-week sessions.