



## 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-Certificate

**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, basic hazardous materials emergency response, and basic first aid/CPR.
2. Demonstrate an understanding of fire behavior and demonstrate abilities in basic firefighter orientation and safety, as well as 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, the basic causes and origin 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:**

**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>
<b><i>First Semester (Fall):</i></b>			
Core Curriculum	FST 101 Firefighter Safety and Entry-Level Operations	F2F	6
Core Curriculum	FST 102 Fire Rescue Operations	F2F	4
<b><i>Second Semester (Spring):</i></b>			
Core Curriculum	FST 103 Firefighter Procedures	F2F	4
Core Curriculum	FST 104 Fire Support Services	F2F	4
<b><i>Third Semester (Fall):</i></b>			
<b><i>Fourth Semester (Spring):</i></b>			

**Total credits required:** 18

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