

ASSOCIATE OF APPLIED SCIENCE FIRE SCIENCE TECHNOLOGY



**Career Pathway Certificate of Completion:
Fire Science Technology Level I (18.5 Credits)**

**Certificate of Completion
Fire Science Technology Level II (50 Credits)**

**Associate of Applied Science
Fire Science Technology (94 Credits)**

The Associate of Applied Science in Fire Science Technology program includes the necessary general education and specialized fire and emergency medical services courses to prepare students for careers at entry-level positions within the fire service. This curriculum was developed in cooperation with the College Fire Science Advisory Committee and the Oregon Department of Public Safety Standards and Training (DPSST). Due to continually changing laws and regulations mandated by Oregon's Occupational Safety and Health Administration (OR-OSHA), DPSST and the National Fire Protection Association (NFPA), students may be required to add, modify or delete courses and/or hours to the curriculum to meet current standards. See your advisor for current requirements.

PROGRAM STUDENT LEARNING OUTCOMES

Upon successful completion of this program the student will be able to:

- Demonstrate safe and effective operation of given fire suppression tools and appliances in given training scenarios.
- Demonstrate decision-making skills during simulated emergency scenarios.

- Understand the need to further develop professional fire fighting/EMS skills.

GRADUATION REQUIREMENTS

Students must complete a minimum of 94 credit hours with a minimum Grade Point Average (GPA) of 2.0 (C) average or better. All courses in the program must be completed with a 'C' or better. Thirty (30) of the last 45 credits must be earned at Southwestern before the AAS in Fire Science Technology degree is awarded.

Complete the graduation application process one term prior to the term of completion (i.e., spring term graduates must apply during winter term).

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PREREQUISITES					
	CIS101 (2) Computers in Society	Reading Score of ASSET39 COMPASS69	MTH20 (4) Basic Mathematics ¹	WR90 (3) Paragraph Fundamentals (or placement test score)	

FALL = 16.5 CREDITS	FSS244 (3.5) NFPA Firefighter I Part A	FSS254 (3) Introduction to Fire Protection	(3) Health/Physical Education Course ²	WR115 (3) Introduction to Expository Writing ³	MTH70 (4) Elementary Algebra (or higher)
WINTER = 17 CREDITS	FSS245 (3) NFPA Firefighter I Part B	FSS276 (3) S-130/190 Wild Land Fire Management II	FS9175 (3) Firefighter Safety	CIS120 (4) Concepts of Computing	(4) Elective ⁴
SPRING = 14.5 CREDITS	FSS282 (3) Fire Codes and Related Ordinances	FS9380 (2.5) S-215 Fire Ops/ Urban Interface	EMT169 (3) EMT Rescue	(3) Human Relations Course ⁵	SP218 (3) Interpersonal Communication ⁶

48 CREDITS = FIRST YEAR TOTAL REQUIREMENTS

FALL = 15 CREDITS	FSS676 (3) Fire and Emergency Service Administration	FSS259 (3) Fire Organization and Command	FS5280 (1) Cooperative Work Experience	FS9060 (1) Emergency Response to Terrorism	(3) Fire Science Specific Elective ⁷	(4) Elective ⁴
WINTER = 15 CREDITS	FSS675 (3) Fire Protection Systems and Extinguishers	EMT151 (5) EMT - Basic, Part A	FS5280 (1) Cooperative Work Experience	FS5289 (3) Legal Aspects of the Fire Service	(3) Fire Science Specific Elective ⁷	
SPRING = 16 CREDITS	FSS672 (4) Princ. Fire & Emergency Services Safety & Survival	EMT152 (5) EMT - Basic, Part B	FS5280 (1) Cooperative Work Experience	FS996B (3) Fundamentals of Fire Prevention	(3) Fire Science Specific Elective ⁷	

46 CREDITS = SECOND YEAR TOTAL REQUIREMENTS

94 CREDITS = TOTAL PROGRAM REQUIREMENTS

PROGRAM NOTES

¹MTH55 may be substituted.

²PE231, HE250 or 3 credits of PE185 will fulfill this requirement, PE185PSC is recommended.

³WR214T may be substituted for WR115.

⁴Developmental and remedial courses, CS101 and WR121 will not fulfill elective requirement.

⁵BA285, PSY201 or PSY203 may be taken to fulfill this requirement.

⁶SP219 may be substituted for SP218.

⁷Fire Science Specific Electives: FS9380, HE260/9360 or contact the Fire Science Coordinator.