Fire Science: Firefighter

Career Pathways Certificate

Major Code: 430203

About the Program

The fire service is a highly dynamic profession that offers a variety of daily challenges to the professionals who work within it. The primary mission of the RCC Fire Science program is to prepare students for careers as firefighters. Students who complete this three-term program will have met the requirements set by regional fire departments in Southern Oregon for the entry-level position of firefighter. The program delivers the highest education available by following standards set by the National Fire Protection Association (NFPA) and the Fire Emergency Services Higher Education (FESHE) program. Fire Science program coursework is accredited by the Oregon Department of Public Safety Standards and Training.

The U.S. Department of Education requires disclosure of specific information about career and technical certificate programs to prospective students. Data includes Standard Occupational Classification (SOC) codes (www.bls.gov/SOC), graduation rates, tuition and fees, typical costs for books and supplies, job placement rates for students completing the programs, and median loan debt incurred by students completing the programs. For more information visit www.roguecc.edu/GainfulEmployment.

The curriculum in RCC courses is derived from a set of identified learning outcomes that are relevant to the discipline. For a list of learning outcomes for this discipline or program, see www.roguecc.edu/Programs/LearningOutcomes.

Entry Requirements

As part of their training program, students are required to take a placement test to determine skill levels and readiness in math, reading and writing. Students must begin with the courses within their skill levels as determined by placement test scores. In addition, students may also be required to enroll in courses that would increase their employability and success. The Fire Science program advisor will work with each student to design an individualized sequence of instruction.

Students must be at least 17 years old to apply to the EMT course. Students must be a high school graduate or have a GED or equivalent for certification. In addition, students must meet the qualifications outlined by the Oregon Health Authority – EMS. Students are required to submit verification of certain immunizations and medical tests. Students will also be required to pass a drug screen and a criminal background investigation prior to their mandatory clinical time.

Advanced Standing

Coursework from accredited colleges and universities will be accepted in accordance with college registration policies and the Fire Science program coordinator's approval. In order to ensure that coursework is current, program courses over 10 years old must be reviewed and approved by the appropriate department head before being accepted toward core requirements.

Fire Science: Firefighter: Career Pathways Certificate (36 credits)
- Structural Firefighter-Entry Level [1]
- Wildland (forest) Firefighter-Entry Level [1]

Fire Science: Associate of Applied Science (AAS) degree (94-100 credits)
- Structural Firefighter [1]
- Wildland (forest) Firefighter [1]

Fire Officer: Certificate of Completion (51 credits)
- Structural Firefighter officer [1]
- Wildland (forest) Firefighter officer [1]

Fire Prevention/Investigation: Certificate of Completion (48 credits)
- Fire Inspectors and Investigators [1]

Dual Fire/ Paramedic AAS Degrees 3-year: Associate of Applied Science (AAS) degree (153 credits)
- Firefighter/Paramedic [1]

[1] For current wage and gainful employment data, see the Jobs & Wages box within the specific program roadmap at www.roguecc.edu/CareerPathways

Graduation Requirements

Students must complete all courses in this program with a grade of "C" or better to receive their certificate. Certain required courses are graded on a pass/no pass basis only. A grade of "P" for these courses indicates a student earned a "C" or better grade.

Prerequisites

Course No.	Course Title	Credits
MTH20	Pre-algebra or designated placement test score as shown on current indicator chart	0-4
RD30	College Reading or designated placement test score as shown on current indicator chart	0-4
WR115	Introduction to Expository Writing or designated placement test score as shown on current indicator chart	0-3
Total Prerequisite Credits		**0-11**

Required Courses

Course No.	Course Title	Credits
First Term		
FRP251	Firefighter Level I [1]	3
FRP251L	Firefighter Level I Lab [1]	5
FRP256	Fire Behavior and Combustion	3
FRP261	Hazardous Materials First Responder Operations	1
		12
Second Term		
ES131	EMT Part I	4
ES131L	EMT Part I Lab	1
FRP233	Firefighter Safety and Survival	3
FRP252	Firefighter Level II	4
		12
Third Term		
ES105	Introduction to Emergency Services	4
ES132	EMT Part II	4
ES132L	EMT Part II Lab	1
FRP130	Basic Wildland Firefighter	3
		12
TOTAL PROGRAM CREDITS		**36**

[1] FRP251 taken previously for 8 credits but without a separate lab is also acceptable.

For more information contact the Emergency Services Department:

Grants Pass or Medford. 541-245-7965
Toll free in Oregon . . . . . .800-411-6508, Ext. 7965
Web address . . . . . www.roguecc.edu/emergencyservices
email . . . . . .jpetronella@roguecc.edu
TTY . . . . . Oregon Telecom Relay Service, 711

This advising guide is for advising purposes only. Please see current college catalog for additional information on specific college policies and graduation requirements.

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