



**LAKES
REGION
COMMUNITY
COLLEGE**

FIRE SCIENCE

Why Fire Science?

Firefighting is one of the most demanding, fulfilling and rewarding professions there is. Every city and town around the world relies on firefighters to keep them safe, mitigate emergencies, and educate their citizens in fire prevention.

Whether an emergency be fire or EMS-related, rest assured that there will be graduates from this program on the scene. Graduates have two options moving forward after they complete this degree. They can either seek employment or transfer to a four-year institution. The program is recognized by the United States Fire Administration through the Fire and Emergency Services Higher Education Program.

Potential Jobs/Careers:

- Firefighter



Potential Salary:

See below for the average annual salary range in NH for a firefighter.

- Entry Level **\$42,094**
- Mid-Range **\$61,256**
- Experienced **\$67,641**

**New Hampshire Occupational Employment & Wages 2021, published by the NH Economic and Labor Market Information Bureau – Salaries are based on 40 hours of work, not including overtime.*

Estimated Program Cost:

- Year 1: \$7,595**
 - Year 2: \$6,830**
- for a total of \$14,425

**Costs are based on in-state tuition and do not include fees, supplies, or books. Additional fees may apply; all prices are subject to change.*

Did you know?

“In order to advance within the fire service I recognized the need for education. LRCC was the perfect fit for me and gave me the tools to advance.”

*— Battalion Chief Fred Heinrich
Londonderry Fire Department,
Class of 1996*

Degree & Certificate Requirements

DEGREE Requirements

FIRST YEAR Fall Semester		Credits
FIRE124L	Principles of Emergency Services	3
FIRE180L	Firefighter I & II	8
ENGL100L	English Composition	4
ESNT120L	College Essentials	1
TOTAL		16

FIRST YEAR Spring Semester		Credits
FIRE127L	Fire Behavior & Combustion	3
FIRE131L	Fire Protection Systems	3
FIRE140L	Building Construction for Fire Protection	3
FIRE225L	Emergency Medical Technician	3
ELECTIVE	Mathematics Elective	3
TOTAL		15

Total Credits for Year = 31

SECOND YEAR Fall Semester		Credits
FIRE160L	Fire Prevention	3
FIRE224L	Strategy & Tactics	3
FIRE250L	Fire Protection Hydraulics & Water Supply	3
ELECTIVE	Science Elective	3
ELECTIVE	Humanities Elective	3
TOTAL		15

SECOND YEAR Spring Semester		Credits
FIRE234L	Fire & Emergency Services Safety & Survival	3
ELECTIVE	Fire Science Elective	6
ELECTIVE	English Elective	3
ELECTIVE	Social Science Elective	3
TOTAL		15

Total Credits for Year = 30
Total for A.S. Degree = 61

CERTIFICATE Requirements

Fall Semester		Credits
FIRE124L	Principles of Emergency Services	3
FIRE160L	Fire Prevention	3
FIRE180L	Firefighter I & II	8
ESNT120L	College Essentials	1
TOTAL		15

Spring Semester		Credits
FIRE127L	Fire Behavior & Combustion	3
FIRE131L	Fire Protection Systems	3
FIRE140L	Building Construction for Fire Protection	3
FIRE225L	Emergency Medical Technician	3
FIRE236L	Fire Investigation I	3
FIRE281L	Fire & Emergency Services Administration	3
TOTAL		18

Total Credits for Certificate = 33

The Community College System of NH does not discriminate in the administration of its admissions and educational programs, activities, or employment practices on the basis of race, creed, color, religion, ancestry or national origin, age, sex, sexual orientation, gender identity and expression, physical or mental disability, genetic information, or law enforcement, military, veteran, or marital status.

