



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
<b>FIRE124L</b>	Principles of Emergency Services	3
<b>FIRE180L</b>	Firefighter I & II	8
<b>ENGL100L</b>	English Composition	4
<b>ESNT120L</b>	College Essentials	1
<b>TOTAL</b>		<b>16</b>

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

**Total Credits for Year = 31**

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

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

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

## CERTIFICATE Requirements

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

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

**Total Credits for Certificate = 33**

