

# FIRE SCIENCE LEVEL IV, CAREER PATHWAY CERTIFICATE OF COMPLETION

This Career Pathway Certificate of Completion is designed to capture a student's progress at a specific point of their fire science coursework. With coursework focused on professionalism, volunteer experience, building construction and fire behavior, fire prevention and firefighter safety, fireground strategy and tactics, fire protection systems, as well as structural firefighting and other skills, students will develop professional skills vital to the fire service. Students seeking an entry level job or professional development will benefit from the Fire Science Level IV Career Pathway Certificate of Completion.

## Graduation Requirements

Students must complete a minimum of 43 credit hours with a cumulative Grade Point Average (GPA) of 2.0 or better. All courses must be completed with a grade of 'C' or better.

Courses that are developmental in nature, (designed to prepare students for college transfer courses), are not applicable to this degree.

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

## Program Guide

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
FS100	Principles of Emergency Services	3
FS105	Firefighter Fundamentals I	2
FS180	Internship: Fire Science	1
FS205	Fire Prevention	3
FS200	Strategy and Tactics	3
FS231	Fire Protection Hydraulics and Water	3
Credits		15
<b>Winter</b>		
FS110	Firefighter Fundamentals II	2
FS180	Internship: Fire Science	1
FS120	Building Const Related to Fire Svc	3
FS121	Fire Behavior and Combust	3
FS222	Fire Instructor I	3
FS220	Fire Protection Systems	3
Credits		15
<b>Spring</b>		
FS115	Firefighter Fundamentals III	2
FS130	Fire Apparatus Driver/Operator	1
FS123	Structural Firefighter I	4
FS210	Hazardous Materials for First Respo	2
FS125	Principles of Fire and Emergency S	4
Credits		13
Total Credits		43

## Program Student Learning Outcomes

- Demonstrate technical proficiency in fundamental firefighting skills.
- Apply critical thinking and decision-making skills relevant to fire service scenarios.
- Demonstrate behaviors consistent with professional and employer expectations.