



at a glance

Fire Science Technology

Department: Industrial Technologies

Degree: Associate of Applied Science

Entry time: Fall, Spring

Length: 2 years (4 semesters and 1 summer)

- The program gives students a broad-based perspective and knowledge in **multiple facets of firefighting**.
- **Instructors are professionals** who currently work in the fire suppression industry.
- The program is **hands-on** and utilizes a **fire suppression drill tower**, and **practice pad**, with instructors that are current area fire department professionals.
- **Small class sizes** allow instructors to focus on **individual attention**.
- **Network** with fellow students and instructors who have firsthand knowledge of the contemporary fire service, experiences, data and science.

Program Description

The Kirkwood Fire Science Technology curriculum provides the skills sought by entry-level firefighters. Recent high school graduates or volunteers may use this program to improve their employment prospects within this profession. This program features some evening and online classes.

Career Opportunities

Firefighter
Emergency medical technician

Sample Classes

Emergency Medical Technician
Firefighter
Firefighting Tactics and Strategy
Hazardous Materials Management
Fire Service Company Officer
Building Construction
Fire Behavior and Combustion
Fundamentals of Fire Prevention
Firefighting Tactics & Strategy
Fire Detection and Suppression Systems
Chemistry of Hazardous Materials
Hazardous Materials Management
Instructional Techniques for
Fire Service Training
Fire Service Company Officer
Fire and Emergency Services Safety
and Survival

Industry endorsements earned:

Firefighter I, Firefighter II; EMT (State and National); National Career Readiness Certificate.

Scholarships

Kirkwood will help you pay for college! Kirkwood awards more scholarships than any other community college in Iowa. For more information and to apply, visit www.kirkwood.edu/scholarships.

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