

## PURPOSE/PROGRAM DESCRIPTION

- Designed to prepare you for advancement in the fire service field.
- Provides you with general and fire protection knowledge necessary to function and advance in the fire service profession.
- For the in-service student.



### Employment opportunities include:

- Firefighter
- Manager in a fire department



Four educational components are included in the program, namely:

- General Education
- Technical Foundations
- Content, Skills, and Knowledge
  - *Specific to the field of fire service*
- Work-Based Learning

## FOR ADDITIONAL INFORMATION

- Concerning application/admission to the college, please contact:

### Admissions Office

434-797-8467

- Concerning the Fire Science program, please contact:

### Regional Center for Advanced Technology and Training

121 Slayton Avenue  
Danville, VA 24541

434-797-8430

Toll free: 800-560-4291

TTY: 434-797-8542

[www.rcatt.org](http://www.rcatt.org)

Danville Community College does not discriminate on the basis of race, color, age, national origin, sex, or disability in its programs and activities.  
Member, Virginia's Community Colleges



## FIRE SCIENCE



The Fire Science program will prepare you to function effectively as a firefighter or manager in a fire department or related field.

**DCC**

**Danville Community College**



# FIRE SCIENCE



To receive the Associate of Applied Science Degree in Technical Studies—Fire Science, you must complete a minimum of 69 credits with a grade point average of 2.0 or better.

## GENERAL EDUCATION 18 CREDITS

## CONTENT, SKILLS AND KNOWLEDGE 12 CREDITS

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>
ECO 120 .....	Survey of Economics .....	3
ENG 111 .....	English Composition I .....	3
HLT 116 .....	Personal Wellness .....	2
HUM 165 .....	Controversial Issues .....	3
MTH 120 .....	Introduction to Mathematics .....	3
PSY 126 .....	Psychology for Business and Industry .....	3
SDV 100 .....	College Success Skills .....	1

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>
FST 100 .....	Principles of Emergency Services .....	3
FST 110 .....	Fire Behavior and Combustion .....	3
FST 112 .....	Hazardous Materials Chemistry .....	3
FST 115 .....	Fire Prevention .....	3
FST 205 .....	Fire Protection Hydraulics & Water Supply .....	3
FST 210 .....	Legal Aspects of Fire Science .....	3
FST 215 .....	Fire Protection Systems .....	3
FST 220 .....	Building Construction for Fire Protection .....	3
FST 235 .....	Strategy and Tactics.....	3
FST 240 .....	Fire Administration .....	3
FST 245 .....	Fire Risk and Analysis .....	3

## TECHNICAL FOUNDATIONS 12 CREDITS

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>
ENG 115 .....	Technical Writing .....	3
ITE 115.....	Intro. Computer Appl. & Concepts .....	3
ITE 130.....	Intro to Internet Services .....	3
NAS 110 .....	Elementary Physical Science .....	3

## WORK-BASED LEARNING 6 CREDITS

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>
EMS 112 .....	Emergency Medical Tech. — Basic I .....	3
EMS 113 .....	Emergency Medical Tech. — Basic II .....	3

