

**THIS IS A CAREER DEGREE.  
IT IS NOT DESIGNED TO TRANSFER TO A FOUR YEAR UNIVERSITY.**

**Danville Area Community College  
2009-2010**

## Fire Science

### Associate in Applied Science Degree

This Fire Science curriculum is designed to give students the academic background and initial training for careers in fire fighting. Upon completion of the program, a DACC Associate in Applied Science degree will be granted. This is a **career** curriculum, not meant for Baccalaureate degree transfer.

*First time degree seeking students must complete INST101, Success in College, as a requirement for graduation.*

| REQUIRED COURSES   | HOURS | F,S,I,SU | GRADE |
|--|-------|----------|-------|
| <b>First Semester</b>  |       |          |       |
| + FIRE 100 Techniques of Fire Fighting (Module A)  | 3     |          |       |
| + FIRE 181 Vehicle and Machinery Operations  | 3     |          |       |
| + FIRE 130 EMT Basic   | 5     |          |       |
| * ENGL 121 Communication Skills (C) <u>OR</u> *<br>ENGL 101 Rhetoric I (T)   | 3     |          |       |
| VFIRE 195 Volunteer Fire Service   | 1     |          |       |
| Total  | 15    |          |       |
| <b>Second Semester</b>   |       |          |       |
| + FIRE 101 Techniques of Fire Fighting (Module B)  | 3     |          |       |
| + FIRE 120 Tactics and Strategy I  | 3     |          |       |
| + FIRE 161 Hazardous Materials Operations  | 3     |          |       |
| + FIRE 180 Technical Rescue Awareness  | 1     |          |       |
| MATT 104 Business Mathematics (C) <u>OR</u> MATH 105 Intermediate Algebra(T)<br>MATT 133 Tech Math I (C) <u>OR</u> MATH 111 College Algebra (T)<br>MATT 134 Tech Math II (C) <u>OR</u> * MATH 115 Survey of Statistics (T) | 3-4   |          |       |
| VFIRE 195 Volunteer Fire Service   | 1     |          |       |
| Total  | 14-15 |          |       |
| <b>Third Semester</b>  |       |          |       |
| + FIRE 102 Techniques of Fire Fighting (Module C)  | 3     |          |       |
| + FIRE 140 Fire Management I   | 3     |          |       |
| + FIRE 170 Fire Instructor I   | 3     |          |       |
| * SPAN 100 Spanish for Public Safety (C) <u>OR</u><br>* SPAN 101 Elementary Spanish I (T)  | 3-4   |          |       |
| * SPCH 101 Oral Communications (T) <u>OR</u><br>•* SPCH 102 Public Speaking (T)  | 3     |          |       |
| VFIRE 195 Volunteer Fire Service   | 1     |          |       |
| Total  | 16-17 |          |       |
| <b>Fourth Semester</b>   |       |          |       |
| + FIRE 142 Fire Management II  | 3     |          |       |
| + FIRE 151 Fire Apparatus Engineer   | 4     |          |       |
| + FIRE 110 Fire Prevention Principles I / Fire Service Laws & Regulations  | 3     |          |       |
| • CBUS 150 Business Computer Systems (T)   | 3     |          |       |
| •*SOCY 100 Intro to Sociology (T) <u>OR</u><br>•*PSYC 100 Intro to Psychology (T) <u>OR</u><br>•*POLI 150 American Government (T)  | 3     |          |       |
| VFIRE 195 Volunteer Fire Service   | 1     |          |       |
| Total  | 17    |          |       |

Total Hours 64

March 2009

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## Fire Science (continued)

\* General Education

• Internet Classes offered

+ Eligibility for Illinois State Fire Marshal Certification: Student must be 18 years old before day of final exam and an active member of a fire department, whether on paid or volunteer status.

∇ All active duty fire fighters must provide documentation.

Enrollment in developmental classes may increase the length of time it takes to complete an Associates Degree.

(C) Career credit (T) Transfer credit

Credit will be granted to students holding Illinois State Fire Marshal certificates issued from the latest version of the test.