

# 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 an occupational program typically not designed to transfer; however, this program has been articulated to some senior institutions. Please contact a counselor for specific details.

***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 130 EMT Basic	5		
+ FIRE 170 Fire Instructor I	3		
∇ FIRE 195 Volunteer Fire Service	1		
* ENGL 121 Communication Skills (C) <u>OR</u> * ENGL 101 Rhetoric I (T)	3		
Total	15		
<b>Second Semester</b>			
+ FIRE 101 Techniques of Fire Fighting (Module B)	3		
+ FIRE 151 Fire Apparatus Engineer	4		
+ FIRE 180 Technical Rescue Awareness	1		
∇ FIRE 195 Volunteer Fire Service	1		
MATT 104 Business Mathematics (C) <u>OR</u> MATH 105 Intermediate Algebra(T) MATT 133 Tech Math I (C) <u>OR</u> MATH 111 College Algebra (T) MATT 134 Tech Math II (C) <u>OR</u> * MATH 115 Survey of Statistics (T)	3-4		
* SPCH 101 Oral Communications (T) <u>OR</u> * SPCH 102 Public Speaking (T)	3		
Total	15-16		
<b>Summer</b>			
+ FIRE 161 Hazardous Materials Operations	3		
Total	3		
<b>Third Semester</b>			
+ FIRE 102 Techniques of Fire Fighting (Module C)	3		
+ FIRE 120 Tactics and Strategy I	3		
+ FIRE 140 Fire Management I	3		
∇ FIRE 195 Volunteer Fire Service	1		
* SPAN 100 Spanish for Public Safety (C) <u>OR</u> * SPAN 101 Elementary Spanish I (T)	3-4		
Total	13-14		
<b>Fourth Semester</b>			
+ FIRE 110 Fire Prevention Principles I / Fire Service Laws & Regulations	3		
+ FIRE 142 Fire Management II	3		
∇ FIRE 195 Volunteer Fire Service	1		
• CBUS 150 Business Computer Systems (T)	3		
•*SOCY 100 Intro to Sociology (T) <u>OR</u> •*PSYC 100 Intro to Psychology (T) <u>OR</u> •*POLI 150 American Government (T)	3		
Total	13		

**Fire Science (continued)**

REQUIRED COURSES	HOURS	F,S,I,SU	GRADE
<b>Summer</b>			
+ FIRE 181 Vehicle and Machinery Operations	3		
Total	3		

Total Hours    64

\* 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.