

ASSOCIATE IN APPLIED SCIENCE DEGREE IN FIRE PROTECTION TECHNOLOGY (AAS)

The Fire Protection Technology curriculum is designed to provide individuals with technical and professional knowledge to make decisions regarding fire protection for both public and private sectors. It also provides a sound foundation for continuous higher learning in fire protection, administration, and management.

Course work includes classroom and laboratory experiences to introduce the student to various aspects of fire protection. Students will learn technical and administrative skills such as hydraulics, hazardous materials, arson investigation, fire protection safety, fire suppression management, law, and codes.

Graduates qualify for employment or advancement in governmental agencies, industrial firms, insurance rating organizations, educational organizations, and municipal fire departments. Employed persons should have opportunities for skilled and supervisory level positions within their current organizations.

Students seeking a degree must earn a grade of “C” or higher on any of the following courses presented for graduation:

ENG 111, Expository Writing; ENG 112, Argument-Based Research or ENG 114, Professional Research & Reporting; COM 231, Public Speaking; CIS 110, Introduction to Computers (or another approved computer course); and MAT 140, Survey of Mathematics (or another approved mathematics course). Please see Requirements for Graduation as stated in the Academic Regulations section of the *Academic Bulletin and Student Handbook*.

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Course and Hour Requirements

Major Courses	Credit Hours	General Education Courses	Credit Hours
FIP 120	3	ACA 115	1
FIP 124	3		
FIP 128	3	Communications:	
FIP 230	5	ENG 111	3
FIP 220	3		
FIP 224	4	Select one:	
FIP 132	3	ENG 112 or	3
FIP 152	3	ENG 114	3
FIP 136	3		
FIP 276	3	Humanities/Fine Arts Elective: Select one	
FIP 232	3	ART 111 3 HUM 120 3	
FIP 144	3	ART 114 3 HUM 122 3	
		ART 115 3 HUM 170 3	
		DRA 111 3 HUM 211 3	
		ENG 231 3 MUS 110 3	
		ENG 232 3 PHI 210 3	
		ENG 241 3 PHI 240 3	
		ENG 242 3 REL 110 3	
		ENG 261 3 REL 111 3	
		ENG 262 3 REL 112 3	
		ENG 272 3 REL 211 3	
		ENG 273 3 REL 212 3	
		HUM 110 3 REL 221 3	
		Social/Behavioral Science:	
		PSY 150	3
		Mathematics: Select one	
		MAT 115	3
		Other Required Hours:	
		CIS 110	3
		Total General Education Hours: 19	

Choose 12 hours from the following courses:

FIP 252	3
FIP 221	3
FIP 228	3
FIP 236	3
FIP 240	3
FIP 256	3
COE 122	2

Total Major Hours: 51

TOTAL CREDIT HOURS REQUIRED FOR GRADUATION: 70

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Suggested Sequence of Courses

			Class	Hours Lab	Credit
FIRST YEAR					
FALL SEMESTER					
FIP	120	Introduction to Fire Protection	3	0	3
FIP	124	Fire Prevention and Public Education	3	0	3
FIP	220	Fire Fighting Strategies	3	0	3
ACA	115	Success and Study Skills	0	2	1
ENG	111	Expository Writing	3	0	3
			15	2	13
SPRING SEMESTER					
FIP	128	Detection and Investigation	3	0	3
FIP	132	Building Construction	3	0	3
FIP	230	Chemistry of Hazardous Materials I	5	0	5
ENG	112	Argument-Based Research or	3	0	3
ENG	114	Prof. Research and Reporting	3	0	3
			17	0	14
SUMMER TERM					
FIP	136	Inspections and Codes	3	0	3
FIP	144	Sprinklers and Auto Alarms	2	2	3
FIP	152	Fire Protection Law	3	0	3
			8	2	9
SECOND YEAR					
FALL SEMESTER					
FIP	224	Instructional Methodology	4	0	4
FIP	221	Advanced Fire Fighting Strategies	3	0	3
MAT	115	Mathematical Models	2	2	3
CIS	110	Introduction to Computers	2	2	3
			11	4	13
SPRING SEMESTER					
FIP	276	Managing Fire Services	3	0	3
FIP	232	Hydraulics and Water Distribution	2	2	3
PSY	150	General Psychology	3	0	3
		Humanities/Fine Arts Elective*	3	0	3
FIP		Major Course Elective*	3	0	3
			14	2	15
SUMMER TERM					
FIP	256	Municipal Public Relations or	3	0	3
FIP	236	Emergency Management or	3	0	3
FIP	240	Fire Service Supervision	3	0	3
			9	0	6

TOTAL CREDIT HOURS REQUIRED FOR GRADUATION: 70

*See: "Course and Hour Requirements"