

# PROGRAMS

## FIRE PROTECTION TECHNOLOGY (A55240)

The Fire Protection Technology curriculum is designed to provide students with knowledge and skills in the technical, managerial, and leadership areas necessary for advancement within the fire protection community and related firefighting industries, and to provide currently employed firefighters with knowledge and skills often required for promotional consideration.

Course work includes diverse fire protection subject areas, including fire prevention and safety, public education, building construction, fire ground strategies and tactics, and local government finance and laws, as they apply to emergency services management. Emphasis includes understanding fire characteristics and the structural consequences of fire; risk assessment and management; and relevant research, communications, and leadership methodologies.

Employment opportunities exist with fire departments, governmental agencies, industrial firms, insurance rating organizations, and educational organizations.

### Associate in Applied Science Degree Program

		Course Hours Per Week		Semester Hours
First Semester (Fall)		Class	Lab	Credit
ACA-115	Success & Study Skills	0	2	1
CIS***	CIS-110 or CIS-111	1-2	2	2-3
ENG-111	Writing and Inquiry	3	0	3
FIP-120	Intro to Fire Protection	3	0	3
FIP-124	Fire Prevention & Public Ed	3	0	3
FIP-136	Inspections & Codes	3	0	3
<b>Credit Hours</b>		<b>13-14</b>	<b>4</b>	<b>15-16</b>
Second Semester (Spring)				
FIP-132	Building Construction	3	0	3
FIP-152	Fire Protection Law	3	0	3
FIP-220	Fire Fighting Strategies	3	0	3
FIP-228	Local Govt Finance	3	0	3
MAT***	MAT-121 or higher	2-3	2	3-4
<b>Credit Hours</b>		<b>14-15</b>	<b>2</b>	<b>15-16</b>
Third Semester (Summer)				
ENG-112 or ENG-114	Writing/Research in the Disc or Prof Research & Reporting	3	0	3
***	Humanities/Fine Arts Elective	3	0	3
<b>Credit Hours</b>		<b>6</b>	<b>0</b>	<b>6</b>
Fourth Semester (Fall)				

		Course Hours Per Week		Semester Hours
EPT-140	Emergency Management	3	0	3
***	FIP-128 or WBL-111F	0-3	0-10	1-3
FIP-224	Fire Instructor I & II	4	0	4
FIP-230	Chem of Hazardous Mat I	5	0	5
FIP-232	Hydraulics & Water Dist	2	2	3
<b>Credit Hours</b>		<b>14-17</b>	<b>2-12</b>	<b>16-18</b>

#### Fifth Semester (Spring)

FIP-240	Fire Service Supervision	3	0	3
FIP-256	Munic Public Relations	3	0	3
FIP-276	Managing Fire Services	3	0	3
PSY-150 or SOC-210	General Psychology or Introduction to Sociology	3	0	3
<b>Credit Hours</b>		<b>12</b>	<b>0</b>	<b>12</b>
Total Required Minimum Semester Hours Credit				64

[View Catalog Archives](#)

**Instructor Floyd Fritz, Fire Protection Technology Coordinator**

116 Kennedy Hall

910.695.3897

[fritzf@sandhills.edu](mailto:fritzf@sandhills.edu)