

# FIRE SCIENCE - CERTIFICATE OF ACHIEVEMENT

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Plan Code: 3805

This Certificate of Achievement will prepare students for entry to a fire academy and for an entry-level position in private and public fire-related occupations.

## Program Student Learning Outcomes

- Demonstrate an understanding and ability to recognize and apply preventive and proactive measures in fire protection.

## Program Requirements

Code Number	Course Title	Units
<b>REQUIRED COURSES</b>		
FIRE 1	Fire Protection Organization	3
FIRE 2	Fire Prevention Technology	3
FIRE 3	Fire Protection Equipment and Systems	3
FIRE 4	Building Construction	3
FIRE 5	Fire Behavior and Combustion	3
<b>Subtotal Units</b>		<b>15</b>
IN ADDITION, complete NINE (9) units from the following:		
EMT 251	Emergency Medical Technician (4)	
EMT 251L	Emergency Medical Technician Laboratory (2)	
FIRE 53	Fire Hydraulics (3)	
FIRE 54	Hazardous Materials 1 (3)	
FIRE 57	Introduction to Fire Tactics & Strategy (3)	
FIRE 58	Intro to Fire Company Administration (3)	
FIRE 61	Rescue Practices (3)	
FIRE 62	Fire Apparatus and Equipment (3)	
FIRE 64	Hazardous Materials 2 (3)	
FIRE 65	Fundamentals of Fire Safety (3)	
FIRE 240	Firefighter I Physical Agility (0.5)	
PUBAD 1	Introduction to Public Administration (3)	
<b>Subtotal Units</b>		<b>9</b>
<b>Total Units</b>		<b>24</b>