# Fire Service Special Operations Course No. 44080 Credit: 0.5

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| --- | --- | --- | --- |
| **Student name:** |  | **Graduation Date:** |  |

Pathways and CIP Codes:Emergency & Fire Management Services (43.0299)

Course Description: A comprehensive, **technical level** course intended to follow the Introduction to LPSCS class before moving into Fire Science I. Course will showcase the myriad of specialty disciplines existing as a subset within fire service emergency response.

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

## Benchmark 1: Introduction to Fire and Emergency Services [NFPA® 1001]

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 1.1 | Summarize the History of the Fire Service. |  |
| 1.2 | Distinguish the primary knowledge, characteristics and skills that a firefighter must possess. |  |
| 1.3 | Explain the ways the fire service may interact with other organizations. |  |
| 1.4 | Describe the organization within fire departments. |  |

## Benchmark 2: Fire Service Organization [NFPA® 1001]

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 2.1 | Differentiate the major incident types that the US fire service responds to (e.g. fire, medical, rescue, hazmat). |  |
| 2.2 | Define the term Fire Company as used in the modern fire service (e.g. the apparatus, the equipment and the crew). |  |
| 2.3 | Contrast the various types of fire apparatus (e.g. engine, truck, rescue, squad). |  |
| 2.4 | Identify the different positions and ranks within the fire service (e.g. Firefighter, Lieutenant, Captain, Chief). |  |
| 2.5 | Distinguish between different tools and appliances in the fire service. |  |
| 2.6 | Describe the different types of PPE used in the modern fire service (e.g. firefighting, medical, hazmat). |  |
| 2.7 | Demonstrate the positions and functions within the Incident Command System (NIMS). |  |

## Benchmark 3: Advanced Skills and Knowledge [NFPA® 1001

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 3.1 | List the individuated incident types within each major incident type listed in Benchmark 2.0. |  |
| 3.2 | Explain skills and techniques that a firefighter regularly uses (e.g. ladders, ropes, forcible entry, search, ventilation). |  |
| 3.3 | Discuss the elements of fire science and fire behavior (e.g. fire triangle, flashover, backdraft). |  |
| 3.4 | Classify the different types of building construction and their unique features (e.g. Type 1, 2, 3, 4, 5). |  |
| 3.5 | Interpret situations requiring firefighter accountability and rescue (e.g. RIC/RIT, MAYDAY, PAR reports etc.). |  |

## Benchmark 4: Specialization within Fire Service Operations [NFPA® 1001]

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 4.1 | Contrast wildland firefighting with structural firefighting. |  |
| 4.2 | Analyze protocol driven patient assessment, triage and care by emergency medical responders. |  |
| 4.3 | Differentiate between ordinary Search & Rescue and Technical Rescue. |  |
| 4.4 | Identify the seven clues for a hazardous materials incident. |  |
| 4.5 | Memorize the nine UN hazard classifications. |  |
| 4.6 | Identify other “miscellaneous” call types that firefighters respond to. |  |

## Benchmark 5: Structure-Fire Response – “Bread and Butter calls” [NFPA® 1001]

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 5.1 | Describe what is meant by “bread & butter” calls (e.g. residential structure fire responses). |  |
| 5.2 | Differentiate “riding assignments” of the crew (e.g. the duties of each person on the fire apparatus by riding position). |  |
| 5.3 | Discuss “tool assignments” (e.g. the variety of tools that each person on the crew may select for their role). |  |
| 5.4 | Analyze “fireground assignments” (e.g.. fire attack, water supply, ventilation, search & rescue, RIC, command, safety). |  |
| 5.5 | Distinguish the specific roles of different “companies” at a structure fire (e.g. engine, truck, squad or battalion chief). |  |

## Benchmark 6: Special Operations within the Fire Service – Technical Rescue [NFPA® 1001]

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 6.1 | Define ordinary Emergency Operations vs. Special Operations within the fire service. |  |
| 6.2 | Discuss the skills and techniques associated with vehicle extrication. |  |
| 6.3 | Discuss the skills and techniques associated with rope and high-angle rescue. |  |
| 6.4 | Discuss the skills and techniques associated with water rescue. |  |
| 6.5 | Discuss the skills and techniques associated with confined space and trench rescue. |  |

## Benchmark 7: Special Operations within the Fire Service – Hazardous Materials [NFPA® 1072]

### Competencies

| **#** | **Description** | **RATING** |
| --- | --- | --- |
| 7.1 | Discuss the skills and techniques associated with confined space and trench rescue as related to air monitoring. |  |
| 7.2 | Distinguish the various chemical and physical properties of hazardous materials. |  |
| 7.3 | Demonstrate the GEBMO sequence leading to a hazardous materials release. |  |
| 7.4 | Differentiate PPE for hazardous materials calls as well as assorted decontamination methods. |  |
| 7.5 | Define terrorism, weapons of mass destruction and other illegal activities that firefighters may encounter. |  |

## Benchmark 8: Emergency Medical Care – Advanced Life Support [NFPA® 1001]

### Competencies

| **#** | **Description** | **RATING** |
| --- | --- | --- |
| 8.1 | Review Basic Life Support in emergency situations. |  |
| 8.2 | Introduce Advanced Life Support in emergency situation. |  |
| 8.3 | Discuss the “tiered” response in emergency medical care - BLS to ALS. |  |
| 8.4 | Evaluate emergency medical assessment and care specifically relating to special operations situations. |  |

## Benchmark 9: Fire Service Roles Beyond Emergency Operations [NFPA® 1001]

### Competencies

| **#** | **Description** | **Rating** |
| --- | --- | --- |
| 9.1 | Define the position of Fire Marshall. |  |
| 9.2 | Describe the role of an Arson Investigator. |  |
| 9.3 | Explain the benefits of public education and fire safety programs. |  |
| 9.4 | Discuss fire codes and fire safety systems. |  |
| 9.5 | Illustrate the importance and various responsibilities of the fire training division. |  |

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

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