



**American Fire  
Sprinkler Association**

**VIP Course Schedule – Level 2  
Begins March 6th, 2025**

The course schedule contains the following components:

- Schedule for live lessons
  - *Two identical lessons are offered on each date listed below to accommodate varying time zones: **10:00am Central, and 4:00pm Central**. Apprentices need only attend one of these two identical lessons on each live lesson date.*
- Performance task schedule
- Learning objectives for modules

<b>Lesson</b>	<b>Date</b>	<b>Subjects</b>	<b>Performance Tasks</b>	<b>Related Modules</b>
1	6-Mar-25	Hangers, Supports, and Restraints: <ul style="list-style-type: none"><li>● Pipe hanger assemblies</li></ul>	Hangers, Supports, and Restraints: <ul style="list-style-type: none"><li>● Install a hanger on a wood joist</li><li>● Install a post-installed anchor</li><li>● Cut a hanger rod to a specified length</li></ul>	18201
2	20-Mar-25	Hangers, Supports, and Restraints: <ul style="list-style-type: none"><li>● Seismic bracing</li><li>● Firestopping assemblies</li></ul>	Hangers, Supports, and Restraints: <ul style="list-style-type: none"><li>● Make up and install seismic brace.</li></ul>	18201
3	10-Apr-25	General Purpose Valves <ul style="list-style-type: none"><li>● Indicating control valves</li><li>● Trim valves</li></ul>	General Purpose Valves <ul style="list-style-type: none"><li>● Install a gate valve.</li><li>● Install a supervisory (tamper) switch.</li><li>● Install a butterfly valve.</li></ul>	18202

Lesson	Date	Subjects	Performance Tasks	Related Modules
4	24-Apr-25	General Purpose Valves <ul style="list-style-type: none"> <li>• Supply system valves</li> <li>• Pressure control and air venting valves</li> </ul>	General Purpose Valves <i>No tasks for this section.</i>	18202
5	8-May-25	Math for Sprinkler Fitters <ul style="list-style-type: none"> <li>• Use basic math operations to solve problems.</li> <li>• Demonstrate practical calculation related to sprinkler systems.</li> </ul>	Math for Sprinkler Fitters <i>No tasks for this section.</i>	18203
6	22-May-25	Math for Sprinkler Fitters <ul style="list-style-type: none"> <li>• Practice using math.</li> </ul>	Math for Sprinkler Fitters <i>No tasks for this section.</i>	18203
	<b>26-May-25</b>	<b>Supervisor Performance Task Log Due - Lessons 1-6</b>		
7	12-Jun-25	Shop Drawings <ul style="list-style-type: none"> <li>• Drawings used in sprinkler system installation.</li> </ul>	Shop Drawings <i>No tasks for this section.</i>	18204
8	26-Jun-25	Shop Drawings <ul style="list-style-type: none"> <li>• Common symbols used in sprinkler system shop drawings</li> <li>• Building Information Modeling (BIM)</li> </ul>	Shop Drawings <ul style="list-style-type: none"> <li>• Use an instructor-supplied shop drawing to identify various types of information, including the sprinkler legend, title block, north arrow, sprinkler type and temperature, and pipe size.</li> </ul>	18204
9	10-Jul-25	Shop Drawings <ul style="list-style-type: none"> <li>• Practice /recap/creative development</li> </ul>	Shop Drawings <i>No tasks for this section.</i>	18204

Lesson	Date	Subjects	Performance Tasks	Related Modules
10	24-Jul-25	Standard Spray Sprinklers <ul style="list-style-type: none"> <li>• Standard spray sprinkler characteristics</li> <li>• Types of occupancies</li> <li>• Types of construction</li> </ul>	Standard Spray Sprinklers <i>No tasks for this section.</i>	18205
11	7-Aug-25	Standard Spray Sprinklers <ul style="list-style-type: none"> <li>• Sprinkler spacing requirements</li> </ul>	Standard Spray Sprinklers <ul style="list-style-type: none"> <li>• Given an instructor-supplied obstruction scenario, space a standard coverage spray sprinkler to avoid obstruction.</li> <li>• Determine the maximum sprinkler spacing based on different types of construction.</li> </ul>	18205
	<b>11-Aug-25</b>	<b>Supervisor Performance Task Log Due - Lessons 7-11</b>		
12	21-Aug-25	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Wet pipe sprinkler system control valves</li> </ul>	Wet Pipe Sprinkler Systems <i>No tasks for this section.</i>	18206
13	11-Sep-25	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Types of switches</li> </ul>	Wet Pipe Sprinkler Systems <i>No tasks for this section.</i>	18206
14	25-Sep-25	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Hydrostatic testing and system troubleshooting</li> </ul>	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Complete a Contractor's Material and Test certificate for Aboveground Piping for a wet pipe sprinkler system.</li> </ul>	18206
15	9-Oct-25	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Summary/comprehension of wet systems.</li> </ul>	Wet Pipe Sprinkler Systems <i>No tasks for this section.</i>	18206

Lesson	Date	Subjects	Performance Tasks	Related Modules
16	23-Oct-25	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Dry pipe sprinkler system valves</li> </ul>	Dry Pipe Sprinkler Systems <i>No tasks for this section.</i>	18207
17	6-Nov-25	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Pitching piping and installing drains</li> <li>• Air sources and air maintenance devices</li> </ul>	Dry Pipe Sprinkler Systems <i>No tasks for this section.</i>	18207
18	20-Nov-25	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Testing and troubleshooting dry pipe sprinkler systems</li> </ul>	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Complete a Contractor's Material and Test certificate for Aboveground Piping for a dry pipe sprinkler system.</li> </ul>	18207
19	4-Dec-25	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> <li>• Summary/comprehension of dry systems</li> </ul>	Dry Pipe Sprinkler Systems <i>No tasks for this section.</i>	18207
20	18-Dec-25	Course Review <ul style="list-style-type: none"> <li>• Test the knowledge gained throughout this course.</li> </ul>	Course Review <i>No tasks for this section.</i>	All
	<b>2-Jan-25</b>	<b>Supervisor Performance Task Log Due - Lessons 12-20</b>		

**\*\*Schedule is subject to change.\*\***

## Level 2

This level is comprised of Sprinkler Fitting: Level 2, 4<sup>th</sup> Edition. This level's textbooks are correlated to the 2019 edition of NFPA 13. The course is divided into 7 modules. The subjects and their learning objectives are found below.

### *Module 18201 Hangers, Supports and Restraints (17.5 hours)*

- Select and install pipe hanger assemblies.
- Install seismic bracing.
- Identify firestopping assemblies.

### *Module 18202 General Purpose Valves (15 hours)*

- Identify the function and operation of the indicating control valves used in sprinkler systems.
- Identify the function and operation of the trim valves used in sprinkler systems.
- Identify the function and operation of the supply system valves used in sprinkler systems.
- Identify the function and operation of the pressure control and air venting valves used in sprinkler systems.

### *Module 18203 Math for Sprinkler Fitters (20 hours)*

- Use basic math operations to solve problems.
- Demonstrate practical calculations related to sprinkler systems.

### *Module 18204 Shop Drawings (30 hours)*

- Identify the types of drawings used in sprinkler system installation.
- Identify common symbols used in sprinkler system shop drawings.
- Identify the advantages of Building Information Modeling (BIM).

### *Module 18205 Standard Spray Sprinklers (20 hours)*

- Identify the characteristics of standard spray sprinklers.
- Identify NFPA 13 occupancy classifications.
- Identify the types of construction.
- Describe the installation considerations for standard spray sprinklers.

### *Module 18206 Wet Pipe Sprinkler Systems (25 hours)*

- Identify the function and operation of wet pipe sprinkler system control valves.
- Identify the types of switches used in wet pipe sprinkler systems.
- Describe how to test and troubleshoot common wet pipe sprinkler system issues.

### *Module 18207 Dry Pipe Sprinkler Systems (25 hours)*

- Identify the function and operation of dry pipe sprinkler system valves.
- Make calculations for installing piping at correct pitch to drains.
- Describe the air sources and air maintenance devices used in dry pipe sprinkler systems.
- Describe how to test and troubleshoot common dry pipe sprinkler system issues.