FIRE FIGHTER/EMT

APPENDIX A

O*NET CODE 33-2011.01

This training outline is a minimum standard for Work Processes and Related Instruction. Changes in technology and regulations may result in the need for additional on-the-job or classroom training.

**WORK PROCESSES**

<table>
<thead>
<tr>
<th>Process</th>
<th>Approximate Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Safety</td>
<td>100</td>
</tr>
<tr>
<td>B. Fire Alarm and Communication</td>
<td>400</td>
</tr>
<tr>
<td>C. Fire Behavior</td>
<td>100</td>
</tr>
<tr>
<td>D. Portable Extinguishers; Fire Hose, Nozzles, and Appliances</td>
<td>600</td>
</tr>
<tr>
<td>E. Fire Streams and Water Supply</td>
<td>750</td>
</tr>
<tr>
<td>F. Ladders</td>
<td>500</td>
</tr>
<tr>
<td>G. Protective Breathing Apparatus</td>
<td>500</td>
</tr>
<tr>
<td>H. Forcible Entry</td>
<td>300</td>
</tr>
<tr>
<td>I. Ventilation</td>
<td>400</td>
</tr>
<tr>
<td>J. Ropes</td>
<td>300</td>
</tr>
<tr>
<td>K. Rescue</td>
<td>500</td>
</tr>
<tr>
<td>L. Emergency Medical Care</td>
<td>1200</td>
</tr>
<tr>
<td>M. Salvage and Overhaul</td>
<td>300</td>
</tr>
<tr>
<td>N. Inspection</td>
<td>750</td>
</tr>
<tr>
<td>O. Sprinklers</td>
<td>300</td>
</tr>
</tbody>
</table>

**Approximate Total Hours** 7000
Apprenticeship work processes are applicable only to training curricula for apprentices in approved programs. Apprenticeship work processes have no impact on classification determinations under Article 8 or 9 of the Labor Law. For guidance regarding classification for purposes of Article 8 or 9 of the Labor Law, please refer to https://dol.ny.gov/public-work-and-prevailing-wage
FIRE FIGHTER/EMT

APPENDIX B

RELATED INSTRUCTION

Safety and Health

1. Protective Clothing and Equipment
2. Breathing Apparatus
3. Right-to-Know/Material Safety Data Sheets (MSDS)
4. Safe Handling and Climbing of Ground Ladders
5. Emergency Medical Technician (Basic) Certification from New York State Department of Health (or higher level as required by sponsor)

Mathematics

1. Applied Mathematics for the Fire Service

Trade Theory and Science

1. Fire Protection and Organization
2. Fundamentals of Building Construction
3. Communications
4. Elementary Chemistry for Fire Fighters
5. Elementary Physics for Fire Fighters
6. Fire Behavior
7. Extinguishers
8. Hose Practices
9. Fire Stream and Hydraulics
10. Tools and Equipment
11. Ropes and Knots
12. Incident Command System
13. Basic Firefighting Skills
15. Forcible Entry
16. Ventilation
17. Rescue and Rescue Operations
18. Salvage and Overhaul
19. Tactics and Strategy
20. Fire Apparatus Driving, Operation, Maintenance
21. Pumper Operations
22. Fire Pumps
23. Aerial Ladders and Elevated Devices
24. Natural Cover Fire Fighting
25. Hazardous Materials and Radiation
27. Fire Prevention
28. MFPA Fire Prevention Code
29. Prefire, Disaster and Master Planning
30. Arson Cause and Origin Investigation
31. Medical Emergency Response Vehicle Driving, Operation, Maintenance
32. EMT Equipment, Use and Care
33. Triage
34. Extrication and Extrication Equipment

Other Workplace Skills
1. Sexual Harassment Prevention Training – must comply with section 201-g of the Labor Law

Other Related Courses as Necessary

A minimum of 229 hours of Related Instruction is required for each apprentice for each year.

Appendix B topics are approved by New York State Education Department.