

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

	Approximate Hours
A. Safety	100
B. Fire Alarm and Communication	400
C. Fire Behavior	100
D. Portable Extinguishers; Fire Hose, Nozzles, and Appliances	600
E. Fire Streams and Water Supply	750
F. Ladders	500
G. Protective Breathing Apparatus	500
H. Forcible Entry	300
I. Ventilation	400
J. Ropes	300
K. Rescue	500
L. Emergency Medical Care	1200
M. Salvage and Overhaul	300
N. Inspection	750
O. Sprinklers	300
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
14. Intermediate 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
26. Hazardous Materials First Responder Awareness and Operations
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.