



APPENDIX A

FIRE FIGHTER/EMT

D.O.T. CODE 373.364-010

O*NET CODE 33-2011.01

This training outline is the current standard for Work Processes and Related Instruction. Changes in technology, regulations and safety/health issues may result in the need for additional on-the-job or classroom training.

WORK PROCESSES

	<u>Approximate Hours</u>
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

	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 <http://www.labor.state.ny.us/workerprotection/publicwork/PDFs/Article8FAQS.pdf>.

APPENDIX B

FIRE FIGHTER/EMT

RELATED INSTRUCTION

Safety and Health

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

Mathematics

- Applied Mathematics for the Fire Service

Trade Theory and Science

- Fire Protection and Organization
- Fundamentals of Building Construction
- Communications
- Elementary Chemistry for Fire Fighters
- Elementary Physics for Fire Fighters
- Fire Behavior
- Extinguishers
- Hose Practices
- Fire Stream and Hydraulics
- Tools and Equipment
- Ropes and Knots
- Incident Command System
- Basic Firefighting Skills
- Intermediate Firefighting Skills
- Forcible Entry
- Ventilation
- Rescue and Rescue Operations
- Salvage and Overhaul
- Tactics and Strategy
- Fire Apparatus Driving, Operation, Maintenance
- Pumper Operations
- Fire Pumps
- Aerial Ladders and Elevated Devices

Natural Cover Fire Fighting
Hazardous Materials and Radiation
Hazardous Materials First Responder Awareness and Operations
Fire Prevention
MFPA Fire Prevention Code
Prefire, Disaster and Master Planning
Arson Cause and Origin Investigation
Medical Emergency Response Vehicle Driving, Operation, Maintenance
EMT Equipment, Use and Care
Triage
Extrication and Extrication Equipment

Other Workplace Skills

Sexual Harassment Prevention Training – minimum 3 hours

Other Related Courses as Necessary

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