

COURSE DESCRIPTION

1. 4 HOUR SUPPORTED SCAFFOLD:

- The NYC Department of Buildings states that anyone working on a supported scaffold must be trained and have a certification. This class has some hands-on training, therefore work clothes are required. There is a 25 question test you must pass to get the certification. This course expires every 4 years.

2. 16 HOUR SUSPENDED SCAFFOLD

- The Department of Buildings requires that anyone who is working on a suspended scaffold must complete a 16 hour suspended scaffold class. You will be able to identify the parts of a scaffold and how to put it together. In order to get your picture certification, you must pass a 50 question written test and demonstrate your ability of knot tying. This course expires every 4 years

3. 32 HOUR SUSPENDED SCAFFOLD

- The Department of Buildings states, to be the competent person on the job, you must have completed the 32 hour suspended scaffold class. The prerequisite for this class is the 16 hour suspended scaffold class. Safety, math calculations, and log book instruction are required. There is a 50 question test for this certification. This course expires every 4 years.

4. OSHA-10 HOUR

- The Department of Buildings states that in order to work on a NYC construction site, you must have 10 hours of safety training. This course covers OSHA standards, policies, and procedures in the construction field. Some topics covered are safety principles, hazardous, and health conditions in the industry. This class expires every 5 years

5. OSHA-30 HOUR

- This class is appropriate for supervisors or workers with safety responsibilities and workers who are designated the competent person on the job

6. GHS

- Globally Harmonized System (GHS) classifying and identifying chemicals. GHS identifies hazardous conditions of chemicals as well as safety data sheets.

7. MTA TRACK TRAINING

- This class is given by the MTA at their facility. This 8 hour class covers track safety in the classroom and requires hands-on training out on the track. You must wear work clothes, safety glasses and a vest. This class expires every 2 years.

8. CONFINED SPACE

- This is an awareness class that covers material on hazardous conditions. What is a competent person, and who is involved

9. TOTAL STATION (40 hour class)

- This class is designed to show ironworkers how to use drawings with trigonometry and how to apply it to the total station. This class is math intensive and the prerequisite is that you must be able to pass a math test before you take this class

10. FLAGMAN

- This class offers the proper way of moving traffic safely on the job site. Many injuries occur on a job site because of poor communication. With this training, you will learn the proper and safest way of loading and unloading material to be more productive.

11. REVOLVING DOOR

- This is a 7 hour class that gives all the information on how to layout and install a revolving door.

12. FOREMAN TRAINING (20 hour class)

- You will learn the responsibilities of the foreman. How to create an effective work team, communication, problem solving, document and records, work schedule, and a safety program.

13. FENCE & GUARDRAIL CLASS (14 hour class)

- In this class, you will learn the proper procedure on how to install fence & guardrail. This class includes theory, and mostly hands-on training.

14. SUBPART R: FALL PROTECTION (8 hour class)

- This class has a combination of definitions for steel erection. The content covered is Site Layout, Hoisting and Rigging, Structural Steel, Assembly Column, Anchorage, Steel Joints, Falling Objects, and Fall Protection.

15. ARC WELDING/ SMAW (9 months)

- In this class you will learn the basic theory of Arc Welding/SMAW. There are many theory lessons from start to finish on welding procedures. Most of the hours are spent in the welding shop. The goal is to pass a vertical and overhead test for the AWS Certification

16. STATE WELDING TEST/ DOT

- This Certification is for bridge work in NYS. This is an SMAW certification but it is an x-ray test that is given by the DOT NYS.

17. GTAW (TIG)

- This course provides you with the technical understanding of Gas tungsten arc Welding and arc characteristics. You will start out with fillet welds and move to groove welds in all positions and exotic metals.

18. GMAW (MIG)

- Gas Metal Arc Welding (GMAW) is commonly known as MIG Welding. This course will help the student to understand GMAW Equipment Shielding Gasses and Safety. You will start with carbon steel and finish with exotic metal and test in all positions.

19. FLUXCORE WELDING (FCAW)

- This course is designed for the welder to learn fluxcore arc welding on materials of different thicknesses such as $\frac{3}{8}$ "", $\frac{1}{2}$ "", and 1" plates. It involves welding with different joint sizes and all welding positions. There is a vertical and overhead test on a 1" plate to get a certification. At completion of this course, you will be able to troubleshoot problems with machines.

20. STAINLESS STEEL & ALUMINUM WELDING TEST

- Call (212) 736-1224 for more information

21. BURNING CLASS (12 hour class)

- This course is designed to teach ironworkers the basic criteria on how to use a torch. You will be able to identify the parts along with safety procedures. This is a hands-on class, so work clothes are required.

22. CAULKING CLASS (12 hour class)

- This is a basic and beginners class to give the ironworker the knowledge on how to apply caulking along with the cleaning chemicals and safety procedure while caulking.

23. 16 HR RIGGING

- The Department of Buildings requires anyone who is hoisting or lowering material on the outside of a building, to complete a 16 hour rigging worker class. This course covers, inspections before use, identifying weight capacities, signal operations and various types of rigging equipment. To receive a certification you must pass a two-part test: hands on and a 50 question multiple choice test. This certification expires every 4 years.

24. 32 HR RIGGING (SUPERVISION)

- The Department of Buildings requires a supervisor to supervise the hoisting or lowering of material on the outside of a building with hoisting equipment. To be a supervisor you must complete a 32 hour rigging class. This class will identify lifting points, rigging based on loading, inspections, load dynamics, and associated hazards. To receive a certification you must pass a two-part test. You must demonstrate hand on activities related to rigging and a 75 question multiple choice test. This certification expires every 4 years.

25. BLUEPRINT READING COURSE (Basic/ 8 weeks/ 40 hour course)

- This course is designed to provide the ironworker with training in the elements of construction drawing, steel frame construction drawing, and architectural and engineering drawings. There is basic math involved along with blueprint symbols. This course will cover 2 to 3 different types of blueprints to prepare you for job site conditions. To complete this course, there is a 50 question test.

26. LAY-OUT INSTRUMENTS

- This course is designed to teach the ironworker how to properly lay-out the job. Instruments being used are, the Optical Level, Theodolites, and Total Stations. The prerequisite for this course is the Blueprint Reading Course.

27. ROLL-UP DOOR (8 hour class)

- This course provides the ironworker with the proper sequence on how to install a roll-up door.