

Journeyman Upgrade Classes

Uppper Marlboro Training Center

September – December 2015

To schedule a class please contact the Training Center at (301) 736-1696.

<u>CLASS</u>	<u>TIME</u>	<u>DATE</u>	<u>DAY OF WEEK</u>	<u>INSTR</u>
OSHA 10	5 – 9 pm	9/2, 9/3, 9/8	W, Th, T	Dorr
1 st Aid/CPR	5 – 9 pm	9/9 - 9/11	W, Th, F	Dorr
Scaffold Ref	5 – 9 pm	9/8 - 9/9	T, W	Juisto
PITO Ref	5 – 9 pm	9/10 - 9/11	Th, F	Juisto
Rigging Ref	7 – 3:30 pm	9/16 – 9/18	W, Th, F	Kiser
Print Reading – B	5 – 9 pm	9/15 – 9/30	T, W	Johnson
Scaffold 40	7 – 3:30 pm	10/5 – 10/9	M, T, W, Th, F	Baughman
Print Reading – I	5 – 9 pm	10/13 – 10/28	T, W	Johnson
Basic Welding	5 – 9 pm 7 – 3:30 pm (Sa)	11/3 – 12/5	M, T, Th, Sa	Ellzey
Fall Protection	5 – 9 pm	11/9 – 11/10	M, T	Juisto
Aerial Lift	5 – 9 pm	11/9 – 11/10	M, T	Dorr
Print Reading – A	5 – 9 pm	11/17 – 12/9	T, W	Johnson
Trim Essentials	5 – 9 pm	11/23 – 11/24	M, T	Dorr
PITO – RT	5 – 9 pm	11/23 – 11/24	M, T	Juisto
OSHA 30	7 – 3:30 pm	12/14 – 12/17	M, T, W, Th	Dorr

Please refer to following pages for Class Description:

Mid-Atlantic Carpenters' Training Centers Journeyman Upgrade Course Descriptions

Acoustical Ceilings -This 24-hour course introduces the tools, materials and techniques used in ceiling construction. Students will learn how to read and layout ceilings from a set of plans. Additionally, students will learn to construct 3 different types of ceilings; straight, angled, and concealed. Maximum class size is 10.

Aerial Lift – This 8-hour course covers safe operation and inspection procedures for both self-propelled elevating work platforms (scissor lift) and boom supported elevating work platforms. OSHA and ANSI standards will also be covered, as well as Personal Protective Equipment and other safety issues. Hands on operating skills will be evaluated. Qualification cards will be issued upon completion. Maximum class size is 8 students per Instructor.

Basic Cabinet Installation – During this 8-hour course students will learn how to install base and wall cabinets plumb, level and square, adjust door spacing and scribe filler blocks and counter tops to wall. Maximum class size is 10.

Basic Concrete Formwork – This 24-hour course is designed to teach the basic and important aspects of concrete formwork including properties of concrete, formwork materials, form hardware, formwork safety and simple material estimation. Additionally, students will learn how to fabricate and install simple job built as well as installation of manufactured forms. Maximum class size is 10.

Basic Welding – In this 80-hour course, students will learn the basic procedures and practices of the art of welding. Topics will include Welder Certification testing in accordance with the American Welding Society, Structural Welding Code ANSI/AWS D1.1-90 American National Standard. The goal of the class is to prepare students for the D1.1 Groove Weld Plate Qualification test for a plate of limited thickness. The plate groove test welded in the 3G (vertical) and 4G (overhead) welding positions will qualify the welder to weld up to and including ¾" plate. Maximum class size is 10.

Basics of Green Construction – Learn the basic ideas behind the green construction movement during this 4-hour course. This class will focus on your role in the green environment, the Leadership in Energy and Environmental Design (LEED) strategies, and will present techniques used in green construction. Maximum class size is 16.

Builders Level/Transit/Theodolite – This 32-hour class instructs students in the use of common construction leveling and layout tools. Students will be taught how to properly set up and use the builders (dumpy) level, transit and theodolite (digital transit) to establish elevations and to layout buildings. Maximum class size is 6.

Construction Fall Protection – Students will be introduced to equipment and concepts central to fall protection during this 8-hour class. This course describes the danger of falls and the various types of fall hazards and safety legislation in place to help protect against falls in the workplace. Qualification cards will be issued upon completion. Maximum class size is 16 students per Instructor.

Construction Math I - This 24-hour course reviews and strengthens the student's knowledge of basic math. Emphasis will be placed on addition, subtraction, multiplication, and division of whole numbers, fractions and decimals. Maximum class size is 12.

Construction Math II – This 24-hour course introduces some of the mathematical concepts commonly used in carpentry. Emphasis will be placed on using a scale, converting between fractions and decimals, linear and angular measurement, and calculating area and volume. Maximum class size is 12.

Door Hardware – This 24-hour class begins with classroom discussion of door hanging principles including Code requirements and manufacturer's instructions. Students will then learn how to hang and adjust doors with emphasis on commercial applications. Proper power and hand tool usage and safety will be stressed. Students will install exit devices and door hardware. Maximum class size is 8.

First Aid & CPR & Blood Borne Pathogens – This 16-hour course will deliver the knowledge and skills needed to respond to various jobsite emergencies including airway obstruction, rescue breathing cardiac emergencies and CPR. Qualification cards will be issued upon completion. Maximum class size is 12 students per Instructor.

Forklift (Industrial) -This 8-hour course is designed to provide basic training in the safe operation of industrial (warehouse) forklifts. The course covers regulations, safety requirements, the operation of gas and diesel powered forklifts and the movement and placing of loads.

Forklift (Rough Terrain) - This 8-hour course is designed to provide basic training in the safe operation of rough terrain forklifts. The course covers regulations, safety requirements, the operation of gas and diesel powered forklifts and the movement and placing of loads.

Hilti – This 4-hour class instructs students in the safe use of powder actuated tools. Upon completion of this class students will receive an authorized user's card from Hilti. Maximum class size is 12.

Intro to Burning -This 16-hour course focuses on basic applications in oxy-acetylene cutting in all positions. Topics include safety procedures and metal burning characteristics. Maximum class size is 10.

MSDS - This 8-hour class is designed to teach students how to read and understand Material Safety Data Sheets on chemicals. These MSDS's describe how these chemicals can enter the body and provide physical data such as the flash point and or flammability of a chemical. Participants will learn how to look up chemicals and retrieve information on their hazards. Maximum class size is 24.

Metal Framing -This 32-hour course introduces the materials, tools and fasteners used to construct metal framing. Students will also learn layout and construction techniques as well as installation and basic finishing of drywall. Maximum class size is 10.

OSHA 10 – This 16-hour course complies with the U.S. Department of Labor requirements for making our jobsites safer and to limit jobsite accidents and injuries. This Construction Safety course provides an overview of the OSHA safety and health standards for the construction industry. Participants learn about the rights and responsibilities of both the employee and the employer. Certification cards will be issued upon completion. Maximum class size is 40.

OSHA 30 – This 40-hour construction safety course provides a more in-depth view of the OSHA safety and health standards for the construction industry. Participants learn about the rights and responsibilities of both the employee and the employer. Certification cards will be issued upon completion. Maximum class size is 40.

Print Reading – Basic – This 24-hour course is designed to introduce and/or reinforce information commonly found in construction prints and job site drawings. This includes abbreviations, symbols, and drawing conventions. Maximum class size is 12.

Print Reading – Intermediate – This 24-hour course includes residential and light commercial types of plans, specifications, abbreviations and symbols. Specific building materials and trade coordination, reflecting current materials and code standards based on actual jobs will be presented. Maximum class size is 12.

Print Reading – Advanced – This 24-hour course is designed to introduce and/or reinforce information commonly found in prints. These include symbols, abbreviations, door and room schedules, elevation views, and detail sections and hands-on layout. Students will work from a set of prints to develop more experience and confidence related directly to various jobsites. Maximum class size is 12.

Rigging – This 40-hour course covers basic rigging hardware and rigging practices. Topics to be covered will include wire rope construction, hardware inspection for serviceability, knot tying and splicing, sling configurations and calculations for sling tension. All applicable OSHA regulations will be discussed. Course session will include hands-on rigging practice with a hydraulic crane using hand signals and voice commands with a 2-way radio. Qualification cards will be issued upon completion. Maximum class size is 12.

Scaffold Erector 40 – This 40-hour course includes assembly techniques for frame, tube and clamp, and systems scaffolds. Scaffold access and egress and safe use guidelines are discussed as well as fall protection and falling object protections. The course emphasizes safety during scaffold operations. Qualification cards will be issued upon completion. Construction fall protection is recommended as a prerequisite. Maximum class size is 16.

Stair & Roof Construction – This 24-hour course is designed to instruct students in the construction of stair stringers and common rafters. Emphasis will be placed on the use of the framing square. Maximum class size is 12.

Total Station – This 32-hour course introduces students to the use of total station for building layout. The builder's level class is a prerequisite for this class. Maximum class size is 6.

Total Station 2 – This 32-hour course will reinforce concepts relating to set-up and use of the Total Station. Participants will use a data collector to create a new job and enter control points and building points, review set up of the Total Station, and layout a small building project. Other practical applications of the Total Station equipment will include Side shots, Resection, Point in Direction, and laying out multiple points on a line. The Total Station class is prerequisite for this class. Maximum class size is 6.

Traffic Control Person -This 4-hour course is a must for construction workers or for any person who deals with traffic control as part of their work. A summary of the topics covered are personal protective equipment and devices, safe traffic control procedures and set-ups, communication and traffic control zones. This course includes classroom theory and on-road practical applications. Maximum class size is 20.

Trim Essentials – This 8-hour course covers basic cutting and coping, base, chair rail, and crown molding. Maximum class size is 12.

The MACTC can craft specialty classes to meet the specific needs of our members and signatory contractors. If you need a special class or have ideas about more popular topics, please call the MACTC Director at (301) 736-1696 to discuss the possibilities.