

SHOTCRETE / GUNITE

40-hr course designed to provide laborers with proper safety techniques and hands-on skills in all phases of Shotcrete work. An emphasis is placed on dry nozzle man techniques and surface and structural concrete repairs. Most of class is taught outside.

PROPER ATTIRE AND LONG SLEEVE SHIRT.

FLAGGER SAFETY

Safety information for flaggers is provided to address an area where 1/3 of highway work zone workers suffer fatalities each year. Proper positioning, use of personal protective equipment, flagging techniques, and suggestions on dealing with the general public is covered.

MUST RECERTIFY EVERY 3 YEARS.

CUTTING & BURNING

24-hr course covering proper techniques in oxygen-acetylene cutting of iron and steel. Students set up cylinders, hook up regulators, and check for cylinder leaks. Other materials used for the course are liquid oxygen and propane. Plasma arc and lancing rod cutting also covered.

PROPER WORK ATTIRE REQUIRED.

MASON TENDING

40-hr course emphasizing hands-on exercises. Topics include tools and equipment, mortar mixing and specific calculations, material estimating and stocking, scaffolding and pertinent safety information. Also covers basic use of builder's levels and transit.

PROPER WORK ATTIRE REQUIRED.

POWDER-ACTUATED TOOLS

8-hr course providing an overview of the types of powder-actuated tools and safety precautions for operators and co-workers. It includes hands-on training for basic operation.

PROPER WORK ATTIRE REQUIRED.

SKID STEER

16-Hr course covering basic safety and fundamentals of operating a skid steer and use of attachments. Includes hands-on training, simulating job-like conditions such as: obstacle course, and moving planks, block and debris.

PROPER WORK ATTIRE REQUIRED.

PIPE FUSION

This 8-hr course introduces trainees to the safety procedures and techniques of using heat and pressure to fuse polyethylene pipe.

FORK LIFT (ROUGH TERRAIN)

40-hr course designed to give hands-on instruction in operating the equipment.

*PROPER WORK ATTIRE REQUIRED.
REFRESHER REQUIRED EVERY 3 YEARS.*

GLOBAL POSITIONING DEVICES (GPS)

40-hr course combines classroom training and extensive hands-on field exercises in the principals of operation, application, and measuring techniques used in GPS systems and also C.O.G.O. (coordinate geometry) software functions.

Note: *Passing grade of 80% on both exams and hands-on exercises needed to pass class.*

*PREREQUISITES: 24-hr Line & Grade; 24-hr Blueprint (Heavy/Highway) also recommended.
PROPER WORK ATTIRE REQUIRED.*

I.C.R.A.

24-hr course that introduces students to containment issues and requirements within a hospital setting. Hands-on exercises building containment areas, as well as conduct and awareness training are discussed.

*COURSE IS REQUIRED FOR WORK
AT UPMC HOSPITALS.*

FIRST AID / CPR / AED

8-hr course. Hands-on training session developed by the American Red Cross. Completion of course meets OSHA requirements and provides the worker with CPR and First Aid certification.

REFRESHER REQUIRED EVERY 2 YEARS.

PIPELINE TECHNOLOGY

An 80-hr course, covering the general process of installing a Transmission pipeline (e.g. natural gas, crude oil, and other products), for those CCL's with little or no pipeline experience. Classes focus on learning each crew's responsibilities, work processes, & safety issues. Specific safety & skills training related to the 10 most frequently needed "Covered Tasks" are incorporated. Veriforce Qualification will be given to all members upon completion.

***PROPER WORK ATTIRE INCLUDES:
WORK BOOTS, WORK SHIRT, WORK PANTS**



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WESTERN PENNSYLVANIA LABORERS'

TRAINING CENTER



LABORERS' TRAINING CENTER



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Laborers' District Council of Western Pennsylvania

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MICHAEL LAQUATRA

APPRENTICESHIP COORDINATOR

OSHA CONSTRUCTION SAFETY & HEALTH

10 or 30-hr course provides trainees with information on the contents of the OSHA 1926 Code of Federal Regulation standards to fulfill OSHA's training requirements. Trainees learn about standards that should be adhered to on construction sites and issues in creating a safe and healthy work environment. NOTE: 10-hr course will be split into two 6-hr days, per OSHA standard.

ASBESTOS ABATEMENT WORKER

40-hr course for asbestos abatement worker training approved in all EPA Regions. Course focuses on the hazards of asbestos, specific procedures used on the job and legal rights of workers. Participants are actively involved in learning through "hands-on" exercises. Information is provided on contracts, insurance and liability issues, respirators and fit testing, record keeping, air monitoring and supervisory techniques.

*PROPER WORK ATTIRE REQUIRED.
ANNUAL REFRESHER REQUIRED.*

ASBESTOS ABATEMENT SUPERVISOR

Builds on the information provided in the 40-hr Asbestos Abatement Worker course. Emphasis is placed on enhancing leadership and communication skills.

*PROPER WORK ATTIRE REQUIRED.
ANNUAL REFRESHER REQUIRED.*

HAZARDOUS WASTE WORKER COURSE

80-hr course exceeds the minimum requirement (1910.120) of 40 hours of initial off-site instruction for employees involved in hazardous waste operations under CERCLA, RCRA, or state or local governments. Course content covers legal rights, health effects, hazard recognition and site safety, personal protective equipment, decontamination, site safety and health plans, safe handling techniques, sampling and air monitoring techniques, and community relations. Trainees are required to complete hands-on exercises on a mock hazardous waste site. Also includes 8-hr confined space instruction.

*PROPER WORK ATTIRE REQUIRED.
ANNUAL REFRESHER REQUIRED.*

HAZARDOUS WASTE WORKER (40-HR)

A slimmed down 40-hr version of our 80-hr Hazardous Waste class. It is condensed, with less hands-on and skills.

HAZARD COMMUNICATION

Revamped 4-hr course meeting the OSHA requirements of 1910.1200, with added global harmonization requirement. Strongly recommended that all members take as either a refresher (if they've had it already), or an initial course.

LEAD ABATEMENT WORKER

40-hr course providing workers with information and abatements used to safely remove or encapsulate various materials containing lead. Topics include problems and possible solutions, current regulations, worker safety, preparation, containment and clean-up of lead contaminated areas. About one third of class time will include hands-on training.

*PROPER WORK ATTIRE REQUIRED.
ANNUAL REFRESHER REQUIRED.*

LEAD ABATEMENT SUPERVISOR COURSE

Builds on the information provided in the Lead Abatement Worker course and provides abatement supervisors with information on their responsibilities during abatement projects.

*PREREQUISITE: 40-HR LEAD ABATEMENT
WORKER RECOMMENDED.*

*PROPER WORK ATTIRE REQUIRED.
ANNUAL REFRESHER REQUIRED.*

MICROBIAL REMEDIATION

24-hr course introduces trainees to the emerging field of microbial remediation and includes lectures and hands-on training. Microbial remediation is performed in buildings where indoor air quality has been affected or where occupants are suffering from potentially serious health effects of exposure to toxic microbes (e.g., mold, mildew, bird/bat droppings, bacteria, viruses).

PROPER WORK ATTIRE REQUIRED.

PIPELAYING

32-hr course designed to provide laborers with the knowledge and hands-on experiences to become a skilled and productive member of a pipelaying crew. The course includes general techniques, shoring, line and grade, manholes and inverts, gravity flow systems and pressure pipe systems. Includes laser certification.

PROPER WORK ATTIRE REQUIRED.

ROD TYING

40-hr course that introduces various types, shapes and diameters of reinforcing steel, with the hand tools utilized for placement and securing. Special emphasis placed on layout and framework of the projects that you will build.

PROPER WORK ATTIRE REQUIRED.

40-HR CONCRETE COURSE

Course includes safety, preparation testing, placement and consolidation procedures. Curing, stripping and clean-up will also be covered to properly assist associated crafts.

PROPER WORK ATTIRE REQUIRED.

RIGGING & SIGNALING

40-hr course in which students learn how to tie knots and hitches used in construction activities. The safety hazards associated with ropes, cables, slings, rigging hardware, lift capacities, load weights and sling angles are discussed. Students also learn about the responsibilities of flaggers, and will work with a crane and operator to learn how to communicate and properly make lifts.

PROPER WORK ATTIRE REQUIRED.

32-HR SCAFFOLD BUILDING

Provides basic techniques, rules and regulations on ladders and scaffolds. Also included is basic fundamentals and hands-on procedures for building outside and inside corner, radius and incline scaffold.

PROPER WORK ATTIRE REQUIRED.

8-HOUR SCAFFOLD USER

This course fulfills all OSHA scaffold training requirements for 29 CFR 1926.454(a). Covers introduction to scaffolds, summary of OSHA standards, general ladder requirements, fall protection, electrical, and loading scaffolds.

PERMIT-REQUIRED CONFINED SPACE

16-hr course provides specific information on hazards associated with confined spaces. Topics covered are entry procedures, confined space permits, personal protective equipment, ventilation and air monitoring procedures.

PROPER WORK ATTIRE REQUIRED.

BLUE PRINT READING (HEAVY)

24-hr course designed for the beginner. You will be introduced to simple structural drawings and develop building and highway plan reading skills.

BLUE PRINT READING (BUILDING)

32-hr course for residential and light commercial buildings designed to teach basic blueprint reading skills from the foundation to the roof. Students will learn how to read plot plans, floor plans, elevations, sections, and detail plans. Terminology, abbreviations, and symbols will also be taught.

COMMERCIAL BLUE PRINT READING

40-hr course covers commercial print reading for both heavy/highway and building trades jobs. More intense course than our basic blueprint reading classes. Emphasis is placed on: site work, structural steel construction, reinforced concrete construction, mechanical & electrical systems, and finish construction. It is recommended, but not required, to have one of our basic blueprint classes first.

BASIC CONSTRUCTION MATH

Designed for those with little to no knowledge of basic construction math and measurements, information discussed is vital for every construction worker to understand, whether apprentice or journeyman, and to be able to apply it in the field. Topics include addition, subtraction, multiplication, division, fractions & decimals, and the basics of percent and volume. Students will complete exercises using measuring systems, squaring principles and basic survey procedures. Pipe laying, concrete placement and project estimating can't be done accurately without the knowledge acquired in this class.

GREEN CONSTRUCTION / WASTE MANAGEMENT

Participants receive instruction on the U.S. Green Building Council LEEDS program for the certification of green construction projects. Topics covered include purchasing materials locally to cut down on transportation time and reduce carbon emissions, utilizing alternative energy (solar, wind, geothermal, etc.), using manual labor vs. machinery when possible, selecting native plant species and using pervious concrete to conserve water.

LINE & GRADE

Comprehensive course designed to provide skills for checking grade. Topics include: measurement systems, slope expressions, construction referencing systems, slope staking, material quantity calculations and others.

PROPER WORK ATTIRE REQUIRED.

AIR AND COMPACTION TOOLS

Course includes safety procedures and techniques, maintenance of pavement breakers, chipping guns, rotary hammer and other air tools associated with the air compressor. Also includes use of plate and shoe tampers and associated drum rollers.

PROPER WORK ATTIRE REQUIRED.