

Steamfitters' Local 420 Building Trades Journeyworker Advancement Courses

Orbital Welding

A 30 hour course designed to familiarize the student with the proper technique in using an orbital welding machine and its associated equipment. This course would also benefit anyone taking the orbital welding certification test.

Medical Gas

This course is designed to familiarize the student with the latest installation procedures mandated by the National Fire Protection Agency (NFPA 99C). At the conclusion of this course, a brazing test will be given and the requirements of NFPA 99C will be strictly adhered to.

Industrial Instrumentation, Calibration

This course is designed to prepare the student for Level 1 and Level 2 UA/IBEW instrument technician certifications. The overall course takes two years at night and meets two nights per week.

Night Welding

Pipe weld certification in accordance with ASME Section IX of the Boiler Code is critical to integrity of industrial and commercial piping systems. This program, that meets two nights per week, prepares the welder for pipe weld qualification tests in the following processes: SMAW, MIG, TIG. Students will be offered qualification tests under the UA/NCPWB program.

Process Safety Management

An 8 hour course taught as needed (usually on one or two Saturdays each month). The PSM card is administered jointly by PALM/Built-Rite, The Philadelphia Building Trades, and the oil and chemical refineries of the Delaware Valley. A refresher course is required every two years. This training or its equivalent is mandatory for entrance in these plants.

Primavera (Computerized Construction Scheduling)

This software package is taught one night a week in a ten week course in one of our computer labs. Basic computer skills and familiarity with the Windows environment are a must. This software (and its competitors) gives owners, contractors, and project controllers the ability to forecast model, schedule, resource/cost manage, report, and data exchange.