

THE FOLLOWING CLASSES ARE REQUIRED COURSES FOR ALL LOCAL # 27 PLUMBER APPRENTICE'S:

FIRST YEAR:

**Related Mathematics
Drawing Interpretation and Plan Reading
Use and Care of Tools
Pipe, Fittings, Valves, Supports, and Fasteners
Job Safety and Health
Soldering and Brazing
Oxy-Fuel Cutting and Welding, and Shielded Metal
Arc Welding
Rigging
Plastic Fusion
Adult CPR / First Aid**

SECOND YEAR:

**Related Science
OSHA 10
Drainage / Plan Reading
Advanced Welding
Plastic Fusion
Adult CPR / First Aid**

THIRD YEAR:

**Advanced Welding
Plumbing Code / Plumbing Math / Drawing
Plumbing Service and Repair
Intro to CAD
Plastic Fusion
Adult CPR / First Aid**

FOURTH YEAR:

**Allegheny County Plumbing Code
Advanced Plumbing Drawing
Advanced Welding
Plastic Fusion
Adult CPR / First Aid**

FIFTH YEAR:

**Medical Gas Installer
Backflow Prevention Tester
Plastic Fusion
Adult CPR / First Aid
Advanced Welding MIG / TIG**

UPON COMPLETION OF THE 5 YEAR PLUMBING PROGRAM, LOCAL 27 PLUMBER APPRENTICE'S WILL BE CERTIFIED OR LICENSED IN THE FOLLOWING:

- 1. Allegheny County Journeymen Plumber License**
- 2. Medical Gas Installer Certification**
- 3. Backflow Prevention Tester Certification**
- 4. OSHA 10 (Occupational Safety and Health Administration)**
- 5. Plastic Fusion (Gas Company)**
- 6. Many Apprentices' will attain their 6 – G Welding Certification. (Gas Company)**
- 7. Some will attain United Association Welding Certifications**
- 8. Adult CPR / First Aid**