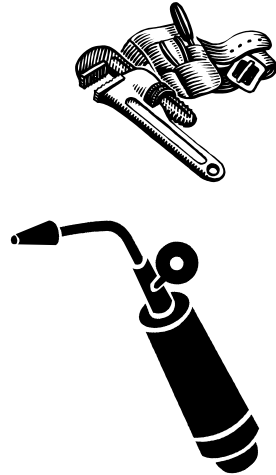


Residential Plumbing Basics

The text book for this class is called Modern Plumbing and it will provide the basic information about the tools, materials, equipment, processes, and career opportunities in the plumbing field. The contents of the book are:

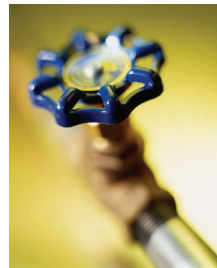
Section 1— Introduction to plumbing:

1. Safety
2. Plumbing Tools
3. Leveling Instruments
4. Mathematics for Plumbers
5. Hydraulics and Pneumatics
6. Print Reading and Sketching
7. Rigging and Hoisting
8. Building and Plumbing Codes
9. Soldering, Brazing and Welding
10. Excavating



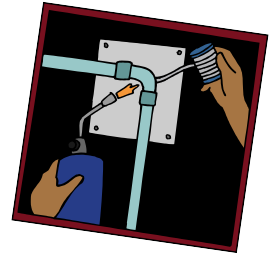
Section 2—Plumbing Systems:

1. Water Supply Systems
2. Water Treatment
3. Plumbing Fixtures
4. Piping Materials and Fittings
5. Valves and Meters
6. Water Heaters



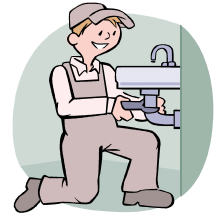
Section 3—Plumbing System Design and Installation

1. Designing Plumbing Systems
2. Preparing for Plumbing System Installation
3. DWV Pipe and Fitting Installation
4. Installing Water Supply Piping
5. Supporting and Testing Pipe
6. Installing Fixtures, Faucets, and Appliances
7. Septic Systems
8. Storm Water and Sumps
9. Installing HVAC Systems
10. Swimming Pools, Hot Tubs, and Spas
11. Irrigation Systems



Section 4 —Plumbing Services

1. Repairing DWV Systems
2. Repairing Water Supply Systems
3. Remodeling



Section 5 —Career Development & Plumbing History

1. Job Organization
2. Plumbing Career Opportunities
3. Plumbing History

