SECTION HEADING

PLMB 1102: Plumbing Installation and Fixtures I

Description

Plumbing Installation and Fixtures I expands on PLMB 1101 to begin construction systems for residential and light commercial structures. Safe methods of handling and installing piping in accordance with Minnesota State Plumbing Code and general industry accepted standards will be emphasized. Both copper and plastic materials will be utilized in installations. Common fixtures, faucets and valve selection and installation will be included in lab activities. Proper structural support will be included.

Credits

4

Prerequisite

None

Corequisite

None

Topics to be Covered

1. Installation and repair fixtures, faucets, various valves

2. Safe methods of handling and installation

3. Minnesota State Plumbing Code for installation

4. Use of hand, power cutting, measuring and pipe assembly tools

5. Proper structural support

Learning Outcomes

1. Identify and comprehend materials and methods of hanger installation

2. Install DWV piping in structures

3. Install water piping in structures

4. Apply safety procedures and techniques.

5. Interpret code to assure installation compliance.

6. Utilize tools in safe and effective manner.

7. Select appropriate fixtures for customer expectation.

8. Install fixtures per manufacturer’s standards.

9. Test systems per code requirements.

Credit Details

Lecture: 1

Lab: 3

OJT: 0

MnTC Goal Area(s): None