

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

DEPT. PLMB

COURSE NUMBER: 1132

NUMBER OF CREDITS: 3

Lecture: 2 Lab: 1 OJT 0

### Course Title:

Plumbing Repair and Service

### Catalog Description:

Plumbing Repair and Service will teach how to fix and repair all piping and fixtures in a residential setting.

### Prerequisites or Necessary Entry Skills/Knowledge:

None

### FULFILLS MN TRANSFER CURRICULUM AREA(S)

- Goal 1: Communication: By meeting the following competencies:
- Goal 2: Critical Thinking: By meeting the following competencies:
- Goal 3: Natural Sciences: By meeting the following competencies:
- Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
- Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
- Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
- Goal 7: Human Diversity: By meeting the following competencies:
- Goal 8: Global Perspective: By meeting the following competencies:
- Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
- Goal 10: People and the Environment: By meeting the following competencies:

### Topics to be Covered

Fixing and repairing all piping and fixtures in residential setting

### Student Learning Outcomes

Repair facets and toilets.

Demonstrate how to operate a sewer machine.

Demonstrate how to replace existing waterlines and drain lines.

Trouble shoot water closet problems that occur.

Repair and replace existing cast iron piping with approved materials.

Repair shower valves and replace cartridges, rubbers and springs.

Operate a sewer machine and repair various parts of the machine.

Demonstrate what sewer machines and used for different situations.

Demonstrate how to repair faucets and different types of water lines.

**Is this course part of a transfer pathway: Yes  No**

Revised Date: 2/14/2022