

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

COURSE OUTLINE

DEPT. PLMB

COURSE NUMBER: 1122

NUMBER OF CREDITS: 1

Lecture: 1 Lab: 0 OJT: 0

Course Title:

Print Reading I

Catalog Description:

Print Reading I introduces students to fundamental print reading skills. Students will read building plans and pipe diagrams, interpret floor plan elevations, draw isometric views and sketch working drawings.

Prerequisites or Necessary Entry Skills/Knowledge:

None

FULFILLS MN TRANSFER CURRICULUM AREA(S) (*Leave blank if not applicable*)

- 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

Fundamental components of building plans and drawings

Plumbing & HVAC symbols, blueprint terms, welding symbols

Interpret and draw simple plans

Student Learning Outcomes

Read architect's scale.

Interpret and draw simple floor plans

Analyze rough-in drawings.

Design underground and drainage, water, waste and vent systems

Design and size water distribution piping.

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

***If yes, please list the competencies below**

Revised Date: 1/18/2022