Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. PLHT

COURSE NUMBER: 1115

NUMBER OF CREDITS: 1  Lecture: 1  Lab:  Click or tap here to enter text.

Course Title:
Print Reading I

Catalog Description:
Introduce 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.

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:

Prerequisites or Necessary Entry Skills/Knowledge:
None
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

1) Read architect’s scale.
2) Interpret and draw simple floor plans.
3) Analyze rough-in drawings.
4) Design underground and drainage, water, waste and vent systems.
5) Design and size water distribution piping.

Is this course part of a transfer pathway: Yes ☐ No ☒

Revised Date: May 2020