## PLBT 1201 SYLLABUS

<table>
<thead>
<tr>
<th>Course Number Course Name</th>
<th>PLBT 1201 Plan Reading/Drawing</th>
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<tbody>
<tr>
<td>Credit Value (Breakdown of theory and lab credits)</td>
<td>1 (1 Lab)</td>
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### Catalog Course Description
This course will emphasize the skills needed to properly interpret building prints and the ability to draw isometric sketches in the field to be pre-fabricated in a shop environment. Areas covered include basic drawing tools, measuring tools and lettering; graphic symbols for pipes, fittings and valves; interpretations of technical diagrams; interpretation of isometric drawings; and drawing three view, plan view and elevation view representations. Pre-requisites: None

### Student Learning Outcomes/Objectives /Competencies of the Course
- Demonstrate proper use of an architect’s scale.
- Identify graphic symbols for various pipes, valves and fittings.
- Interpret technical diagrams correctly of various piping schemes for installation.
- Prepare isometric drawings based on assigned schemes.
- Drawing Interpretation and Plan Reading

### College-Wide Student Learning Outcomes
*College Wide Student Learning Outcomes:
  - Communication
  - Critical Thought*