



PLBT 1201 SYLLABUS

Course Number Course Name	PLBT 1201 Plan Reading/Drawing
Credit Value (Breakdown of theory and lab credits)	1 (1 Lab)
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	<p>Student Learning Outcomes:</p> <ul style="list-style-type: none"> • 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	<p><i>College Wide Student Learning Outcomes:</i></p> <p><i>Communication</i></p> <p><i>Critical Thought</i></p>