



PLBT 1303 SYLLABUS

Course Number Course Name	PLBT 1303 Layout and Design
Credit Value (Breakdown of theory and lab credits)	2 (1.5 Theory and 0.5 Lab)
Catalog Course Description	This course begins examining the principles and practices of metal fabrication including layout, design, and support techniques. Students are exposed to basic weld pipe, weld fittings, weld symbols, offsets, supports, and screwed pipe. Related math calculations and cutting techniques are utilized to prepare students for entry into pipe fitting related fields. Pre-requisites: None
Student Learning Outcomes/Objectives /Competencies of the Course	<p>Student Learning Outcomes:</p> <ul style="list-style-type: none"> • The student will show competency in following safety protocol • The student will properly read and identify various weld symbols and layout drawing types • The student can properly measure and layout basic projects following blueprints • The student can identify weld fittings and types of pipe • The student can identify supports
College-Wide Student Learning Outcomes	<p><i>College Wide Student Learning Outcomes:</i></p> <p><i>Cultural Sustainability</i></p> <p><i>Information Competency</i></p>