



PLBT 1304 SYLLABUS

Course Number Course Name	PLBT 1304 Cutting and Beveling
Credit Value (Breakdown of theory and lab credits)	2 (0.5 Theory and 1.5 Lab)
Catalog Course Description	Students will be introduced to Cutting, Beveling & Safety Protocols by exploring protocols and procedures for safety of cutting with various methods, including oxy fuel gas cutting, plasma cutting, chop saws, and portable band saws. The course will also address jobsite safety and hazardous substances. Methods of grinding, beveling, cutting, gouging will be explored. Weld joints, types & designs will be studied. Pre-requisites: PLBT 1303 Layout and Design
Student Learning Outcomes/Objectives /Competencies of the Course	<p>Student Learning Outcomes:</p> <ul style="list-style-type: none"> • The student will show competency when using various cutting techniques • The student will be able to identify weld joints, types and designs in various applications • The student will demonstrate jobsite safety with regard to cutting, arc welding, and hazardous substances
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>