



## PLBT 2202 SYLLABUS

<b>Course Number Course Name</b>	PLBT 2202 Pipefitter Installer Code
<b>Credit Value (Breakdown of theory and lab credits)</b>	2.0 (1.5 Theory and 0.5 Lab)
<b>Catalog Course Description</b>	<p>The Pipefitting Installer course will coach the apprentice on how to properly locate required rules and regulations in the Uniform Mechanical Code book in effect as it pertains to the State Pipefitting Installers License testing. Topics covered include administrative rules, definitions, general regulations and the rules of installing piping for combustion air, vents, boilers/steam vessels, hydronics and process piping. Proper pipe/tubing data, valves, fittings and joints as well as their limitations in various systems will be discussed. Pipe offsets &amp; welding take off calculations will also be covered.</p> <p>Prerequisite: PLBT 2200 Mechanical Code</p>
<b>Student Learning Outcomes/Objectives /Competencies of the Course</b>	<p>Student Learning Outcomes:</p> <ul style="list-style-type: none"> <li>• The student will show competency in location information in the code book and NMAC quickly &amp; accurately</li> <li>• The student can quickly locate clearance, installation and safety device requirements for boilers, steam vessels and hydronic systems</li> <li>• The student can properly locate rules and regulations on Hazardous Process Piping and safety standards associated with it</li> <li>• The student can site proper pipe/tubing data, valves, fitting and joints associated with various installations presented by the instructor</li> <li>• The student can correctly perform offset and fitting take-off calculations</li> <li>• The student has the capability of taking and passing the State Examination for Journeyman Pipefitter Installer License</li> </ul>
<b>College-Wide Student Learning Outcomes</b>	<p><i>College Wide Student Learning Outcomes:</i></p> <p><i>Cultural Sustainability</i></p> <p><i>Critical Thought</i></p>