

## PLBG1137 - Water Distribution

Credits:	3 (3/0/0)
Description:	This course will familiarize the learner with water supply and distribution and the rules for sizing a water supply system as applicable to the Minnesota Plumbing Code and the North Dakota Plumbing Code. Drawing isometrics will be introduced.
Prerequisites:	• PLBG1123
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Explain key points of water distribution in the Minnesota Plumbing Code and the North Dakota Plumbing Code.</li><li>2. Size the main water supply to a building.</li><li>3. Size the building water supply and branch lines.</li><li>4. Size a home-run type of water supply system.</li><li>5. Demonstrate the ability to extrapolate information from water distribution tables.</li><li>6. Demonstrate the ability to perform basic math functions in regard to friction loss, atmospheric pressure and building height and length.</li><li>7. Draw individual fixture water supply isometrics.</li><li>8. Draw fixture group water supply isometrics.</li><li>9. Draw a building main water supply and branch line isometric.</li></ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.