

## GAS2002 - Gas Utility Field Training III

Credits:	5 (1/4/0)
Description:	This course provides practice in gas utility tasks with a focus on gas mains. The students have theory and applied training with the installation and repair of steel gas mains and services, line testing and leak detection procedures,
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Illustrate steel gas main distribution systems.</li> <li>2. Assemble steel pipe according to manufacturer's specification.</li> <li>3. Demonstrate welding steel pipe.</li> <li>4. Apply relevant technologies in the protection of steel systems from corrosion.</li> <li>5. Describe gate and regulation stations.</li> <li>6. Describe housepiping codes.</li> <li>7. Demonstrate the installation of gas housepiping.</li> <li>8. Describe the propane gas industry.</li> <li>9. Recognize types of propane containers.</li> <li>10. Recognize and demonstrate the differences between propane and natural gas installations.</li> <li>11. Explain and model good customer service.</li> <li>12. Demonstrate joining plastic pipes mechanically.</li> <li>13. Examine corrosion protection for steel mains.</li> <li>14. Outline tapping and stopping steel gas mains.</li> <li>15. Outline natural gas fire control.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.