

## GAS1000 - Gas Utility Field Training I

Credits:	4 (2/2/0)
Description:	This is an introductory laboratory course that prepares students for basic field utility work, including safety procedures and equipment operation. This course focuses on hands-on application and is intended to help students become confident in safely operating basic gas utility equipment.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Explain the characteristics and hazards of propane and natural gas.</li><li>2. Operate tools in the gas industry in a safe manner.</li><li>3. Operate vehicles commonly used by the gas industry.</li><li>4. Demonstrate the use of personal protective equipment (PPE).</li><li>5. Operate a backhoe/loader.</li><li>6. Operate trenchers.</li><li>7. Operate compressors.</li><li>8. Join plastic pipes with heat fusion using fusion processes.</li><li>9. Prepare for excavation hazards.</li><li>10. Demonstrate confined space entry and rescue requirements.</li><li>11. Locate underground facilities.</li><li>12. Perform tracer wire connections.</li><li>13. Become familiar with OQ (operator qualifications) used in gas utility industry.</li></ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.