

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"> 1. Explain the characteristics and hazards of propane and natural gas. 2. Operate tools in the gas industry in a safe manner. 3. Operate vehicles commonly used by the gas industry. 4. Demonstrate the use of personal protective equipment (PPE). 5. Operate a backhoe/loader. 6. Operate trenchers. 7. Operate compressors. 8. Join plastic pipes with heat fusion using fusion processes. 9. Prepare for excavation hazards. 10. Demonstrate confined space entry and rescue requirements. 11. Locate underground facilities. 12. Perform tracer wire connections. 13. Become familiar with OQ (operator qualifications) used in gas utility industry.
MnTC goal areas:	None

*Can be taking as a Prerequisite or Corequisite.