

## FIRE2041 - Fire Protection Systems

Credits:	2 (2/0/0)
Description:	This course provides information relating to the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Explain the benefits of the fire protection systems in various types of structures.</li><li>2. Describe the basic elements of a public water supply system, including sources and distribution.</li><li>3. Identify the different types and components of sprinkler, standpipe and foam systems.</li><li>4. Review residential and commercial sprinkler legislation.</li><li>5. Identify the different types of non-water-based fire suppression systems.</li><li>6. Explain the basic components of a fire alarm system.</li><li>7. Describe the hazards of smoke and list the four factors that can influence smoke movement in a building.</li><li>8. Discuss the appropriate application of fire protection systems.</li><li>9. Identify the different types of detectors and explain how they detect fire.</li></ol>
MnTC goal areas:	None

*\*Can be taking as a Prerequisite or Corequisite.*