

## ELEC2230 - Electrical Building Information Modeling

Credits:	2 (1/1/0)
Description:	This course will provide the student with an introduction to Building Information Modeling (BIM) concepts, terminology and application of best practices being used in the electrical industry.
Prerequisites:	• ELEC1130
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Apply basic editing concepts using REVIT modify commands.</li><li>2. Prepare simple electrical plans using REVIT basic drawing commands.</li><li>3. Explain the benefits of Building Information Modeling (BIM).</li><li>4. Explain the use of PDF editing software for estimating and drawing review.</li><li>5. Identify multiple modeling software utilized in BIM.</li><li>6. Explain the use of Global Positioning System (GPS) in the building trades.</li><li>7. Explain the use of total station or TST (Total Station Theodolite) in the building industry.</li></ol>
MnTC goal areas:	None

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