

## 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:	<ul style="list-style-type: none"> <li>• ELEC1130</li> </ul>
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.