

ELEC2246 - Advanced Electronics

Credits:	2 (1/1/0)
Description:	This course provides theory, operation and practical applications of various field-effect transistors, thyristors, photosensitive devices, sensing devices and wave chopping circuitry.
Prerequisites:	• ELEC2211
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none">1. Demonstrate safe work practices.2. Describe variety of sensors and instruments.3. Demonstrate proper use of sensors and instruments.4. Describe open/closed loop control.5. Describe proportional-integral-derivative (PID) control.6. Use calculations to properly calibrate instruments.7. Demonstrate ability to calibrate instruments.
MnTC goal areas:	None

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