

## Course Outline for **CONE2246 — Advanced Electronics**

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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:	CONE2211
Corequisites:	(None)
Competencies:	<ol style="list-style-type: none"><li>1. Demonstrate safe work practices.</li><li>2. Describe variety of sensors and instruments.</li><li>3. Demonstrate proper use of sensors and instruments.</li><li>4. Describe open/closed loop control.</li><li>5. Describe PID control.</li><li>6. Use calculations to properly calibrate instruments.</li><li>7. Demonstrate ability to calibrate instruments.</li></ol>
Goal Areas:	(None)