

## ELEC2211 - Electronic Motor Control

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| Credits:           | 3 (2/1/0)   |
| Description:       | This course provides application of basic theory and operation to electronic motor control including semi-conductors, rectifiers, regulators and amplifiers.  |
| Prerequisites:     | <ul style="list-style-type: none"><li>• ELEC1108</li></ul>  |
| Corequisites:      |   |
| Pre/Corequisites*: |   |
| Competencies:      | <ol style="list-style-type: none"><li>1. Demonstrate safe practices.</li><li>2. Describe the function of electronic components.</li><li>3. Demonstrate proper use of test equipment.</li><li>4. Identify electronic symbols.</li><li>5. Demonstrate ability to properly test component function in and out of circuit.</li><li>6. Demonstrate ability to read electronic schematics.</li><li>7. Analyze complex electronic circuits.</li><li>8. Describe electronic component ratings and thresholds.</li><li>9. Demonstrate ability to interpret original equipment manufacturer (OEM) technical data.</li></ol> |
| MnTC goal areas:   | None  |

\*Can be taken as a Prerequisite or Corequisite.