ELEC1108 - Electrical Circuit Theory

Credits:	4 (2/2/0)
Description:	This course provides the student with an understanding of complex AC circuits, single-phase and three-phase circuit connections, transformer principles and calculations.
Prerequisites:	• ELEC1102
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Exhibit safe electrical practices. 2. Apply the National Electrical Code. 3. Demonstrate advanced meter skills. 4. Trouble-shoot AC circuits. 5. Apply AC electrical formulas. 6. Identify AC circuit components. 7. Evaluate single-phase AC circuits. 8. Evaluate three-phase AC circuits. 9. Construct single-phase AC circuits. 10. Construct three-phase AC circuits. 11. Diagram single-phase AC circuits. 12. Diagram three-phase AC circuits.
MnTC goal areas:	None

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