

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:	 Exhibit safe electrical practices. Apply the National Electrical Code. Demonstrate advanced meter skills. Trouble-shoot AC circuits. Apply AC electrical formulas. Identify AC circuit components. Evaluate single-phase AC circuits. Evaluate three-phase AC circuits. Construct single-phase AC circuits. Construct three-phase AC circuits. Diagram single-phase AC circuits. Diagram three-phase AC circuits.
MnTC goal areas:	None

^{*}Can be taking as a Prerequisite or Corequisite.