ELEC1102 - Introduction to Electric Circuit Theory

Credits:	4 (2/2/0)
Description:	This introductory course provides the student with knowledge of electrical theory including atomic structure, Ohm's law, series circuits, parallel circuits, complex circuits and sine wave principles as related to the National Electrical Code.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Demonstrate electrical safety. 2. Demonstrate basic meter skills. 3. Apply electrical formulas. 4. Describe atomic structure. 5. Apply DC theory. 6. Troubleshoot DC circuits. 7. Diagram DC circuits. 8. Construct DC circuits. 9. Apply National Electrical Code to electrical theory. 10. Identify electrical symbols. 11. Identify AC properties. 12. Identify electrical circuit components.
MnTC goal areas:	None

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

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