PWST1115 - Electrical Foundations

Credits:	3 (1/2/0)
Description:	Electrical Foundations covers the theory and practical operation of electricity. Multi-meters and test instruments are used, giving students the solid foundation they need to understand the more advanced electrical systems covered in future coursework.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Exhibit safety precautions and professionalism. 2. Explain the laws of electricity. 3. Describe electrical circuits. 4. Measure voltage, current and resistance using a multi-meter. 5. Test electrical components. 6. Perform electrical troubleshooting. 7. Perform battery maintenance and testing. 8. Utilize service literature for specifications and analysis. 9. Perform voltage drop and amperage tests.
MnTC goal areas:	None

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

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