AMST2220 - Ignition Systems

Credits:	3 (2/1/0)
Description:	This course will cover the operation of ignition systems. Students will learn how various ignition systems work so they will have the understanding to diagnose and repair ignition problems.
Prerequisites:	
Corequisites:	• AMST1101 • AMST1111
Pre/Corequisites*:	
Competencies:	1. Exhibit safety precautions and professionalism. 2. Interpret service information. 3. Explain and test ignition primary and secondary circuits using a multimeter. 4. Perform ignition service and maintenance on various vehicles. 5. Explain and test using a lab scope to diagnosis primary and secondary circuits. 6. Perform scan tool checks on ignition components using a variety of vehicles. 7. Perform timing adjustments where applicable. 8. Interpret diagnostic flow charts aiding in ignition repairs. 9. Diagnose and explain computer-controlled ignition systems.
MnTC goal areas:	None

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

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