AMST2206 - Body Electrical and Mechanical

Credits:	3 (1/2/0)
Description:	This course teaches diagnosis and repair of interior and exterior lighting, safety devices, comfort systems, convenience accessories, door, window and seat control systems. Students understand, diagnose and repair vehicle security systems, remote functions and safety systems using service information and various scan tools. Students understand the processes for software transfers, updates and reprogramming of electrical modules.
Prerequisites:	• AMST1112
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Exhibit safety and professionalism by maintaining a clean and safe work environment, following OSHA and manufacturer standards. 2. Understand, diagnose and repair exterior and interior lighting systems. 3. Diagnose the electrical inputs and outputs of a body control system's various modules. 4. Use service information to provide current strategies of electrical system operations. 5. Diagnose and test electrical systems using multimeters and scopes. 6. Diagnose and repair electric motor-driven accessories. 7. Diagnose and repair supplemental restraint systems (air bags). 8. Understand, diagnose and repair security/antitheft systems. 9. Diagnose and explain vehicle concerns through the use of flow charts and electronic service information.
MnTC goal areas:	None

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

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