

Body Electrical and Mechanical II

Credits:	2 (1/1/0)
Description:	This course focuses on computer-controlled body components and safety systems. Diagnostics will involve the use of scan tools, multimeters and lab scopes applied to a variety of body controlled devices. Students will learn how controllers communicate with each other through bussed circuits.
Prerequisites:	AMST1101 AMST1111 AMST2206
Corequisites:	None
Competencies:	<ol style="list-style-type: none"> 1. Exhibit safety precautions and professionalism. 2. Diagnose and test various communication circuits. 3. Interpret service information. 4. Diagnose and repair electrical problems using multimeters. 5. Diagnose and repair electrical accessories using a variety of scan tools. 6. Diagnose and repair vehicles with body electrical problems. 7. Diagnose and repair items associated with supplemental restraint systems. 8. Diagnose and test electrical items using a digital scope. 9. Diagnose and test electrical accessories using diagnostic flow charts and electronic service information.
MnTC goal areas:	None