

## AMST2210 - 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:	<ul style="list-style-type: none"> <li>• AMST1101</li> <li>• AMST1111</li> <li>• AMST2206</li> </ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Exhibit safety precautions and professionalism.</li> <li>2. Diagnose and test various communication circuits.</li> <li>3. Interpret service information.</li> <li>4. Diagnose and repair electrical problems using multimeters.</li> <li>5. Diagnose and repair electrical accessories using a variety of scan tools.</li> <li>6. Diagnose and repair vehicles with body electrical problems.</li> <li>7. Diagnose and repair items associated with supplemental restraint systems.</li> <li>8. Diagnose and test electrical items using a digital scope.</li> <li>9. Diagnose and test electrical accessories using diagnostic flow charts and electronic service information.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.