

## AMST2225 - Brakes II

Credits:	3 (2/1/0)
Description:	This class is a continuation of AMST 1105 Brakes I. Students will look at a progression of anti-lock brake, traction control and electronic stability control systems and manufacturer variations of these systems. Students will perform scan tool diagnostics, circuit analysis, circuit repair and bleeding procedures involving anti-lock brake systems. Student will perform on-car operations with brake part replacement, machining of drums and rotors, and hydraulics.
Prerequisites:	
Corequisites:	<ul style="list-style-type: none"> <li>• AMST1101</li> <li>• AMST1105</li> <li>• AMST1111</li> </ul>
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Exhibit safety precautions and professionalism.</li> <li>2. Interpret service information.</li> <li>3. Identify anti-lock brake and traction control systems.</li> <li>4. Perform anti-lock brake and traction control system diagnostics.</li> <li>5. Perform electrical testing and repairs on anti-lock brake control components.</li> <li>6. Perform anti-lock brake system bleeding procedures.</li> <li>7. Interpret electrical schematics as they apply to anti-lock brake systems.</li> <li>8. Perform electronic stability control diagnostics.</li> <li>9. Perform on-car and off-car brake lathe operations.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.