

AMST2225 - Brakes II

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| 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"> • AMST1101 • AMST1105 • AMST1111 |
| Pre/Corequisites*: | |
| Competencies: | <ol style="list-style-type: none"> 1. Exhibit safety precautions and professionalism. 2. Interpret service information. 3. Identify anti-lock brake and traction control systems. 4. Perform anti-lock brake and traction control system diagnostics. 5. Perform electrical testing and repairs on anti-lock brake control components. 6. Perform anti-lock brake system bleeding procedures. 7. Interpret electrical schematics as they apply to anti-lock brake systems. 8. Perform electronic stability control diagnostics. 9. Perform on-car and off-car brake lathe operations. |
| MnTC goal areas: | None |

*Can be taking as a Prerequisite or Corequisite.