

## AMST2233 - Automatic Transmissions I

Credits:	3 (2/1/0)
Description:	This course involves the principles of the multiple systems combined into an automatic transmission. The student will understand planetary gearing, clutch operation, band application and one-way clutching as they pertain to power flow through the transmission. The student will disassemble and make necessary adjustments and repairs on a variety of transmissions. The student will perform transmission fluid and filter changes where applicable.
Prerequisites:	• AMST1101 • AMST1111
Corequisites:	
Pre/Corequisites <sup>*</sup> :	
Competencies:	<ol> <li>Exhibit safety precautions and professionalism.</li> <li>Interpret service information.</li> <li>Inspect and adjust transmission linkages.</li> <li>Perform automatic transmission fluid and filter service.</li> <li>Explain transmission power flow throughout various components.</li> <li>Inspect and adjust clearances of band linkages.</li> <li>Perform inspection of one-way holding clutches.</li> <li>Disassemble and reassemble clutches and test clearances.</li> <li>Perform air pressure tests on automatic transmission components.</li> <li>Inspect and replace bushings and seals where applicable.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.