

## AMST1126 - Engines II

Credits:	3 (1/2/0)
Description:	This course covers the disassembly, diagnosis, measurement, service, assembly and adjustment of engines and components. Cylinder heads, valve trains, cylinder block assemblies, cooling and lubrication systems are thoroughly covered.
Prerequisites:	
Corequisites:	<ul style="list-style-type: none"> <li>• AMST1101</li> <li>• AMST1122</li> </ul>
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Exhibit safety precautions and professionalism.</li> <li>2. Explain and interpret service information.</li> <li>3. Perform base engine diagnosis and interpret data.</li> <li>4. Perform cylinder head service involving machining of valves, guides and seats.</li> <li>5. Perform short block service involving complete cylinder and crankshaft reconditioning.</li> <li>6. Diagnose and repair cooling systems.</li> <li>7. Remove and reinstall engine assemblies.</li> <li>8. Diagnose and repair engine lubrication systems.</li> <li>9. Perform valve system adjustments.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.