

## PWST1302 - Snowmobile I

Credits:	5 (2/3/0)
Description:	This course covers snowmobile engine designs, component identification and engine service procedures. This course also covers snowmobile fuel systems and service.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Demonstrate personal, social, and ethical responsibility.</li> <li>2. Perform manufacturer tool usage.</li> <li>3. Utilize service information.</li> <li>4. Utilize parts look-up information.</li> <li>5. Demonstrate use of precision measuring equipment.</li> <li>6. Identify two-stroke engine designs.</li> <li>7. Describe two-cycle operation and construction.</li> <li>8. Determine two-cycle engine conditions.</li> <li>9. Determine two-cycle engine conditions.</li> <li>10. Identify two-cycle induction systems.</li> <li>11. Understand two-cycle exhaust system designs.</li> <li>12. Understand two-cycle oil mixing procedures.</li> <li>13. Identify different types of carburetors.</li> <li>14. Diagnose fuel systems malfunctions.</li> <li>15. Identify components and passages of a carburetor.</li> <li>16. Understand and repair snowmobile fuel systems.</li> <li>17. Perform carburetor tuning and maintenance.</li> <li>18. Explain engine power and size ratings.</li> <li>19. Identify four-cycle snowmobile technology.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.