

## PWST1025 - Marine Fuel Systems

Credits:	3 (1/2/0)
Description:	Marine Fuel Systems covers carbureted and electronic fuel injection systems on marine products. Students apply the theories of fuel system operation to both two- and four-stroke engines. Included in the course are inspection, troubleshooting, seasonal service requirements and fuel quality testing.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Identify different designs of fuel systems.</li> <li>2. Explain carburetor circuit operations.</li> <li>3. Identify different fuel injection principles.</li> <li>4. Identify different styles of carburetors.</li> <li>5. Explain fuel pump operation.</li> <li>6. Test fuel pump pressures and vacuums.</li> <li>7. Rebuild carburetors according to manufacturer specifications.</li> <li>8. Demonstrate mechanical troubleshooting procedures.</li> <li>9. Test oil pumps for proper operation.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.