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:	1. Identify different designs of fuel systems. 2. Explain carburetor circuit operations. 3. Identify different fuel injection principles. 4. Identify different styles of carburetors. 5. Explain fuel pump operation. 6. Test fuel pump pressures and vacuums. 7. Rebuild carburetors according to manufacturer specifications. 8. Demonstrate mechanical troubleshooting procedures. 9. Test oil pumps for proper operation.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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