

PWST2013 - Power Hydraulics

Credits:	3 (1/2/0)
Description:	This course covers the theory and service of hydraulic systems used on a wide range of off-road applications. Hydro-static transmissions, power steering and power trim system service will be performed. System troubleshooting as well as component service also will be included in this course.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none">1. Perform hydraulic system bleeding.2. Utilize service literature for procedural analysis.3. Rebuild electric motors.4. Analyze wiring systems.5. Rebuild cylinders.6. Perform cylinder/piston inspection.7. Explain hydraulic fluid requirements.8. Explain pressure testing of hydraulic systems.9. Demonstrate shop equipment safety.
MnTC goal areas:	None

*Can be taking as a Prerequisite or Corequisite.