DSET2251 - Advanced Hydraulics

Credits:	2 (1.5/0.5/0)
Description:	This course covers the hydraulic components used in heavy equipment and trucks. This will include hydrostatic transmission, electric over hydraulic control valves and electronic control components. It will also include troubleshooting of live units with proper testing equipment used in up-to-date service centers.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Demonstrate safety procedures. 2. Utilize service publications. 3. Analyze hydraulic schematics. 4. Analyze electric over hydraulic components. 5. Analyze pilot operated hydraulic systems. 6. Analyze hydrostatic drive systems. 7. Analyze load sensing hydraulic systems. 8. Adjust load sensing hydraulic systems. 9. Troubleshoot hydraulic system faults.
MnTC goal areas:	None

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

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