

# **DSL222W : Mobile Hydraulics II**

Mobile Hydraulics II focuses on advanced hydraulic systems, problem solving, troubleshooting, and testing. Students explore load-sensing pressure-compensated systems, proportional-priority pressure-compensated systems, pilot and electrohydraulic control systems, hydrostatic systems, and excavator hydraulic systems. The course places special attention on hydraulic pump control in each of these systems. Students also explore advanced diagnostic techniques using schematics. Students are expected to solve technical problems and write a technical report outlining their procedures and results.

**Lecture Hours** 2

**Lab Hours** 3 **Credits** 3

**Prerequisite Courses**

DSL216W

PHYS215W