



Randy Mayeda  
EPG LAB

ENGINE LAB

# CUSTOMER NEXT GENERATION HYDRAULIC EXCAVATOR SMALL & MEDIUM

## PETERSON UNIVERSITY SESSIONS:

Course fee \$1500\*  
Three days  
24 instructional hours  
8:00 a.m. - 4:00 p.m.

## WHAT TO BRING TO CLASS:

- Safety Glasses
- Work Boots
- Gloves
- Multimeter
- Laptop
  - SIS2.0 if possible

Covers models 313-340.

This course will cover 313 to 340 machine introduction; component locations; monitor functions; electronic control systems; the hydraulic pump system (including the main control valve and return oil system); and implement, swing, and travel systems. Lab exercises will include identifying machine components, monitoring navigation, setting up the security system, programming tools, measuring buckets, and calibrating joysticks, pedals, inertia measurement units, pumps, and main control valve solenoids.

## COURSE OUTCOMES:

- Identify and describe all maintenance and service points
- Identify and describe the electronic controls and monitoring system changes
- Identify and describe the hydraulic system changes
- Test, adjust, calibrate, and troubleshoot the electro-hydraulic system

Contact us or visit [petersonholding.com/university/classes](https://petersonholding.com/university/classes) to learn more.



5450 NE Five Oaks Dr  
Hillsboro, OR 97124  
Dena Sieracki  
[drsieracki@petersoncat.com](mailto:drsieracki@petersoncat.com)



*\*Course fee as of January 1, 2025 and is subject to change at anytime without further notice.*