



Randy Mayeda
EPG LAB

ENGINE LAB

CUSTOMER TIER 4 EMISSIONS SYSTEMS TRAINING

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
 - Functioning ET
 - SIS2.0 if possible

This course is designed for customer technicians with a basic understanding of electronic principles, diesel engine systems, and the fundamental theories related to heavy equipment repair.

This course is designed to provide the participants with a complete system overview of the Caterpillar Tier 4 product. Focusing on the air inlet and exhaust systems, fuel systems, aftertreatment systems, electronic control devices, emissions being targeted for reduction, and the customer capabilities when utilizing Caterpillar Electronic Technician. It will also provide an introductory tutorial to SIS2.0 and SIS2GO platforms.

COURSE OUTCOMES:

- Navigate SIS2.0, SIS2GO, and system schematics during class to demonstrate the ability to find basic service information and publications
- Identify the functionality of selected operations within Caterpillar Electronic Technician (ET) on both Tier 4 Interim and Final product
- Summarize the functions of the various emissions systems on the Tier 4 Final product
- Describe DEF composition, safety concerns, storage requirements, and perform a DEF concentration test during a lab exercise
- Describe the function of the operator warning system and explain the operator inducement strategies
- Identify the emissions being targeted for reduction and explain how Tier 4 Interim and Final achieve these results
- Identify the location of all components related to Caterpillar Tier 4 product
- Describe the flow and function of all components related to the various Tier 4 systems

Contact us or visit petersonholding.com/university/classes to learn more.



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

