



**Blanchard**  
UNIVERSITY

# TECHNICIAN FUNDAMENTALS

// Course#: CTF103

This course will feature web-based training prerequisites to be done on the CAT University website prior to class. The instructor-led training class will cover the fundamental programs used by technicians to look up parts and service information along with troubleshoot diagnostic codes on CAT heavy equipment. It will also cover the importance of Contamination Control, the proper way to take an oil sample, and use of Precision Measuring tools.

## AFTER COMPLETION OF THIS COURSE, STUDENTS WILL:

- Demonstrate the use of SIS 2.0 to look up Parts and Service Information.
- Demonstrate the use of ET to pull Diagnostic codes and configuration information out of CAT ECMs.
- Demonstrate the use of ET to perform Diagnostic tests and calibrations on CAT ECMs.
- Understand the importance of Contamination control in the shop and field settings to help extend component life.
- Understand how to properly take a SOS oil sample.
- Understand different types of measuring tools and what application they are used for.
- Demonstrate the use of different types of measuring tools.

## COURSE LENGTH:

- 3 Days

## PREREQUISITES:

- Basic Computer Skills
- CWS Login with Service Information Access
- Laptop Computer
- CTF103 WBT Prerequisites complete
- ET program
- Comm Adapter 3

Contact us at [BlanchardU@blanchardmachinery.com](mailto:BlanchardU@blanchardmachinery.com)  
for more information and to register.

