



Blanchard
UNIVERSITY

ELECTRICAL FUNDAMENTALS

// Course#: CEL103

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 schematic reading, multimeter use, and basic troubleshooting of electrical circuit faults.

AFTER COMPLETION OF THIS COURSE, STUDENTS WILL:

- Understand the Caterpillar electrical schematic and how to use the schematic to locate part numbers, machine component locations, and how to trace a circuit.
- Understand the use of the digital multimeter for electrical/electronic diagnostics.
- Understand common electrical circuits and the process of diagnosing them.
- Understand electronic component function and diagnostics.
- Understand the use of Electronic Technician for diagnostic purposes.

COURSE LENGTH:

- 3 Days

RECOMMENDED PREREQUISITES:

- CEL103 WBT Prerequisites complete
- ET program
- Comm Adapter 3
- Digital Multi-meter

Contact us at BlanchardU@blanchardmachinery.com
for more information and to register.

