



**Blanchard**  
UNIVERSITY

# MACHINE ELECTRONICS

// Course#: CEL202

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 Analog, Digital, and Frequency input and output components along with related troubleshooting.

## **AFTER COMPLETION OF THIS COURSE, STUDENTS WILL:**

- Identify the types of electronic signals.
- Identify the correct operation of electronic components (input, output, and ECMs).
- Identify the correct service information to diagnose electrical and electronic systems.
- Identify the correct diagnostic tooling to troubleshoot electrical systems.
- Diagnose electrical and electronic problems in machine electrical and electronic systems.

## **COURSE LENGTH:**

- 2 Days

## **PREREQUISITES:**

- CEL103 WBT Prerequisites complete
- CEL103 – Electrical Fundamentals customer course
- CEL202 WBT Prerequisites complete
- ET program
- Comm Adapter 3
- Digital Multi-meter

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

