

## **2023 Electrical Theory and NEC Code Calculations**

**Instructor:** Boyd Bindrup

**Course Provider:** Ogden-Weber Technical College

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**Date of Courses:** Summer and Fall 2024

### **Course Description**

This eight-hour Utah Electrical Continuing Education License Renewal Course reviews the most commonly used Electrical theory and calculations in the 2023 NEC.

### **Course Objectives**

Participants will gain or refresh their understanding of:

- Electrical Theory
- Load Calculations
- Feeder Calculations
- Branch Circuit Calculations
- Electrical Box Fill
- Motor Loads
- Magnetism and Electromagnetics
- Ohm's Law and Watt's Law
- Generators
- Relays and Transformers,
- Protective Devices

### **Course Length**

8 Hours

### **Attendance Requirements**

To receive continuing education credit, students must attend all eight hours.