



WORKFORCE SOLUTIONS

Dates

Nov. 3 - 5, 2026
7:00 a.m. - 3:00 p.m. daily

Location

OCTC Downtown Campus,
Room 15
1501 Frederica St.
Owensboro, KY 42301

Instructor

Steve Southwood

Contact Information

270-686-4485
octc.workforcesolutions@kctcs.edu

3-DAY HANDS-ON TRAINING FOR KENTUCKY FARMERS

Electrical Fundamentals for Farmers

Built for the real electrical work on your operation – barns, shops, grain handling, conveyors, irrigation, and livestock feeders. This practical, hands-on course teaches you how farm electrical systems work, how to work safely around them, and how to install, test, and troubleshoot basic single-phase circuits. Practical farm use first – not code-heavy theory.

YOUR THREE DAYS

- **Day 1 - Safety & Electrical Foundations**
Farm hazards, safe work practices, electricity basics, multimeter use, and single-phase (120/240V) systems.
- **Day 2 - Conductors, Panels, & Circuits**
Print reading, panels, overcurrent protection, wire splices and connections, and lighting and switch wiring.
- **Day 3 - Motors, Troubleshooting, & Capstone**
Motors and motor controls, systematic troubleshooting, and a hands-on agricultural capstone project.

WHAT YOU'LL LEAVE WITH

- Safer work practices around barns and shops
- Single-phase (120/240V) farm power basics
- Reading panels, prints, and overcurrent protection
- Confident use of a multimeter and voltage verification
- Weather-resistant wiring connections
- Motor wiring and basic motor control concepts

\$450 per seat

**Possible funding
opportunities
available

**SEATS ARE
LIMITED.
RESERVE NOW.**

*All participants must
be registered by Oct. 5*

** Small-group, hands-on labs – 24 total hours across three days. Seating is limited to ensure hands-on time for every participant.

OCTC is an equal opportunity employer and education institution. 8/2026_ar