



21740 State Route 676, Marietta, Ohio 45750

Adult Technical Training
Phone: 740.373.6283
Toll Free: 800.648.3695
Fax: 740.376.2240
www.mycareerschool.com

Electrical Systems 40 Hour Training

Instructors: Pat Hulsey, Jack DeVol, Brad Griffin

Total Cost: \$2,000 per student. Minimum 4 students and a Maximum 12 students.

Credentials and Certifications: Washington County Career Center Certificate of Completion

Training Outline:

DC Electricity 20

1. Describe the theory of electron movement.
2. Explain Ohm's Law and the Power Equation
3. Explain the basics of Magnetism.
4. Identify resistance and wattage of resistors.
5. Describe the basics of DC Series Circuits
6. Perform DC Series Circuit Calculations.
7. Describe the basics of DC Parallel Circuits.
8. Perform DC Parallel Circuit Calculations.

AC Electricity 20

1. Explain the property of Inductance.
2. Discuss RL Series Circuits.
3. Discuss RL Parallel Circuits.
4. Explain the property of Capacitance.
5. Discuss RC Series Circuits.
6. Discuss RC Parallel Circuits.
7. Discuss AC RLC Circuits.

Washington County Career Center, Adult Technical Training is Accredited by Accrediting Commission for Career Schools and Colleges (ACCSC). ACCSC holds accreditation with US Dept. of Educ. ACCSC sets multiple Standards of Accreditation by which WCCC must comply to ensure quality programs, experienced instructors, optimal graduation rates, and preferred job placement rates.