



## Electricity I & II

**Course Outline:** The purpose of this course is to prepare students for the workplace. In Electricity I, students develop skills in the installation, operation, maintenance, and repair of residential, commercial, and industrial electrical systems. They also study electrical theory, navigate the National Electrical Code Book, select and install conductors, and work with panel boards, switchboards, and generators. Electricity II continues these skills and expands on electrical theory and mathematical problems related to electricity. The trade portion of both classes is based on text from National Center for Construction Education & Research (NCCER). In conjunction with NCCER we will use Ray C. Mullin's Electrical Wiring Residential and National Electrical Code 2014.

**Materials Required:** (1) 3 ring binder, loose leaf paper, highlighter, pencils, pens

**Grading Scale:** A (90-100), B (80-89), C (70-79), D (65-69), F (below 65)

**Interims:** All students will receive an interim at the middle of each nine weeks. It should be signed by a parent or guardian and returned the next day.

**Assignments:** Assignments will include the following types of work: lab evaluations, vocabulary, chapter questions, worksheets, computer assignments, individual task assignments, collaborative team assignments, and other similar projects. Late work will comply with the school policy.

**Class Expectations:** Electricity students are expected to:

- Follow all school rules
- Be prompt
- Be prepared for class with all materials
- Be courteous and cooperative
- Be respectful
- Be responsible
- Participate in class activities
- **Follow all safety rules & regulations**
- Submit all work on time
- Work area is expected to be cleaned daily
- **Cell phones should be out of sight and not in use during class time**

**Consequences:** Misbehavior and disrespect will not be tolerated in class. If a student is disruptive during times of instruction and individual learning, the following actions will be taken by the teacher: (Depending on severity of misbehavior, levels of action may be skipped.)

- Verbal warning
- Teacher/Student Conference and Parent contact
- Referral to Administration

Parents/Guardians: If you have any questions or concerns, please feel free to contact me at:

CTCC Phone: 821-6213

CTCC email: [bhensley@campbell.k12.va.us](mailto:bhensley@campbell.k12.va.us)

I am looking forward to a great year with your student, and appreciate your continued support!

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“I have read and understand this Electricity I & II course outline.”

STUDENT SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

PARENT SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Please return this portion of the syllabus.