

Electricity I 8533 Syllabus

Campbell County Technical Center



2026-2027

Course Outline: The purpose of this course is to prepare students for the workplace, specifically in the area of Construction & Electrical work. In Electricity I 8533, students develop construction and safety skills in the installation, operation, maintenance, and repair of residential, commercial, and industrial electrical systems. They also study basic electrical theory, select and install conductors, receptacle outlets, switches, and light fixtures and are introduced to the National Electrical Code. The trade portion of the class is based on industry-recognized curriculum from National Center for Construction Education & Research (NCCER) as is credentialing. Course standards, competencies, and sequences are assessed and governed according to the VDOE.

Additional information regarding these standards is available on the VDOE website (<https://www.doe.virginia.gov>) and the CTE resource site (<https://www.cteresource.org/>).

The course shall have contextual instruction and student participation in co-curricular career and technical student organization (CTSO: SkillsUSA) activities to develop leadership, interpersonal, and career skills. We will encourage and facilitate high-quality work-based learning (HQWBL), internships and job opportunities for the students that will provide experiential learning opportunities related to students' career goals and/or interests, integration with instruction, which are performed in partnership with local businesses and organizations.

Materials Required: Laptop, pencils, pens, closed-toed shoes

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

Interim Report: All students will receive an interim report at the middle of each nine weeks.

Assignments: Assignments will include the following types of work: lab evaluations, vocabulary, chapter questions, lecture review quizzes, worksheets, computer assignments via Canvas- Pearson, individual task assignments, collaborative team assignments, and other similar projects. Missed/Make-up Late assignments will comply with the school policy and will be subject to deductions of 10% per day.

Final Exam: Final Exams will be administered and will account for 10% of the overall grade.

Class Expectations: Electricity students are expected to:

*Follow all school rules (including EO33 cellular device policy) *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 complete and on time *Maintain a clean work area

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: Verbal warning, Teacher/Student Conference and Parent/Guardian contact, Referral to Administration. (Depending on severity of misbehavior, levels of action may be skipped.)

MODULE LISTING:

00100 Introduction

00101 Construction Safety

00102 Construction Math

00103 Hand Tools

00104 Power Tools

00105 Construction Drawings

00106 Rigging

00107 Communication Skills

00108 Employability Skills

00109 Material Handling

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

Michael Holmes

Master Electrician # 2710039357

Core Construction Instructor NCCER # 40265250

194 Dennis Riddle Dr, Rustburg, VA 24588

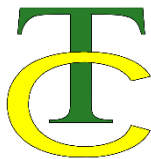
Electrical Instructor NCCER # 40265250

Class C Contractors License # 2705199384

michael.holmes@campbell.k12.va.us

Office: 434-821-6213 (ext. 665)

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



“I have read and understand this Electricity I 8533 course syllabus for the Campbell County Technical Center 2026-2027 year.”

STUDENT SIGNATURE: _____

DATE: _____

PARENT/GUARDIAN SIGNATURE: _____

DATE: _____

Please return this portion of the syllabus to the Campbell County Technical Center.

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STUDENT SIGNATURE: _____

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