

Central Carolina Community College
Careers Electric
2026 CCP Summer Electrical Academy

Academy Dates: June 8 – July 30, 2026
Instructional Weeks (8 Weeks) Late 8 Term
Breaks: July 2 & July 1

Application Link: <https://forms.gle/kUjVrZ8DXpunAs648>

Curriculum (CU) Courses: BPR 130, CST 131, ELC 113

- CST 131: Students enrolled in OSHA 30 Career safe, utilizing the \$350 allotment from grant for each student.

Continuing Education (CE) Courses: WBL, if applicable

 WEEKLY CLASS SCHEDULE (Repeats Weeks 1–8)

Monday

- **8:00 AM – 12:00 PM:** CST 131
- Afternoon: WBL Opportunity

Tuesday — FULL DAY

- **8:00 AM – 9:00 PM: ELC 113 Class**
- **9:00AM - 12:00 PM ELC 113 Lab**
- **1:00 PM - 2:00 PM ELC 113 Class**
- **2:00 PM – 5:00 PM: ELC 113 Lab**

Wednesday

- **8:00 AM – 12:00 PM :** BPR 130
- Afternoon: WBL Opportunity

Thursday — FULL DAY

- **8:00 AM – 9:00 PM: ELC 113 Class**
- **9:00AM - 12:00 PM ELC 113 Lab**

- **1:00 PM - 2:00 PM ELC 113 Class**

- **2:00 PM – 5:00 PM: ELC 113 Lab**

Friday

- **Optional:**
 - Open Lab
 - Make-Up Hours
 - WBL / Job Shadowing
 - Employer visits
 - Tutoring / Skill reinforcement
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 WEEK-BY-WEEK OUTLINE

Orientation for Students & Parents: Week of May 11-15, 2025

- Orientation must be completed before high school ends. If they are graduating seniors, we can enroll them as pre-apprentices, which makes them eligible to receive full apprenticeship benefits.
- Pre-Apprenticeship documents can be completed & orientation
- Orientation Set for **May 12th at 5:30 PM Harnett Main Campus**
- **Parent Information Session: March 19th - Harnett Main Campus 5:30**

Week 1 (June 8-12)

- CST 131: Intro to OSHA / Hand and Power Tools / Electrocutation / PPE
- BPR 130: Introduction to Prints / Specifications / Symbols / Lines / Construction Math
- ELC 113: Intro to Electricity / Electrical Meters & Tools / Wiring Methods & Materials

Week 2 (June 15–19)

- CST 131: Struck By / Caught in & Between / Falls
- BPR 130: Construction Materials / Residential Housing Plans
- ELC 113: Wiring Methods & Materials

Week 3 (June 22–26)

- CST 131: Ladders / Scaffolding / Confined Space / Excavations
- BPR 130: Residential Housing Plans

- ELC 113: Wiring Methods & Materials

Week 4 (June 29–July 3)

- Different Schedule Week of 4th: Class All day Monday & Tuesday. (NO class Wednesday & Thursday).
- CST 131: Online
- BPR 130: Residential Housing Plans (Make up on Monday Afternoon)
- ELC 113: Wiring Methods & Materials

Week 5 (July 6–10)

- CST 131:
- BPR 130: Residential / Commercial Plans
- ELC 113: Wiring Methods & Materials

Week 6 (July 13–17)

- CST 131:
- BPR 130: Commercial Plans
- ELC 113: Service Equipment / Grounding & Bonding

Week 7 (July 20–24)

- CST 131:
- BPR 130: Commercial Plans
- ELC 113: Service Equipment / Grounding & Bonding

Week 8 (July 27–31) — Final Assessments Completion & Wrap-Up

- CST 131:
- BPR 130: Advanced Project / Competency Tests
- ELC 113: Practical Lab Final Exam

AT-A-GLANCE SCHEDULE TABLE

Day	Morning	Afternoon	HR Req.	HRs Met	Format
Monday	CST 131	WBL	64	32	Hybrid
Tuesday & Thursday	ELC 113	ELC 113	128	128	Webassisted

Day	Morning	Afternoon	HR Req.	HRs Met	Format
Wednesday	BPR 130	WBL	48	32	Webassisted
Friday	Options: Make-Up Hours WBL / Job ShadowingEmployer visits Tutoring / Skill reinforcement				

Eligibility Requirements:

- Must be at least 16 years of age
- Must be a current Junior or Senior
- Must have a 2.0 GPA or higher
- Must meet CCP Eligibility requirements
- Must have transportation to the Harnett Main Campus four days a week
- After students apply for the program, they must participate in an interview. During the interview process, the following will be reviewed:
 - Attendance record
 - Teacher Recommendations
 - Behavior records/issues

Application Information:

1. Information sessions at each high school need to be scheduled, and a parent information session should also be scheduled at the Harnett Main Campus.
 - a. January/February HS Visits
 - b. Open Application in February
 - c. Close Apr 1, 2026
 - d. Interview Beginning April
 - e. Send notifications Mid in April
 - f. Link to application: <https://forms.gle/b6ntt8FBEyfkE1di9>

Other NOTES:

- Name may change based on funding
- They will help with Social Media, etc... flyers
- 2 year funding only Summer 2026 & Summer 2027

List of Competencies for OTJ:

- ELC 113, BPR 130 & CST 131 was identified as training for the CCCC Apprentices.
The following competencies are completed during the course work:

ELC 113 Residential Wiring:

1. Identify and demonstrate safe practices and procedures with tools, materials and industry accepted test equipment covered in the course.
2. Demonstrate appropriate use of test equipment, evaluate circuit performance and apply appropriate troubleshooting techniques to residential electrical circuits.
3. Draw, plan and interpret electrical plans and symbols used in residential applications.
4. Identify, size, and install wiring and electrical distribution equipment and devices associated with residential electrical installations in accordance with the National Electrical Code.
5. Recognize and demonstrate appropriate use of tools and materials that are used in residential wiring.

BPR 130 Blue Print Reading

1. Demonstrate proficiency with an Architect and Engineer's scale.
2. Interpret plan, elevation, and section views in Blueprints and Construction Drawings.
3. Identify the vocabulary and parts of the built environment including site, foundation, framing, trades, interior and exterior finishes, and construction materials.

CST 131 OSHA, Safety & Certification

1. Identify construction workplace hazards and implement appropriate mitigation and protection methods.

2. Implement a construction worksite prioritizing the safe and effective use of all typical construction tools, material handling, and equipment operation.
3. Apply critical thinking skills to evaluate, avoid, and mitigate potential unsafe hazards in the workplace.
4. Communicate effectively to demonstrate professionalism in prioritizing a workplace culture of safety.
5. Model a knowledge base and proactive behavior that recognizes the inherent danger in the construction occupation and values a culture of safety.
6. Complete required OSHA 30 training & receive certification.