

# ELECTRICAL TECHNOLOGY

## PROGRAM DESCRIPTION

This program prepares students for an entry-level position in the construction trades industry. This program provides opportunities for students to learn to install, maintain, and repair electrical wiring, equipment and fixtures in accordance with relevant codes. This program curriculum is aligned with National Center for Construction Education Research standardized national skills standards for the construction trades.



## CTE STANDARDS

[SYLLABUS](#)

## SCOPE & SEQUENCE

[CERTIFICATE SHEET](#)

## JOB OUTLOOK

Employment of electricians is projected to grow 14 percent from 2014-2024, faster than the average for all occupations. As homes and businesses require more wiring electricians will be needed to install the necessary components. Electricians with the widest variety of skills should have the best job opportunities.

## COST REQUIREMENTS

Upon Acceptance in to Program -

- AWC Tuition and books paid for by STEDY
- \$ 25.00 STEDY Enrollment fee



# STEDY

[www. STEDYcte.org](http://www.STEDYcte.org)

**STEDY Office**

**928-366-5884**

**[stedy@stedy01.org](mailto:stedy@stedy01.org)**

## STUDENTS REQUIREMENTS

- ◆ English with a "C" or better
- ◆ CTED district resident
- ◆ Enrolled in High School
- ◆ Minimum GPA of 2.0
- ◆ On track with credits/courses towards graduation
- ◆ History of good attendance
- ◆ Two Year Program commitment
- ◆ Transportation is the responsibility of the student; YCAT available at no cost

## Next Steps, College Majors!

(Click the logo to view)



## Electrical Technology

Grade Level: 10, 11, 12      Class: In person  
 Location: AWC Wellton/Online      Times: Vary

Year	Semester	STEDY PROGRAM	College Course	College Credit Hours per Course	Total HS Credit per College Course	Total HS Credit per CTE Course
1	1 Fall	Electrical Technology	Core Curriculum Introductory Craft TEC 100 Skills	5	1	1.5
			ECT 105 Basic Electricity	3	0.5	
1	2 Spring	Electrical Technology	ECT 110 AC/DC Circuits	4	0.5	1
			ECT 115 National Electrical Code	3	0.5	
2	1 Fall	Electrical Technology II	ECT 205 Fixtures and Installation	4	0.5	1
			TEC 165 OSHA 30	3	0.5	
2	2 Spring	Electrical Technology II	ECT 210 Control Circuits	4	0.5	1.5
			ACR 103 Electrical Motors, Circuits, Controls	3	0.5	
			DFT 100 AutoCAD 1 - Drafting	3	0.5	
Total Credits				32	5	
				College	High School	

### Recommended High School courses:

- Algebra
- Physics
- Computers
- Automotive
- Construction
- Engineering