

CAREER PATHWAYS BRIDGE ELECTRICITY

W/HSED 5.09 Option*



RESIDENTIAL WIRING CERTIFICATE

PROGRAM COURSES:

SEMESTER 1:

10-890-101 College 101
31-804-301 Vocational Math

(1 cr) and
(1 cr) and

BE/ELL College 101
BE/ELL Math Academy

SEMESTER 2:

10-449-112 OSHA 30
10-413-317 Fundamentals of Electricity

(1 cr) and
(2 cr) and

BE/ELL OSHA 30
BE/ELL Fundamentals of Electricity

SEMESTER 3:

10-413-314 DC Circuits

(2 cr) and

BE/ELL DC Circuits

SEMESTER 4:

10-413-102 Residential Electrical Code 1
10-413-305 Intro to Residential Circuits

(2 cr) and
(2 cr) and

BE/ELL Residential Electrical Code 1
BE/ELL Intro to Residential Circuits

SEMESTER 5:

10-413-103 Residential Electrical Code 2
10-413-306 Residential Circuits and Design

(2 cr) and
(2 cr) and

BE/ELL Residential Electrical Code 2
BE/ELL Residential Circuits and Design

SEMESTER 6:

10-413-307 Residential Wiring

(2 cr) and

BE/ELL Residential Wiring

Completion of Residential Wiring Certificate – 17 credits

*HSED 5.09 Option—Completion of all Electricity coursework with a “C” or better and completion of the HSED 5.09 Option Supplemental Course will earn Career Pathways Bridge students an HSED credential.

ELECTRICITY TECHNICAL DIPLOMA

Upon completion of the Residential Wiring Certificate, students will have the opportunity to enroll in the **Electricity Technical Diploma** program. The Technical Diploma program is 14 additional credits.

PROGRAM COURSES:

10-413-327 Commercial Wiring Techniques (2 cr)
10-413-303 Industrial Controls (2 cr)
10-413-105 Commercial Electrical Code (2 cr)
10-413-330 AC Circuits (2 cr)
10-413-328 Motors/Transformers (2 cr)
10-413-304 Electric Motor Control (2 cr)
10-413-104 Industrial Code (2 cr)

CAREER PATHWAYS BRIDGE ELECTRICITY

W/HSED 5.09 Option*



Program Description

The Career Pathway Bridge Electricity program prepares students to install, maintain, and service basic electrical equipment used in residential, commercial, and industrial settings. You will earn a certificate in Residential Wiring. The credits you earn from this program are transferrable to the Electricity Technical Diploma and Construction Management Associate Degree.

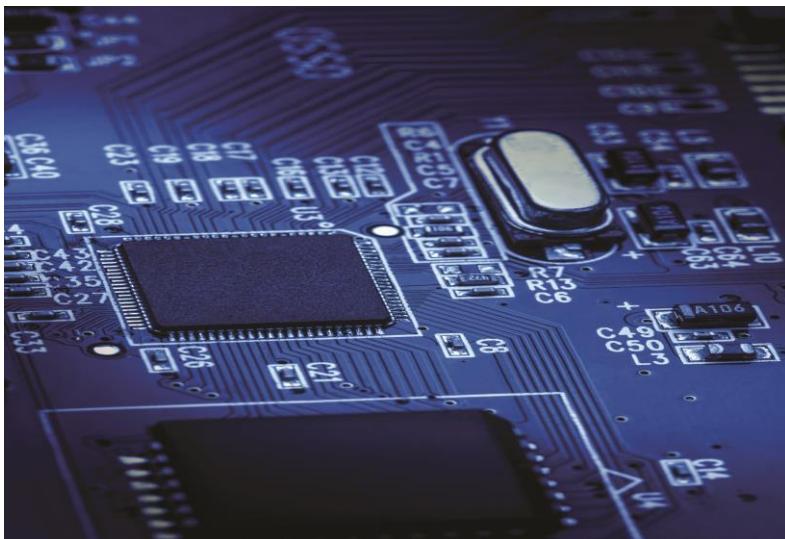
Average Earnings:

\$18-\$25 per hour

Entrance Requirements:

TABE Reading Scale Score – 501

ELL Level 4 through 6
(if applicable)



For more information,
contact:

Shelley Karnz,
Adult Basic Education
Navigator

Phone:
920-491-2693

Email:
shelley.karnz@nwtc.edu

