

Electrical Assistant

- DESCRIPTION:**

Students enrolled in this career option learn to install, diagnose and repair electrical systems for residential applications. This major provides an understanding of the basic fundamentals of electricity and its practical applications, instructs the student in direct current and alternating current circuitry, teaches residential wiring, and gives the student an understanding of the National Electrical Code and how it applies to safe electrical installations. The program is accredited by the ODCTE, State Department of Education

- CERTIFICATIONS/CREDENTIALS:**

- NCCER Level I Electrical
- ODCTE Core Construction
- WorkKeys

Students are also eligible to apply for the Construction Industries Electrical Apprenticeship Card.

- CAREER OPPORTUNITIES:**

- Electrical Assistant
- Electrical Journeyman

- SALARY:** **NWOK (Avg.)\$60,240**

By utilizing the SOC Code (47.2111) for an Electrical Assistant/Electrician www.onetonline.org/link/summary/47.2111, additional information including working conditions, physical requirements, knowledge skills and salary range can be found. Gainful employment is available at <http://www.nwtech.edu/gainful-employment>.

- COST OF ATTENDANCE:**

High School In-District Students - No Tuition Charge

Adult Student Cost	Dependent		Independent	
	In-District	Out-District	In-District	Out-District
Electricians Assistant - 960 Hours				
Tuition and Fees*	\$ 1,920.00	\$ 3,840.00	\$ 1,920.00	\$ 3,840.00
Books, Course Materials, Supplies, and Equipment*	\$ 780.00	\$ 780.00	\$ 780.00	\$ 780.00
Certification/Licensure Expense*	\$ -	\$ -	\$ -	\$ -
Direct Cost of Attendance	\$ 2,700.00	\$ 4,620.00	\$ 2,700.00	\$ 4,620.00
Housing & Food**	\$ 5,463.36	\$ 5,463.36	\$ 11,522.00	\$ 11,522.00
Transportation**	\$ 1,073.16	\$ 1,073.16	\$ 2,263.25	\$ 2,263.25
Miscellaneous**	\$ 3,219.48	\$ 3,219.48	\$ 6,789.75	\$ 6,789.75
Estimated Cost with living expenses	\$ 12,456.00	\$ 14,376.00	\$ 23,275.00	\$ 25,195.00

*Direct costs are items directly related to attending NWTC. **Source: Indirect costs - Southwest Consumer Price Index as of 12/23 - released 1/24.

More information on tuition, fees, estimated cost of attendance, estimated living expenses and financial aid for adult students can be found at <https://nwtech.edu/student-services/financial-aid-tuition/>.

- COURSE INFORMATION** (960 Hours)

Construction Core	120 Hrs.
Electrical Safety in Construction	15 Hrs.
Electrical Theory in Construction	110 Hrs.
Electrical Schematic/Blueprints	45 Hrs.
Direct Current Circuits	50 Hrs.
Alternating Current Circuits	80 Hrs.
National Electrical Codes	120 Hrs.
Electrical Distribution	50 Hrs.
Motor Theory & Operation	20 Hrs.
Motor Control Wiring	20 Hrs.
Residential Wiring	120 Hrs.
Commercial Wiring	120 Hrs.

- INSTRUCTOR:**

Eric Sheik, Instructor
esheik@nwtech.edu

Ben Turner, Instructor Assistant
bturner@nwtech.edu

1801 Eleventh St., Alva, OK 73717
580.327.0344

- SCHEDULES AVAILABLE:**

8:05 am - 11:05 am
12:35 pm - 3:35 pm

Full-time adult students attend both sessions.

- APPLICATION & ADMISSIONS:**

Complete an application at <https://nwtech.edu/student-services/enrollment-process-es/>. For Admission Questions or To Schedule a Visit, Call NWTC at 580.327.0344. Financial assistance is available to adult students who qualify. ID=In-District; OD=Out-of-District

Non-Discrimination Info
English/Spanish

