



Electrical Program of Study

Partner with IEC (Independent Electrical Contractors) of Fort Worth/Tarrant County to prepare for a career in this high-demand, high-wage field.

RECOMMENDED COURSE SEQUENCE

1 Principles of Construction (1 credit) (9-12 Grade)

This course is designed to introduce students interested in construction or crafted skills areas. The course emphasizes construction safety and proper usage of hand and power tools.



2 Electrical Technology 1 & 2 (HCTC) (3 credits) (12th Grade)

Students must take Electrical Technology 1 concurrently with Electrical Technology 2.

Students will follow the IEC (Independent Electrical Contractors) curriculum of Fort Worth/Tarrant County. Successful completion of the program will allow students to earn their first year Electrical Apprenticeship Certification. Students will earn 148 hours of classroom instruction towards the IEC four-year apprenticeship program. Students will have the opportunity to gain hands-on training in preparation for their future careers.

For more information about CTE Course requirements, view our [EMS ISD Course Description Handbook](#) located under the students tab on the [EMS ISD homepage](#).

**Indicates a TEA approved Advanced CTE Course*

A Recommended course is not required.

