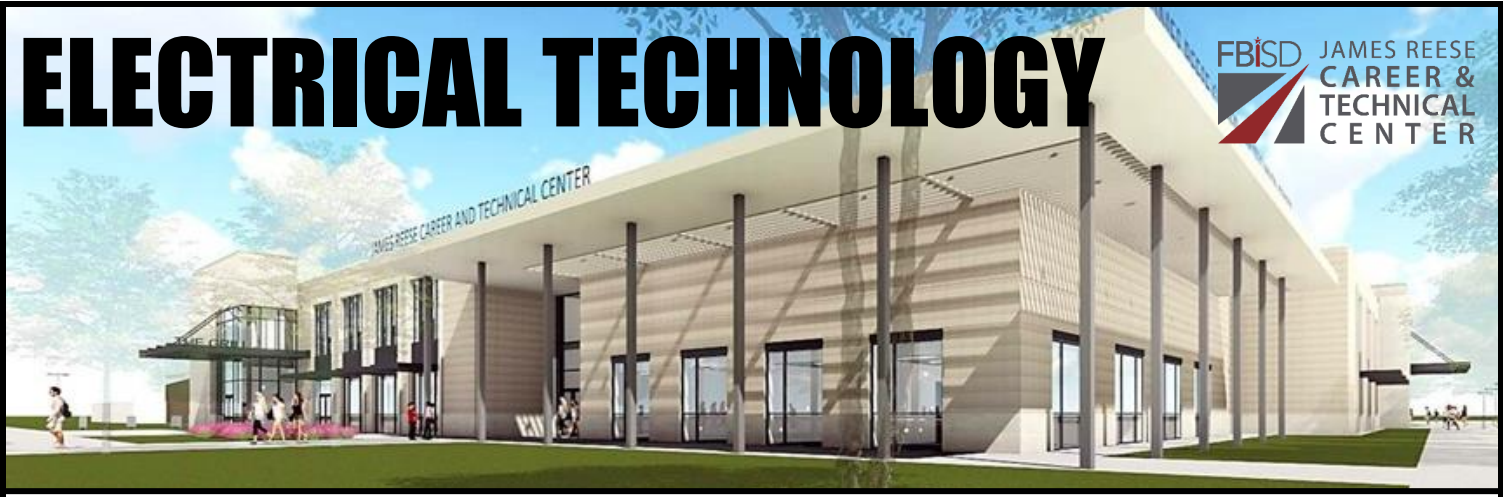


# ELECTRICAL TECHNOLOGY



## Why Reese Center Electrical Technology?

- Program combines electrical theory with hands-on practical experiences
- Curriculum and instructional activities supported by TRIO Electric through partnership with Fort Bend ISD
- Successful completion of the program pathway provides opportunities for direct employment or entry into apprenticeship programs post-graduation
- Industry certification opportunities: Electrical Tech Level I

FBISD CTE Career & Technical Education		ARCHITECTURE AND CONSTRUCTION PROGRAM		
		Electrical Pathway		
#	Course	Credit	Grade	Location
1	<b>Principles of Construction</b> <i>Prerequisite: Concurrent enrollment in Electrical Technology I</i>	1.0	11-12	Reese Center*
2	<b>Electrical Technology I</b> <i>Prerequisite: Concurrent enrollment in Principles of Construction</i>	1.0	11-12	Reese Center*
3	<b>Electrical Technology II</b> (Advanced CTE Course) <i>Prerequisite: Principles of Construction and Electrical Technology I</i>	2.0	12	Reese Center*

### \* Student must apply, be accepted, and commit to the Electrical program in order to take courses at Reese Center.

In **Principles of Construction**, students learn the fundamentals of the construction and skilled craft industry. Through theory and hands-on experience, students gain knowledge of construction safety, construction mathematics, and the practical application of hand and power tools. This course also develops a student's interpretation and understanding of construction drawings.

In **Electrical Technology I**, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor. Students will acquire skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

In **Electrical Technology II**, students continue to build upon knowledge and skills in Electrical Technology I. Students will acquire additional skills in safety, electrical theory, tools, codes, installation of electrical equipment and learn alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.

