

ELECTRICAL CONSTRUCTION TECHNOLOGY



PROGRAM DETAILS

You'll learn extensive hands-on training in both residential, commercial and industrial wiring systems in Electrical Construction. Our program also trains you in electrical theory, OSHA regulations, and even alternate energy technologies. As a graduate, you'll qualify to become an electrical apprentice in almost any field of construction.



Electrical Construction Dual Enrollment Pathway

Course	Course Name	Credit Hours
ELPT 2337	Electrical Planning	3
ELPT 1329	Residential Wiring	3
ITSC 1309	Integrated Software Applications	3
TECM 1303	Technical Math	3

Electrical Construction Certificate I

Course	Course Name	Credit Hours
ELPT 2337	Electrical Planning	3
ELPT 1329	Residential Wiring	3
ITSC 1309	Integrated Software Applications	3
TECM 1303	Technical Math	3
SOLR 1371	Introduction to Solar and Alternative Energy Technologies	3
DFTG 1313	Drafting for Specific Occupations	3
ELPT 1311	Basic Electrical Theory	3
ELPT 1325	National Electrical Code I	3
ELPT 1345	Commercial Wiring	3
OSHT 1305	OSHA Regulations - Construction Industry	3
ELPT 1357	Industrial Wiring	3
ELPT 1681	Cooperative Education - Electrical and Power Transmission Installation/ Installer, General	3

Electrical Program of Study

The Electrical program of study explores the occupations and educational opportunities associated with installing, maintaining, and repairing electrical wiring, equipment, and fixtures. This program of study may also include exploration into installing and repairing telecommunications cable including fiber optics.

TSTC AWARDS	Median Wage
Dual Enrollment Pathway	N/A
Certificate I	\$19-\$28/Hour

CAREER OPPORTUNITIES



Everyone needs electricity in the modern world. From residential, commercial and industrial wiring to job site management, you will learn how to be a vital team player in upgrading and maintaining electrical systems.

At TSTC, we give you the skills you need to have a competitive edge to move ahead in this growing industry. Texas employs the second-highest number of electricians and helpers in the nation — which is not surprising given that the state is first in the country for construction opportunities. It's an industry that will lead to a skilled job that can be grown into a lifetime career.

Electrical Construction Technology

Course Information (PEIMS)

Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
ELPT 2337 Electrical Planning/ Electrical Technology I	13005600 (1 credit)	None	None

Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
ELPT 1329 Residential Wiring/ Electrical Technology II	13005700 (2 credit)	Plumbing Technology I	None

Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
ITSC 1309 Integrated Software Applications/ Practicum in Construction Technology	13005250 (2 credit)	Plumbing Technology I	None