



Level 1 Principles of Construction

Level 2 Electrical Technology I *BLOCKED WITH*
Employability Skills

Level 3 Trio Electrical Technology II **

Level 4 Trio Practicum in Construction – Electrical Tech
II Dual Credit **

Successful completion of a **Program of Study** will fulfill requirements of earning an **Endorsement**.

* District Technology Credit **List Driven Course

***Also offered non Dual Credit

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
NCCER Core	Electrical Plans Examiner	Electrician	Construction Science	Construction Management
OSHA 10- Hour Construction	Certified Electrical Inspector - Master	Communications Systems Installation and Repair Technology		

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.

The Architecture and Construction Career Cluster focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.

Occupations	Median Wage	Annual Openings	% Growth
Electrical Linemen	\$54,184	1,314	28%
Electricians	\$44,013	8,460	21%
Electrical and Electronics Installers	\$37,544	245	19%
Security and Fire Alarm Installers	\$43,638	1,112	22%
Telecommunication Line Installers and Repairers	\$49,150	1,228	10%



WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	WBL Activities:
Shadow an electrician or fiber optics line installer SkillsUSA	Intern or shadow an electrician

COURSE INFORMATION

COURSE NAME	LOCAL COURSE ID	PREREQUISITS (PREQ) COREQUISITES (CREQ)	Grade
Principles of Construction	12030 (1 credit)	None	9-10
Electrical Technology I	12300 (1 credit)	PREQ: Principles of Construction	10-12
Employability Skills	12305 (1 Credit)	PREQ: Principles of Construction	10-12
Trio Electrical Technology II – Dual Credit ** (only for 2022 Sr students)	12303ADC (1 credit) 12303CDC (1 credit)	PREQ: Electrical Technology I	11-12
Trio Practicum in Construction – Electrical Tech Dual Credit	12304ADC (1 credit) 12304CDC (1 credit)	PREQ: Electrical Technology II	11-12

* District Technology Credit **List Driven Course

Recommended Technology Credit = Principles of Information Technology or Principles of Arts, A/V Technology

FOR ADDITIONAL INFORMATION ON THE ARCHITECTURE AND CONSTRUCTION CAREER CLUSTER,
PLEASE CONTACT:

CTE Program Managers

Lori Ghazal – lori.ghazal@aliefisd.net

Julie Perrin – Julie.perrin@aliefisd.net

Campus Career Advisors (CCA)

Madalina Noth (Hastings) – Madalina.noth@aliefisd.net

Mary B. Garza (Elsik) – mary.garza@aliefisd.net

Sharmeka Shannon (Taylor) – Sharmeka.shannon@aliefisd.net



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