

Architecture and Construction
Programs of Study: Electrical Technology

Chapter 127. Texas Essential Knowledge and Skills for Career Development and Career and Technical Education Subchapter D. Architecture and Construction

	1st Six Weeks	2nd Six Weeks	3rd Six Weeks	4th Six Weeks	5th Six Weeks	6th Six Weeks
Principles of Construction	Career and Professional Development	Hazardous Materials and OSHA Training - 10 Hour General Industry Construction	Construction Math and Measuring Practices	Powered Hand Tools	Small Scale Construction Project	Construction Drawings - Part 2
	Workplace Regulations, Safety, and Compliance		Hand Tools	Ergonomic Tools and Safe Material Handling		Construction Drawings - Part 1
Architecture and Electrical Technology 1	Professional Standards, Employability, and Career Planning	Regulations, Codes, and Safety	Project Implementation	Intro to Electrical Technology	Introduction to Electrical Math	Conductor Terminology
			Career Planning			
	Construction Math	Industry Standards and Practices	Project Evaluation and Revisions	Tools and Equipment	Circuit Requirements, Conductor Types, Voltage Drops	Lighting and Box Size/Fill
	Communication Skills	Project Planning				
	Business Basics and Technology Applications		Project Reports	Safety and PPE		
Electrical Technology 2	Course Introduction	Residential Branch Circuits	Residential Appliances and Systems	Circuits and Conductors	Services and Grounding	Apprentice License Testing
	Parallel Circuits and Specialty Lighting				Swimming Pools and Home Automation	Career Planning and Exploration
	Apprentice License Prep					
		Apprentice License Prep	Apprentice License Prep	Apprentice License Prep		