

THE BLUE COLLAR VIRTUAL TRADE SCHOOL - ELECTRICIAN TRAINING



ELECTRICIAN FUNDAMENTALS ~ This competency path will provide you with an excellent foundation in electrical theory, safety and tools of the trade to get you started on your journey towards electrical mastery. This pathway will take you around 10 hours to complete.

Trade Specialty	Course ID	Course Title	Skill Level	Media Type	Continuing Ed Credit
Electrical	ELEC101	Fundamental Electrical Concepts	Beginner	Video	IACET - NATE
Electrical	ELEC103	Electrical Safety	Beginner	Video	IACET - NATE
Electrical	ELEC106	Electrical Tools	Beginner	Video	IACET - NATE
Electrical	ELEC107	Wire Types and Sizes	Beginner	Video	IACET - NATE
Electrical	ELEC111	Electrical Devices	Beginner	Video	IACET - NATE
Electrical	ELEC112	Lockout/Tagout	Beginner	Video	IACET - NATE
Electrical	ELEC113	How to Use a Multimeter	Beginner	3D/SIM	IACET - NATE
Electrical	ELEC114	Math for Electricians	Beginner	Video	

ELECTRICIAN - BEGINNER LEVEL

Trade Specialty	Course ID	Course Title	Skill Level	Media Type	Continuing Ed Credit
Electrical	ELEC053	Trades Math	Beginner	Video	
Electrical	ELEC055	Ladder and Fall Safety	Beginner		
Electrical	ELEC100	Becoming an Electrician	Beginner	Video	
Electrical	ELEC102	Electrical Panels: Components and Safety	Beginner	Video	IACET - NATE
Electrical	ELEC104	Intro to Electrical Code	Beginner	Video	IACET - NATE
Electrical	ELEC105	Power Distribution Delta and Wye Systems	Beginner	Video	IACET - NATE
Electrical	ELEC108	AC Power	Beginner	Video	IACET - NATE
Electrical	ELEC109	Introduction to Electrical Circuits	Beginner	Video	IACET - NATE

Electrical	ELEC110	Ampacity and Wire Sizing	Beginner	Video	IACET - NATE
Electrical	ELEC115	Reading Schematics and Drawings	Beginner	Video	
Electrical	ELEC116	EMT Conduit Bending	Beginner	3D/SIM	
Electrical	ELEC117	Building DC Circuits	Beginner	3D/SIM	IACET - NATE
Electrical	ELEC118	Building DC Combination Circuits	Beginner	3D/SIM	
Electrical	ELEC119	Troubleshooting Basic Circuits	Beginner	3D/SIM	
Electrical	ELEC120	AC Motor Lab	Beginner	3D/SIM	
Electrical	ELEC121	Electrical Installation	Beginner	Video	
Electrical	ELEC122	EMT Installation: Boxes and Conduit	Beginner	3D/SIM	
Electrical	ELEC123	Hand and Power Tools for Electrical Work	Beginner	Video	
Electrical	ELEC124	Introduction to Fire Alarm Systems	Beginner	Video	
Electrical	ELEC125	Grounding and Bonding	Beginner	Video	
Electrical	ELEC151	Introduction to the NEC: Wiring and Protection	Beginner	Video	
Electrical	ELEC152	NEC: Wiring Methods and Materials	Beginner	Video	
Electrical	ELEC251	Electrical Safety - NFPA70-E	Beginner		
Electrical	SOL101	Solar Basics	Beginner	Video	
Electrical	SOL102	Foundations of PV	Beginner	Video	IACET - NABCEP

ELECTRICIAN - INTERMEDIATE LEVEL

Trade Specialty	Course ID	Course Title	Skill Level	Media Type	Continuing Ed Credit
Electrical	ELEC153	NEC Commissioning: Rough-in Inspection	Intermediate	3D/SIM	
Electrical	ELEC201	Diagnosing Circuits: Simple Lighting & Receptacles	Intermediate	3D/SIM	IACET - NATE
Electrical	ELEC202	Diagnosing Circuits: 3-Way Lighting	Intermediate	3D/SIM	IACET - NATE
Electrical	ELEC203	Three and Four-Way Wiring and Installation	Intermediate	3D/SIM	
Electrical	ELEC204	Residential Generator Installation	Intermediate	3D/SIM	
Electrical	ELEC205	Light Commercial Electrical: Apartment Facilities Maintenance	Intermediate	3D/SIM	IACET - NATE
Electrical	ELEC210	Electric Motors	Intermediate		
Electrical	ELEC211	Contactors and Motor Starters	Intermediate		
Electrical	ELEC252	Electrically Safe to Work Procedures	Intermediate	3D/SIM	
Electrical		Three and Four-Way Wiring and Installation	Intermediate		
Electrical		NEC Commissioning: Rough-in Inspection	Intermediate	3D/SIM	

ELECTRICIAN - Q1 2023 RELEASE DATE

Trade Specialty	Course ID	Course Title	Skill Level	Media Type	Continuing Ed Credit
Electrical		Basics of Electrical Retrofitting			
Electrical		Fire Alarm System Installation			

Electrical

Commercial Wiring Troubleshooting



THE BLUE COLLAR RECRUITER
&
VIRTUAL TRADE SCHOOL

**Speak to a Skilled Trades
Advisor Today:**

(512) 354-1109