

Santa Ana
1639 E. Edinger
Santa Ana, CA 92705

Colton
851 S. Cooley Dr.
Colton, CA 92324

El Cajon
411 N. Marshall Ave.
El Cajon, CA 92020

THE SUMMIT DIFFERENCE



Electrician

DISCOVER... Your Ability to Power the World

When it comes to providing reliable, safe electricity to homes and businesses, it takes professional electricians who are well trained and well skilled. Electricians who understand that, above all, safety is the top priority. Electricians with a deep working knowledge of the most current technology and equipment.

Sound like you? To get there, it will take a respected electrician program led by proven industry experts and professionals. It will take courses that are relevant in today's world. And it will take extensive hands-on training and personal mentorship. That's the experience waiting for you at Summit College.

DISCOVER... Hands-On Training Employers Are Looking For

There's no substitute for a solid working knowledge of all the resources, equipment, and technologies you'll use as a professional electrician. From electrical circuits, to AC and DC motors and machines, to proper installation, to cabling and other areas, at Summit you'll benefit from an abundance of active learning and training experiences. Training areas in the Electrician Program include...

- Tools, materials, and handling
- Conductors
- Conduit, Raceways, panel boards, and switchboards
- Lighting systems
- Overcurrent devices
- Grounding systems
- Prints and specifications
- Motors, motor controllers, and process controllers
- Generators and power supplies
- Transformers

DISCOVER... Essential Knowledge and Theory

As a student in Summit's Electrician Program, you'll gain the classroom instruction it takes to put your knowledge to work. You'll be guided by excellent faculty who bring years of experience as working electricians. Your classes will cover the most relevant topic areas, including...

- Electrical safety
- National Electric Code (NEC)
- Math
- Electrical theory
- Code requirements
- Jobsite management
- Wiring and power distribution
- Circuits
- AC/DC motors
- Green electricity

“I want to encourage people to come to Summit College because of the great attitude and atmosphere on campus, and all the knowledge you can gain. It's amazing what you could get from Summit.”

~Nicholas, Summit College Student



DISCOVER... A Rapidly Growing Field

When you begin your new career as an electrician, you'll be part of a growing field that offers a wide range of professional settings. According to O*Net Online, the employment of electricians is expected to grow much faster than average (14% or higher) through the year 2024. And the starting salary for electricians in California for 2015 was \$35,310.

Some of the settings in which electricians work include...

- Building equipment contractors
- Nonresidential building construction
- Electric power generation, transmission and distribution
- Utility system construction
- Additional work in homes, businesses, factories, and construction sites

<https://www.onetonline.org/link/summary/47-2111.00>

DISCOVER... The Summit Difference

Your career as an electrician will put you in a position to offer families and businesses the highest level of service and ensure that they have power when they need it. And your Summit College experience will be marked by a truly caring community, skilled and accessible faculty, and a level of support that truly does make the difference.

- Personal attention from outstanding, accomplished faculty
- A wealth of academic support, free tutoring services, and a Learning Academy open five days a week
- A rich abundance of career service support, including resume assistance, mock interviews and workshops
- Excellent, modern facilities and resources
- Schedule options that include day and evening courses



Discover Summit Today!

CIMC, Rehab, WIA, EDD approved.
Colton, El Cajon and Santa Ana campuses are approved for VA Education benefits.
Summit College is accredited by ACET.
Visit www.summitcollege.edu/disclosures for complete disclosures.

Required Courses:

Course Title/Number	Lecture Hours		Laboratory Hours		Externship Hours		Hours HomeWork	Total Hours		
	Clock/10	Credit	Clock/20	Credit	Clock/30	Credit		Clock	Credit	
Pre-requisites										
EL1400	Electrical Theory	50	5	30	1.5			14	80	6.5
EL1410	Measuring for Electricians	60	6	20	1			14	80	7
EL1420	National Electrical Code	60	6	20	1			10	80	7
EL1430	Electrical Circuits	60	6	20	1			10	80	7
EL1440	AC Machines & Motors	30	3	50	2.5			10	80	5.5
EL1450	Low Voltage	30	3	50	2.5			10	80	5.5
EL1460	Green Electricity	30	3	50	2.5			10	80	5.5
EL1470	Residential Installation	30	3	50	2.5			10	80	5.5
EL1480	Commercial Installation	30	3	50	2.5			10	80	5.5
TOTAL		380	38	340	17			98	720	55

*Program availability and shift may vary by location.

Call us at (888) 504-2552 or visit us online at SummitCollege.edu

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