

**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

# HVAC

Heating Ventilation and Air Conditioning/Refrigeration



## DISCOVER... A Growing Industry

You know you have talent. The real question is how to put that talent and potential to work in an industry that people count on every day in communities throughout California. An industry that is expected to grow faster than most for the next decade. And an industry that requires knowledge, hands-on skills, and technological savvy in order to succeed.

As a Heating Ventilation and Air Conditioning/Refrigeration (HVAC) Technician, you'll be ready to thrive and succeed in just that kind of industry. To get there, it will take a solid educational experience and training that will develop essential hands-on technical skills. That's the experience waiting for you at Summit College's HVAC program.

## DISCOVER... Important Hands-On Skills

Whether it's residential or commercial HVAC systems, Summit's program will deliver to you the hands-on training it takes to get the job done, and to do so in a way that adheres to standard safety practices. You'll learn on simulated HVAC training equipment, and develop an extensive working knowledge of the operation, maintenance, and repair of residential and commercial systems. In this program, you'll gain hands-on training in...

- Brazing
- Cutting
- Motors
- Soldering
- Welding

## DISCOVER... The Depth of Knowledge to Succeed

As a student in Summit's HVAC program, you'll gain a depth of knowledge that will prepare you to hit the ground running when you graduate. You'll learn current industry practices in terms of safety and properly servicing residential and commercial clients. And you'll explore all the different areas related to the field that will position you for success. Some of the things you'll learn include...

- Principles of heat, energy, and pressure
- Electrical systems and components
- Commercial environmental systems
- Commercial refrigeration
- HVAC system design
- Refrigerants and refrigeration systems

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“ 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*

# Heating Ventilation and Air Conditioning/ Refrigeration



## DISCOVER... A Promising New Career

HVAC professionals work in a broad range of environments and settings and are in high demand. In fact, The U.S. Department of Labor projects the employment of HVAC technicians to grow much faster than average (14% or higher) through the year 2024. And according to O\*Net, the starting salary in 2015 for HVAC technicians was \$29,970 in California.

As a graduate of this program, you'll be prepared to work in...

- Residential homes
- Office buildings
- Schools
- Factories
- Hospitals

<https://www.onetonline.org/link/summary/49-9021.01>

## DISCOVER... The Summit Difference

Your career as an HVAC professional will put you in a position to be a key player and a major contributor to the comfort of those in homes, businesses, and many other settings. 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, tutoring services at no additional charge, and a Learning Academy open five days a week offering a industry standard computer lab
- 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

## Required Courses:

Course Title/Number		Lecture Hours		Laboratory Hours		Externship Hours		Hours Home Work	Total Hours	
		Clock/10	Credit	Clock/20	Credit	Clock/30	Credit		Clock	Credit
<b>Pre-requisites</b>										
HV510	Principles of Heat, Energy & Pressure	40	4	40	2			12	80	6
HV520	Electrical Systems & Components	40	4	40	2			12	80	6
HV525	HVAC Brazing Techniques	40	4	40	2			12	80	6
HV530	Commercial Environmental Systems	40	4	40	2			12	80	6
HV540	Commercial Refrigeration	40	4	40	2			12	80	6
HV550	HVAC System Design	40	4	40	2			12	80	6
HV560	Residential & Commercial	40	4	40	2			12	80	6
HV570	Refrigerants & Refrigeration Systems	40	4	40	2			12	80	6
HV575	Green Job Training	40	4	40	2			12	80	6
<b>TOTAL</b>		<b>360</b>	<b>36</b>	<b>360</b>	<b>18</b>			<b>108</b>	<b>720</b>	<b>54</b>

\*Program availability and shift may vary by location.



## 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 ACCET.  
Visit [www.summitcollege.edu/disclosures](http://www.summitcollege.edu/disclosures) for complete disclosures.

Call us at (888) 497-3382 or visit us online at [SummitCollege.edu](http://SummitCollege.edu)

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