

# Heating Ventilation & Air Conditioning

## Residential and Commercial Energy and Utilities



### Career Opportunities

Field Service, Installation, Manufacturing & Sales, Government & Utilities Production, Shop Service & Repair Technician

### Requirements:

- ❖ Attend classes daily for 42-weeks, 8:30 AM – 3:00 pm
- ❖ Participate in hands-on classroom demonstrations of skill and knowledge
- ❖ Graduates receive a Certificate of Completion and Skills Sheet: Heating/Air Conditioning Installer and Service Technician.

- **All teachers are credentialed by the California Commission on Teacher Credentialing.**
- **The teachers providing vocational training have workexperience in related business and/or industry**

This 42-week course provides training in the installation of air-conditioning and heating equipment including refrigeration recovery. The student will gain the knowledge and technical skills necessary to install and repair equipment ranging in size from small units to large central heating and air-conditioning systems. The students will also take, and pass, international 608 & 609 Refrigerant Handling Tests.

## Low Cost Training

### **1260 hours of Training In:**

Fundamentals of Refrigeration, Air Conditioning and Refrigerant Recovery

Heating and Air Conditioning Safety, Tools, Components and Terminology

Electricity: Ohms Law, Color Coding, Induction, Effects, Single, Three Phase Motors, High and Low Voltage Safety

Solar Heating System Components and Installation

Air Flow and Heat Load

Heating: Natural Gas, Liquid Petroleum Gas, Electricity, Heat Pumps and Safety

Installation: Window Units, Split Systems, Package Systems and Duct Work

Codes: Air Coditioning, Heating, and Building

Code of Ethics: Personal Appearance, Customer Relations, Goal Setting, Job Search and Security





**HVAC Schedule**  
**Upfront cost to enroll: \$359**  
**Additional costs: Books each block**  
**(Approx. cost of the books \$722 total)**  
**Total cost of the program \$1081**  
**42-week program**

Receipt #: _____	\$ _____
Date Registered: _____	Phone #: _____
Reading Score: _____	Math Score: _____

Social Security #: \_\_\_\_\_

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Start Date: \_\_\_\_\_ End Date: \_\_\_\_\_

<b>Block</b>	<b>Morning Class (8:30-11:30)</b>	<b>Afternoon Class (12:00-3:00)</b>
<b>Block 1</b>	<b>Customer Service</b> Room 205 <b>Work Smart &amp; Hey, I'm the Customer</b> <b>\$66.00</b>	<b>Digital</b> Room 313 <b>Kit Tron.IX Book II</b> <b>\$56</b>
<b>Block 2 &amp; 3</b>	<b>D/C</b> Room 313 <b>Introductory DC/AC Circuits</b> <b>\$100</b>	<b>A/C</b> Room 313
<b>Block 4 - 7</b>	<b>HVAC</b> Room 315 <b>Modern Refrigeration and Air Conditioning (18<sup>th</sup> Edition) Text</b> <b>\$74</b> <b>Modern Refrigeration and Air Conditioning (18<sup>th</sup> Edition) Study Guide</b> <b>\$24</b> <b>Approx. \$402 for Certifications</b>	<b>HVAC</b> Room 315

**ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE**

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*Nancy Compton; Principal; Brant Choate, Assistant Principal*  
**Office Hours**  
**8:00 AM—6:30 PM Monday-Thursday**  
**8:00 AM—3:45 PM Friday**

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