

CAREER EDUCATION PROGRAM – Two-Year Review

Date: August 18, 2008

College: Citrus College

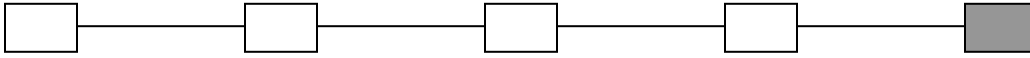
Program: Heating and Air Conditioning

1. Purpose of this Program

Significantly Changed Purpose
In the Last Two Years

Minor Changes in Purpose
in the Last Two Years

No Changes in Purpose
in the Last Two Years



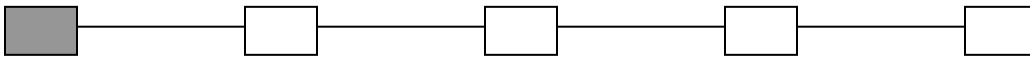
The Heating and Air Conditioning Advisory Council meets annually to review the program, the curriculum, the Heating and Air Conditioning Skill Award, and the Program Review recommendations. There have been no changes made to the description or mission of the program, nor have there been significant changes in the student population in the last two years. A new proposal was submitted in June 2008 to reinstate the 12-unit Skill Award as a Certificate of Achievement, according to Title 5 changes.

2. Demand for this Program

High Demand

Adequate Demand
for our students

Low Demand



There is a very high demand for program completers according to local employers. According to the Labor Market website of the Employment Development Department, 600 annual openings are available for Heating and Air Conditioning technicians in California, with 74 in Los Angeles county every year. Average annual salary in California for Heating/Air Conditioning and Refrigeration Workers, as of the 1st quarter of 2008, is \$47.435/ Registrations in the Citrus College Heating and Air Conditioning program for fall 2007 were the highest ever, 55% higher than for fall 2006. Annual enrollment in 2007-2008 was 173, 52% higher than 2006-2007, and the highest ever enrollment.

3. Quality of this Program

Highest Quality

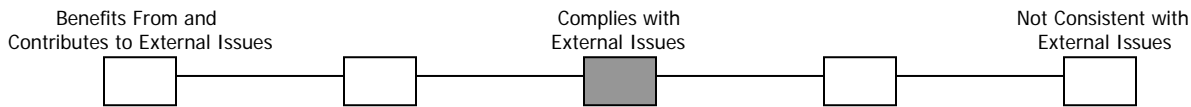
Meets Student Needs

Needs Significant
Improvement



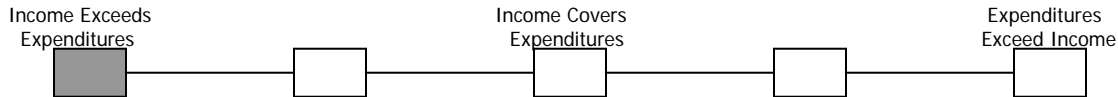
Students who complete the program have a high rate of employment, according to faculty and employers. The need for lab improvements has been cited by Advisory Council members, students and faculty.

4. External Issues



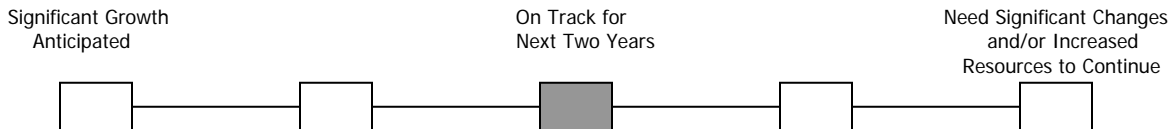
The program has no grants at this time. Environmental Protection Agency preparation and testing, required in this industry, is provided at Citrus College.

5. Cost of this Program



This program has adjunct faculty only and a small supply budget; FTEs have increased significantly in 2007-2008.

6. Two-Year Plan



The 6-year Program Review for Heating and Air Conditioning is reviewed and evaluated annually at the Advisory Council meeting. Classroom and lab facilities are in need of improvement..

Signatures:

Faculty

Date

Director

Date

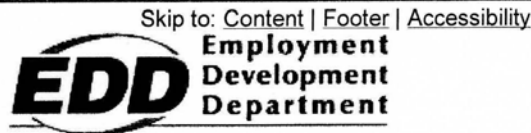
Dean

Date

Vice President of Instruction

Date

To Board of Trustees on _____
Date



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Occupation Profile

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Heating/Air Conditioning and Refrigeration Workers in Los Angeles County

Install or repair heating, central air conditioning, or refrigeration systems, including oil burners, hot-air furnaces, and heating stoves.

View a [Career Video](#) for this occupation from America's Career InfoNet (requires [Windows Media Player](#))

Occupational Wages

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Area	Year	Period	Annual Mean	Annual by Percentile		
				25th	Median	75th
Los Angeles-Long Beach-Glendale Metro Div	2008	1st Qtr	\$46,717	\$31,179	\$45,938	\$59,580

Data for Los Angeles County is not available. Data for Los Angeles-Long Beach-Glendale Metro Di has been displayed for Occupational Wages.

[Get More Info \(Data Library\)](#)

Calif.

47,435

Occupational Projections of Employment (also called "Outlook" or "Demand")

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Area	Estimated Year-Projected Year	Employment		Employment Change		Annual Avg Openings
		Estimated	Projected	Number	Percent	
Los Angeles County	2004 - 2014	3,110	3,440	330	10.6	74

[Get More Info \(Data Library\)](#)

Calif.

22,200

12.7

600

Job Openings from JobCentral National Labor Exchange

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Within 25 miles of Zip Code.

Possible Licenses Required and Issuing Authority

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License Title

Heating, Ventilating and Air-Conditioning Contractor

License Authority
 Department of Consumer Affairs, Contractors State License Board
 9821 Business Park Drive
 Sacramento, CA 95827-

CITRUS COLLEGE
 Heating Air Conditioning
Enrollment Trends
 8/18/2008

CLASS	Fall 02	Spring 03	Fall 03	Spring 04	Fall 04	Spring 05	Fall 05	Spring 06	Fall 06	Spring 07	Fall 07	Spr 08
HEAT 170	27	23	32	36	36	30	35	19	18	18	35	23
HEAT 180	19		22	24	24	30	30		18		28	
HEAT 182		16		27		30		27		18		27
HEAT 184		24		23	23			33			32	
HEAT 186			16				25			18		
HEAT 188	22			25		20			24			28
Total	68	63	70	84	83	80	90	79	60	54	95	78

