imilar program(s)

Not Recommended

Comments:

Vice Pr

orm should be forwarded to the Office of Instruction.

Following

FOOTHILL COLLEGE

Credit Program Narrative

Associate in Science Degree in Heating, Ventilation, Air Conditioning, and Refrigeration

Item 1. Program Goals and

Refrigeration align with the primary mission of California community colleges, as established

nal instruction to stu

ne Computation and

Refrigeration aligns with Foothill College Institutional Outcomes and directly supports

the Creative, Critical, and An

ties who require

by establishing an Associate in Science

workers in refrigeration, ventilation, ne

degree in Heating

odes, students will demonstrate ability to assess, install,

xtend and remove refrigeration, heating, air conditioning, and ventilation systems,

maintain, repair,

including the app

in the Heating, Ventilation, Air Conditioning, and

JAC Training Center, Local #447, of Sacramento and Yolo

rough enrollment in the Gen Ed

Counties, and

Yolo Counties; potential students must be at least 18 years of age, be able to

JAC of Sacramento a

ment and training of apprentices by the JAC of Sacramento and Yolo Counties is with

renticeships Standards. This limitation is authorized by the

or Code, Section

§ 3074.3.

Aside from Foothill College's ordinary enrollment fees, there are no additional costs to t

, and Refrigeration.

Item 2. Catalog Description

The Associate

S in Heating, Ventilation, Air Conditioning, and Refrigeration program is

After 5 years of classroom and paid work experience, students are recognized as journeypersons within the

	Yr 1, Winter				Welding, Soldering/Brazing Certification	4.5
	Yr 2, Fall			APPR 160A	EPA, Customer Service, Refrigeration & Electrical	4.5
	Yr 2, Winter				Pneumatic Controls, Instrumentation & Process Controls	4.5
				APPR 162A	Electrical	4.5

Required Major Total	45 units
Comp[illegible]	35 units

Standards. This degree does not duplic[illegible] already-existing program wit[illegible]

Divis[illegible]

pro[illegible]m at Foothill College primarily occurs from an out-of-state college that offers onlin[illegible]
degrees.

Apprentices an[illegible]d

APPR 161 Air Conditioning, Pneu
Controls, Instrumentation & Proces

162A	Refrigeration Controls	1	14	1	19	
APPR	Computer Literacy & Pneumatic					

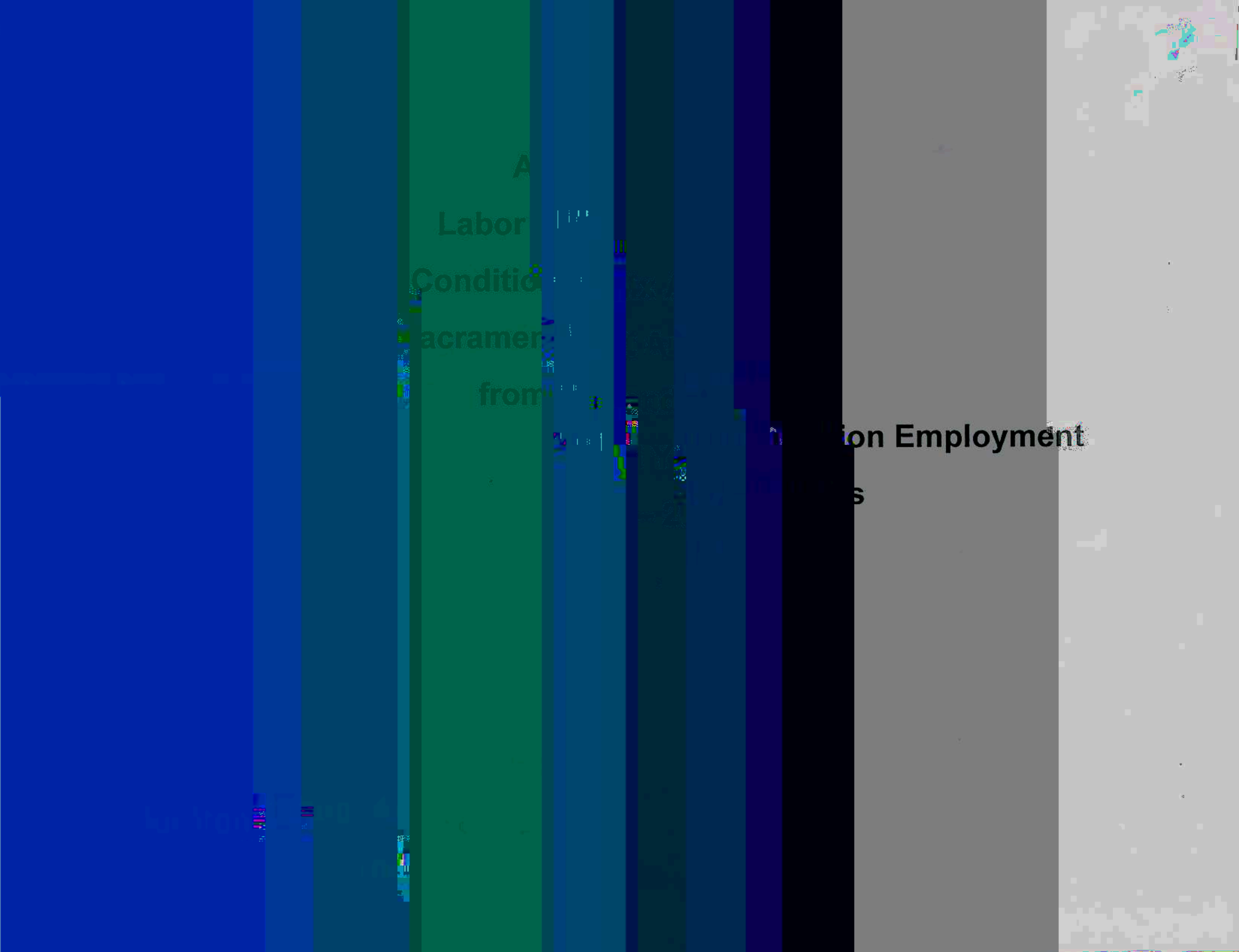
ulum/Similar Programs

ways for

Achievement

the e

Air Conditioning, and Refrigeration Mechanic Service to the Associate in Science degree in Heating,
V lation, Air Conditioning,


A
Labor
Conditio
acramer
from
ion Employment
s

Employment Development Department

Average Annual | 2014 Pro... | Education and Train...

		22.2%	2.2%	4	5	9	$24.32	$50,574	7	None	LT OJT	
710	910	200	28.2%	2.8%	20	20	40	$25.61	$53,261	7	None	LT OJT

49-3041 | Service Technicians

Mobile Heavy Equipmen

49-3042 | Mechanics, Except Engines

Appendix B:

Minut[illegible]

[illegible] Degree Program

Partnership with Foothill College