

WELDING DEPARTMENT

PROGRAM REVIEW 12-13

For the Period of Fall 2010 through Spring 2012

PALO VERDE COLLEGE
ONE COLLEGE WAY
BLYTHE, CA 92225

EXECUTIVE SUMMARY

Welding

The Program Review Committee met and reviewed Welding's two-year update on March 12, 2013.

We have accepted the report, with the following findings:

- Purpose of this Program: No changes in the last two years
- Demand for this Program: Adequate demands for our students
- Quality of this Program: Meets student needs
- External Issues: Benefits from and contributes to external issues
- Cost of the Program: Income covers expenditures
- Two-Year Plan: On track for next two tears

PART 1 PURPOSE OF THIS PROGRAM

The purpose of the Welding Technology program is to provide students with the necessary skills to work in an ever-expanding field. Welding students will learn entry/ intermediate level skills that will prepare them for work in the welding industry. Professional development opportunities for working technicians are also an important part of the program.

PART 2 DEMAND FOR THIS PROGRAM

Projections of Employment by Occupation, 2010-2020

Occupations Matched to Top Code(s):

095650 *Welding Technology*

Geography: Riverside-San Bernardino-Ontario MSA

Counties: Riverside County, San Bernardino County

Annual Job Openings by Occupation

SOC Code	Occupation Title (Link to Occupation Profile)	2010 Employment	Annual Job Openings ¹
514121	Welders, Cutters, Solderers, and Brazers	3,090	115
472151	Pipelayers	730	31
499044	Millwrights	140	3
514031	Cutting, Punching, and Press Machine Workers	1,660	23
512099	Assemblers and Fabricators	3,380	96
499071	Maintenance and Repair Workers	10,360	291
	Total:	19,360	559

¹Total Job Openings are the sum of new jobs from growth plus net replacements. Annual job openings are total job openings divided by the number of years in the projection period.

²This occupation has been suppressed due to confidentiality.

PART 3 QUALITY OF THIS PROGRAM

COMPLETIONS 2010-2011		
Certificate/Degree	Title	Completed
Certificate	Welding Technology	22
Degree	AS Welding Technology	1

COMPLETIONS 2011-2012		
Certificate/Degree	Title	Completed
Certificate	Welding Technology	13

PART 4 EXTERNAL ISSUES

The welding program faculty and staff continue to work with the local unified school district to facilitate the needs of the secondary students.

PART 5 COST OF THIS PROGRAM

Fall 2010			
Course Code	Course Title	Credit	Enrollment
WEL 100 01	Oxyacetylene Gas Welding	3	20
WEL 100 03	Oxyacetylene Gas Welding	3	15
WEL 101 01	Shielded Metal Arc Welding	3	19
WEL 101 02	Shielded Metal Arc Welding	3	18
WEL 200 01	Advanced Gas Metal Arc Welding	3	17
WEL 201 01	Advanced Gas Tungsten Arc Welding	3	17

Spring 2011			
Course Code	Course Title	Credit	Enrollment
WEL 102 01	Basic Gas Metal Arc Welding	3	19
WEL 102 02	Basic Gas Metal Arc Welding	3	16
WEL 103 01	Basic Gas Tungsten Arc Welding	3	19
WEL 103 02	Basic Gas Tungsten Arc Welding	3	11
WEL 202 01	Advanced Oxyacetylene Gas Welding	3	18
WEL 203 01	Consolidated Welding	3	20

Fall 2011			
Course Code	Course Title	Credit	Enrollment
WEL 100 01	Oxyacetylene Gas Welding	3	17
WEL 101 01	Shielded Metal Arc Welding	3	19
WEL 200 01	Advanced Gas Metal Arc Welding	3	20
WEL 201 01	Advance Gas Tungsten Arc Welding	3	19
WEL 102 01	Basic Gas Metal Arc Welding	3	18

Spring 2012			
Course Code	Course Title	Credit	Enrollment
WEL 102 01	Basic Gas Metal Arc Welding	3	18
WEL 103 01	Basic Gas Tungsten Arc Welding	3	22
WEL 103 02	Basic Gas Tungsten Arc Welding	3	19
WEL 202 01	Advanced Oxyacetylene Gas Welding	3	22
WEL 203 01	Consolidated Welding	3	25

2010-2011	Salaries	Benefits	Supplies	Contracts	Capital	Total	FTEs
WEL VEA LOT	\$121,890.84	\$28,721.59	\$4,514.40 \$9,998.91 \$10,573.44	\$35.00		\$175,734.18	35 \$161,000.00
2011-2012	Salaries	Benefits	Supplies	Contracts	Capital	Total	FTEs
WEL VEA LOT	\$98,196.00	\$30,239.02	\$5,000.00 \$656.14			\$134,091.16	33 \$151,800.00

PART 6 TWO-YEAR PLAN

Welding course outlines have been evaluated and up dated using the new approved course outline template. All courses have had their student learning outcomes updated and assessed during the current year.

Welding faculty and staff will continue to work with the counseling department to ensure all students receive matriculation services and have education plans that reflect their individual goals.

Welding correspondence courses are being developed. This will help increase our FTE's from the prison population.

We are in the process of purchasing three (3) Virtual Reality Welding stations. Money to purchase these stations will come from VTEA funding designated for course improvement and curriculum development.