

WELDING

PROGRAM REVIEW 09-10

ONE COLLEGE WAY
BLYTHE, CA 92225

Board Approved 1/25/11

EXECUTIVE SUMMARY

WELDING

The committee encourages the welding program to continue its efforts in fulfilling the goals of its 2-year plan, as noted in section 6 of this report.

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. The welding students learn entry/ intermediate level welding skills that prepare them to work in the 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, 2006 - 2016

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)	2006 Employment	Annual Job Openings ¹
514121	Welders, Cutters, Solderers, and Brazers	3,960	152
514122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	560	20
	Total	4,520	172

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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 2008-2009		
Certificate/Degree	Title	Completed
Certificate	Welding Technology	12

COMPLETIONS 2009-2010		
Certificate/Degree	Title	Completed
Certificate	Welding Technology	16

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.

5: COST OF THIS PROGRAM

SUMMER 2008-2009			
Course Code	Course Title	Credit	Enrollment
WEL 100 01	Basic Gas Metal Arc Mig Welding	3	1
WEL 103 01	Basic Gas Tungsten Arc Tig Welding	3	1
WEL 201 01	Advanced Tungsten Arc Welding Tig	3	15
SPRING 2008-2009			
Course Code	Course Title	Credit	Enrollment
WEL 101 01	Shielded Metal Arc Welding	3	20
WEL 102 01	Basic Gas Metal Arc Mig Welding	3	17
WEL 102 02	Basic Gas Metal Arc Mig Welding	3	15
WEL 103 01	Basic Gas Tungsten Arc Tig Welding	3	13
WEL 103 02	Basic Gas Tungsten Arc Tig Welding	3	12
WEL 202 01	Advanced Oxy Welding	3	18
WEL 203 01	Consolidated Welding	3	14
FALL 2008-2009			

Course Code	Course Title	Credit	Enrollment
WEL 100 01	Oxyacetylene Gas Welding	3	24
WEL 100 02	Oxyacetylene Gas Welding	3	17
WEL 100 03	Oxyacetylene Gas Welding	3	14
WEL 101 01	Shielded Metal Arc Welding	3	20
WEL 101 02	Shielded Metal Arc Welding	3	14
WEL 200 01	Advanced Shielding Gas Mig Welding	3	22
WEL 201 01	Advanced Tungsten Arc Welding Tig	3	22

SUMMER 2009-2010			
Course Code	Course Title	Credit	Enrollment
SPRING 2009-2010			
Course Code	Course Title	Credit	Enrollment
WEL 101 012	Shielded Metal Arc Welding	3	17
WEL 102 01	Basic Gas Metal Arc Mig Welding	3	15
WEL 102 02	Basic Gas Metal Arc Mig Welding	3	11
WEL 103 01	Basic Gas Tungsten Arc Tig Welding	3	19
WEL 103 02	Basic Gas Tungsten Arc Tig Welding	3	13
WEL 112 01	Intermediate Fabrication	3	21
WEL 200 CX	Advanced Shielding & Gas Metal Arc Welding	3	1
WEL 201 CX	Advanced Tungsten Arc Welding	3	1
WEL 202 01	Advanced Oxy Welding	3	18
WEL 203 01	Consolidated Welding	3	14
FALL 2009-2010			
Course Code	Course Title	Credit	Enrollment
WEL 100 01	Oxyacetylene Gas Welding	3	24
WEL 100 02	Oxyacetylene Gas Welding	3	14
WEL 101 01	Shielded Metal Arc Welding	3	19
WEL 102 01	Basic Gas Metal Arc Mig Welding	3	17
WEL 110 02	Introduction to Fabrication	3	21
WEL 200 01	Advanced Shielding Gas Mig Welding	3	21
WEL 201 01	Advanced Tungsten Arc Welding Tig	3	18

2008-2009	Salaries	Benefits	Supplies	Contracts	Capital	Total	FTEs
WEL 12	\$112,752.35 \$ -	\$26,672.83 \$ -	\$13,695.37 \$19,749.01	\$255.00 \$5000.00	\$ - \$4,935.89	\$153,375.55 \$29,684.90	44 \$202,400
2009-2010	Salaries	Benefits	Supplies	Contracts	Capital	Total	FTEs
WEL 12	\$109,675.39 \$ -	\$26,839.32 \$ -	\$12,407.03 \$10,785.27	\$ - \$ -	\$ - \$ -	\$148,921.74 \$10,785.27	45 \$207,00

PART 6: TWO-YEAR PLAN

A new welding degree has recently been developed. We are anticipating the final approval for the degree will happen in the fall of 2010.

Course outlines have been evaluated and were also recently updated.

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.