

**IMPERIAL VALLEY COLLEGE DISTRICT
REVIEW OF CAREER EDUCATION TRAINING PROGRAMS
2019**

WELDING TECHNOLOGY

I. Program Description

The Imperial Valley College Welding Technology curriculum is designed to educate, train, and prepare our students to meet the minimum knowledge and skill standards for entry level welders established by the American Welding Society. The emphasis of our teaching and learning activities is to master the theory, technology, applied science, and practical skills that are the foundation of a rewarding career in Welding Technology. All welding courses are a combination of the many skills, aptitudes, and knowledge identified as necessary competencies for welding personnel. Courses include the core competencies for welding personnel which are; Industrial Safety, Oxy-Fuel Welding and Cutting, Weld Symbols, Shielded Metal Arc Welding (“Stick”) on plate and pipe, Gas Tungsten Arc Welding (“TIG”) on plate and pipe, Plasma Arc Cutting, Air Carbon Arc Cutting, Flux Cored Arc Welding, and Gas Metal Arc Welding (“MIG”).

A. Degree
Associate in Science, Welding Technology

B. Certificate
Certificated of Achievement, Welding Technology

II. Career Opportunities

- Welders
- Auto Body Worker
- Structural and Iron Work Welder
- Assembly Worker
- Sheet Metal Worker

III. Labor Market Demand

The Welding Technology program at Imperial Valley College meets a documented labor market demand. Employment trends for this field are derived from a variety of sources. These are listed below:

A. Employment Trends (Employment Development Department):

Occupation	TOP Code	SOC Code	Average Job Openings per Year
Welders, Cutters, Solderers, and Brazers	0956.50	514121	4
Plumbers, Pipefitters, and Steamfitters	0956.50	472152	11
			15*

*Center of Excellence Imperial County Regional Labor Market Assessment 2016

IV. Other Regional Programs

Currently CET offers a welding training program that also trains students for employment.

V. Employment (Perkins Core Indicator)

Job Placement
2016-2017
81%

VI. Completions/Success

	Degrees		Certificates	
	2017-2018	2018-2019	2017-2018	2018-2019
Welding Technology	8	1	36	30

VII. Program Evaluation (to be completed by EWD office)

Welding Technology Program meets the requirements stipulated under the California Education Code, Division 7, Part 48, Chapter 1, Article 1, Section 78016.