

## Program Approval and Notice of Intent

### *Application*

November 2013

#### **OVERVIEW:**

The program approval process outlined by the California Community College Chancellor’s Office requires that all requests to add new programs or certificates and/or to make substantial changes to any existing college’s inventory of Career Technical Education (CTE) programs include a recommendation from the Regional Consortia. Instructions and the application form for the regional consortia recommendation are posted on our website at [LAOCRC.org](http://LAOCRC.org).

The process for obtaining a recommendation from the Regional Consortia is intended to inform and engage our region in creating programs for the Los Angeles and Orange County colleges, and to foster a spirit of collaboration and coordination that results in viable choices for Career Technical Education (CTE) courses/programs across the region.

The Los Angeles and Orange County Voting Members should submit **Requests for Program Approval** and **Notice of Intent** by the deadlines below:

Deadlines for application submissions (Program Approval and Notice of Intent)	
Submission Deadline:	LAOCRC Meeting Date:
September 6, 2013	September 19, 2013
October 11, 2013	October 24, 2013 (CCCAOE Oct.23-25)
November 8, 2013	November 21, 2013
December 6, 2013	December 19, 2013
January 3, 2014	January 16, 2014
February 7, 2014	February 20, 2014
February 28, 2014* (*note- March deadline is in February)	March 13, 2014 (CCCAOE March 12-14)
April 4, 2014	April 17, 2014
May 2, 2014	May 15, 2014
June 6, 2014	June 19, 2014



WELD120	Beginning Arc Welding	5
Weld170	Structural Fabrication	2
Weld200	Intermediate Arc Welding	4
Weld270	Structural Layout	3

Total Certificate requirements:

24

**ASSOCIATE IN ARTS DEGREE REQUIREMENTS:**

The student must complete one of the certificate options and electives and general education to achieve a minimum of 60 units.

Recommended Electives: MTT100, WELD100

2. Provide a brief rationale for the program.

The goal of the Cerritos College Welding Technology program is to train students in entry level welding skills and obtain welding certifications necessary for employment in the industry. The program is one of the largest in the state and offers certifications and licenses to multiple government and state welding codes. The program currently offers five certificates of achievement.

The welding program, under the direction of our industry advisory committee and recommendations from local industry, developed a welding fabrication and layout certificate of achievement in 2008. The department was under the impression that the AA degree was also approved but an audit with the Chancellor’s office indicated that the AA option had not been selected when the paperwork was submitted. This proposal corrects this internal error and will allow students who have completed this certificate option and completed the general education requirements to graduate with an AA degree. This new AA degree will give students more career options and will assist local industry by providing them with highly qualified employees.

3. List all courses required for program completion, including core requirements, restricted electives and prerequisites.

COURSES	Course No.	Course Title	Units
Welding	WELD49	Welding Shop Math	4
Welding	WELD59	Blueprint Reading for the Welding Trades	4
Welding	WELD53	Pipe Layout	2
Welding	WELD120	Beginning Arc Welding	5
Welding	Weld170	Structural Fabrication	2
Welding	Weld200	Intermediate Arc Welding	4
Welding	Weld270	Structural Layout	3

4. Summarize the Labor Market outlook (including citation of the source of data) for students exiting the program.

EMSI reports that for LA and Orange Counties, including QCEW Employees + Non-QCEW Employees + Self-Employed + Extended Proprietors that there were 10,657 jobs in the area in 2012. The growth is at 2% for 2013 and the median earnings are \$16.35 an hour. This growth will result in an additional 219 jobs. There are currently 527 regional openings and 147 regional program completions. Pomona Unified School District Adult and Career Education has 37 completions, Cerritos College has 27 completions, LA trade tech has 17 completions, El Camino College has 14 completions and Maxine Waters Employment Preparation Center has 12 completions.

Data Sources and Calculations

State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Occupation Data

EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

- 5. List similar programs at other colleges in the Los Angeles and Orange County Region which may be adversely impacted. (complete the chart)

College	Program	Who you contacted	Outcome of contact
Rio Hondo College	Welding	Bruce Noble	No objection
Fullerton College	Welding	Scott McKenzie	No objection
Cypress College	Welding	Steve Donley	No objection

- 6. Include other information you would like to share.

Please note that this is not a new program. The paperwork submitted to the chancellor’s office in 2008 yielded a certificate (Program Control Number 18481) but no AA degree. The college recently found out about the error and is submitting this proposal to correct the mistake.