

## 2018 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

CURRENT YEAR: 2017-2018

CLUSTER: WORKFORCE AND ECONOMIC DEVELOPMENT

NEXT SCHEDULED CPPR: 2019

PROGRAM: WELDING

LAST YEAR CPPR COMPLETED: 2015

CURRENT DATE: 2/16/2018

The Annual Program Planning Worksheet (APPW) is the process for:

- reviewing, analyzing and assessing programs on an annual basis
- documenting relevant program changes, trends, and plans for the upcoming year
- identifying program needs, if any, that will become part of the program's resource plan
- highlighting specific program accomplishments and updates since last year's APPW
- tracking progress on a Program Sustainability Plan if established previously.

**Note:** Degrees and/or certificates for the same program may be consolidated into one APPW.

This APPW encompasses the following degrees and/or certificates:

**A.S. – Welding technology**

**C.A. – Welding Technology**

**C.S. – Structural Steel Certification**

**C.S. – Pipe Certification**

### GENERAL PROGRAM UPDATE

Describe significant changes, if any, to program mission, purpose or direction. *If there are not any, indicate: NONE.*

***The Welding Program has Dual Enrollment at three high schools in the county that are currently being taught. They are at Paso Robles High School, Shandon High School and Templeton High School for a total of four sections. This is an increase of one more high school (Shandon HS) and one more additional section. Additionally, the program has three Non-Credit Courses approved to go online in Fall of 2018. They are the WELD 770A (Basic Welding Course), WELD 770B (Advanced Welding Course) and WELD 780A (Structural Welding Certification.***

### PROGRAM SUSTAINABILITY PLAN UPDATE

Was a Program Sustainability Plan established in your program's most recent Comprehensive Program Plan and Review?

Yes ☐ If yes, please complete the Program Sustainability Plan Progress Report below.

No ☒ If no, you do not need to complete a Progress Report.

If you selected yes, please complete the Program Sustainability Plan Progress Report below after you complete the Data Analysis section. That data collection and analysis will help you to update, if necessary, your Program Sustainability Plan.

### DATA ANALYSIS AND PROGRAM-SPECIFIC MEASUREMENTS

Your responses to the prompts for the data elements below should be for the entire program. If this APPW is for multiple degrees and/or certificates then you MAY want to comment on each degree and/or certificate, or discuss them holistically for the entire program being sure to highlight relevant trends for particular degrees and/or certificates, if necessary. Responses in this document need only reference the most recent year's available data.

## 2018 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

### General Enrollment (Insert Aggregated Data Chart)

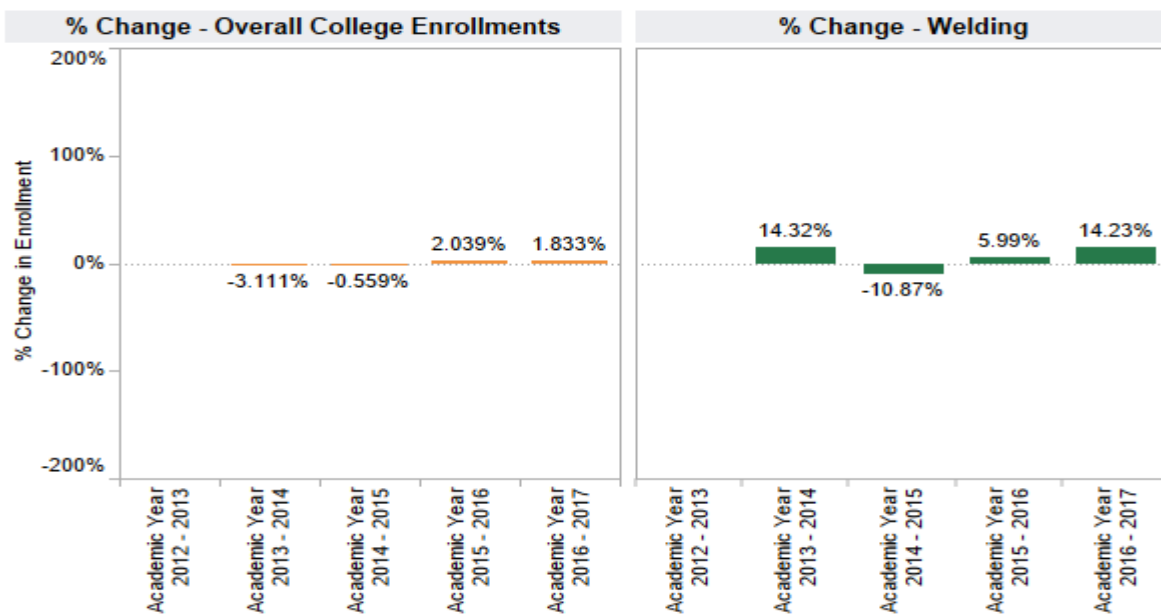
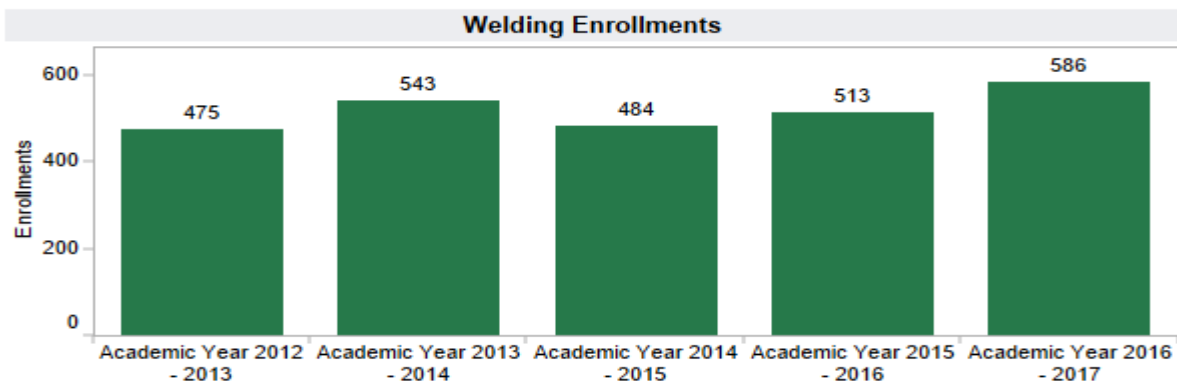
#### SLOCCCD Program Review Data - Enrollment

Department:  
Welding

Course:  
All

Dual Enrollment:  
All

Prison:  
All



Enrollment: Duplicated count of students who completed greater than 0 units in positive attendance courses or were present on census for all other accounting methods.

- Enrollments continue to hold strong in the Welding Program, about 10 – 12% higher than the college data. This can be attributed to the recruitment efforts made by the Welding Faculty, the continued successes in Skills USA at the local, state and national levels and the addition of the new dual enrollment courses that are being taught at the local high schools.

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[General Student Demand \(Fill Rate\) \(Insert Aggregated Data Chart\)](#)

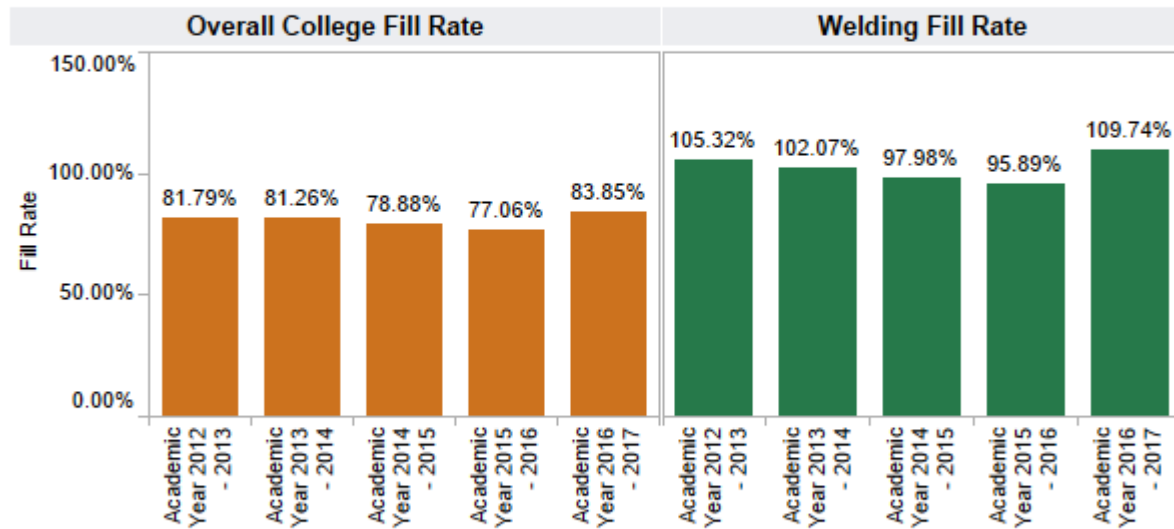
### SLOCCCD Program Review Data - Student Demand (Fill Rate)

Department:  
Welding

Course:  
All

Dual Enrollment:  
All

Prison  
All



Fill Rate: The ratio of enrollments to class limits. Cross listed class limits are adjusted appropriately.  
Also, courses with zero class limits are excluded from this measure.

- The Welding Department Fill Rate data shows between 15 and 30% higher than that of the overall college data. This can be attributed to the same reasoning as the General Enrollment data listed above.

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[General Efficiency \(FTES/FTEF\) \(Insert Aggregated Data Chart\)](#)

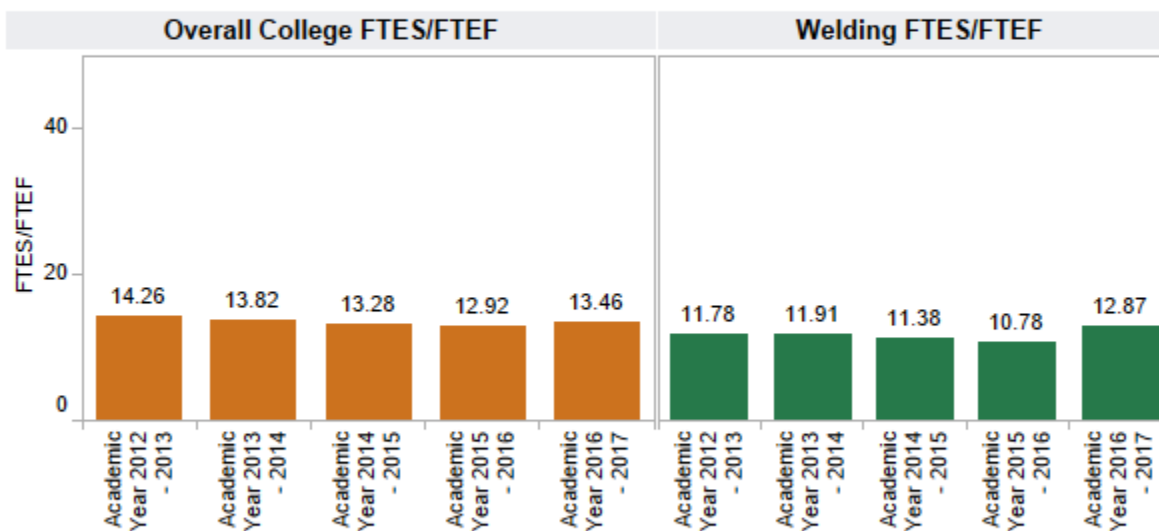
### SLOCCCD Program Review Data - Efficiency (FTES/FTEF)

Department:  
Welding

Course:  
All

Dual Enrollment:  
All

Prison:  
All



FTES/FTEF: The ratio of total FTES to Full-Time Equivalent Faculty  
(SXD4 Total-Hours/17.5)/XE03 FACULTY-ASSIGNMENT-FTE)

- The Welding Department Efficiencies were running almost 2 points lower than that of the overall college data prior to 2016-17. The 2016-17 year indicated an increase in efficiency of slightly over 2 points compared to the previous three years. This can be attributed to the implementation of Dual Enrollment. Efficiencies are expected to increase this year, 2017-18 due to the doubling of Dual Enrollment courses. Additionally, another increase is projected for the 2018-19 school year due to the addition of Non Credit courses scheduled to begin in Fall of 2018.

## 2018 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

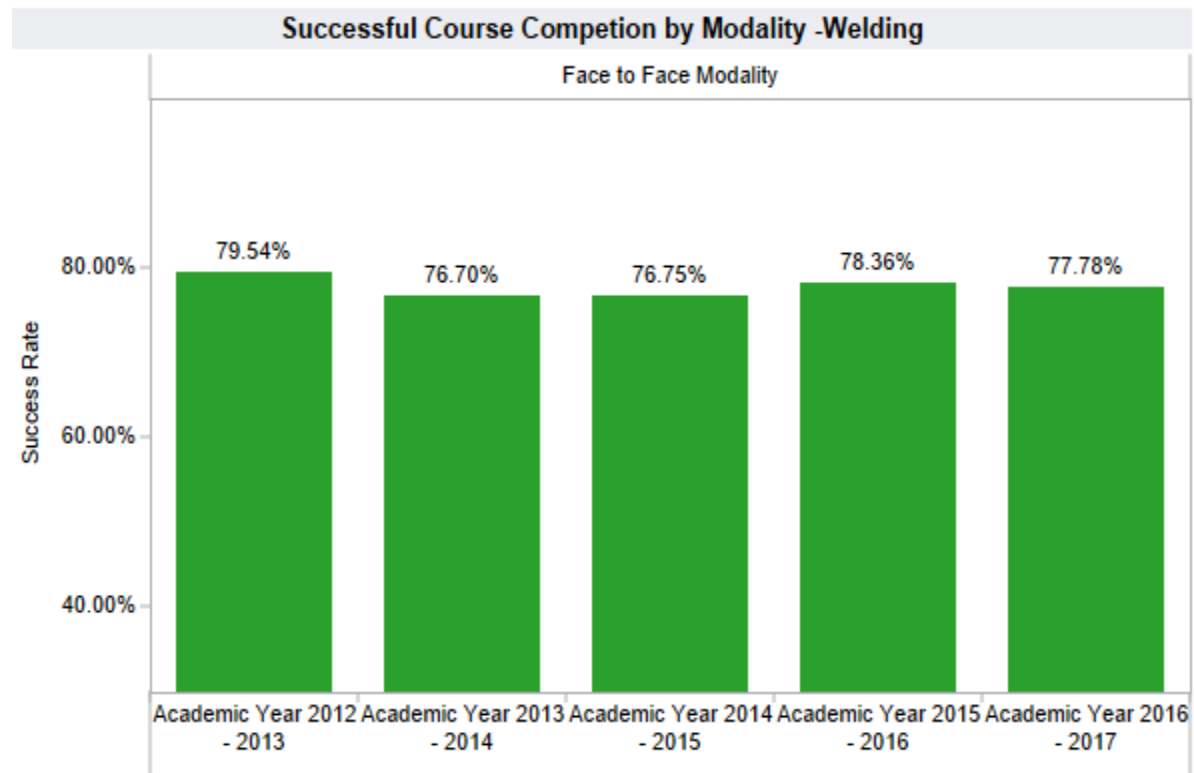
[Student Success—Course Modality \(Insert Data Chart\)](#)

### SLOCCCD Program Review Data: Successful Course Completion

Select Department:  
Welding

Course:  
All

Legend:  
■ Face to Face Modality



Successful Course Completion by Modality Table - Welding						
		Academic Year 2012 - 2013	Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016	Academic Year 2016 - 2017
Face to Face Modality	Department Success Rate	79.54%	76.70%	76.75%	78.36%	77.78%
	Total Department Enrollments	475.0	545.0	487.0	513.0	586.0

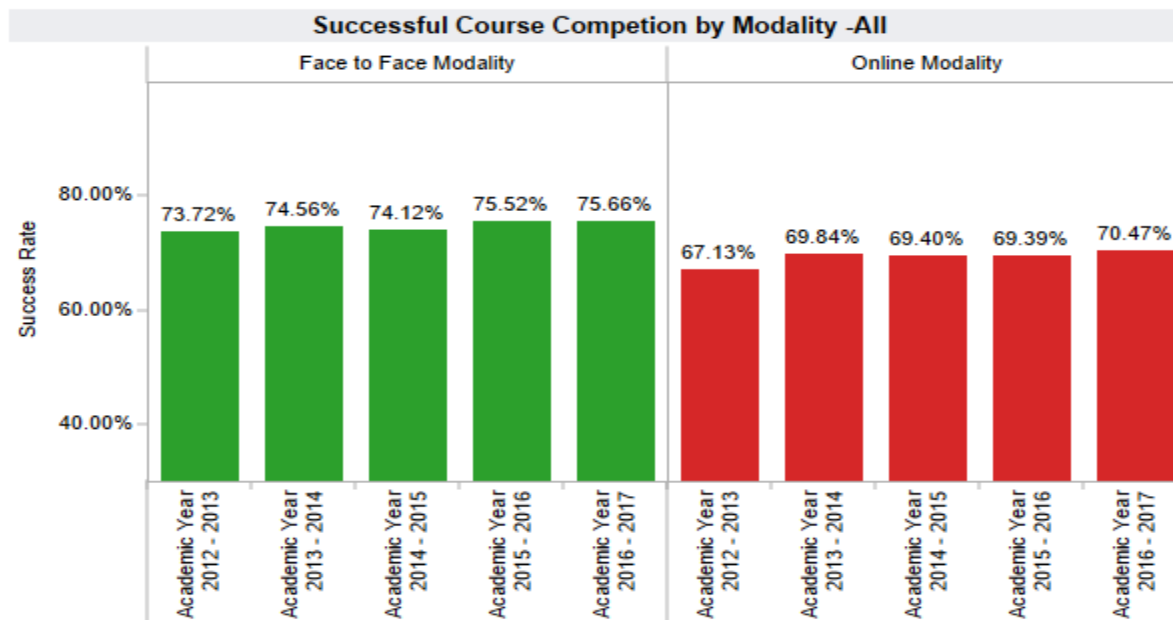
## 2018 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

### SLOCCCD Program Review Data: Successful Course Completion

Select Department:  
All

Course:  
All

Legend:  
■ Face to Face Modality  
■ Online Modality



Successful Course Completion by Modality Table - All						
		Academic Year 2012 - 2013	Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016	Academic Year 2016 - 2017
Face to Face Modality	Department Success Rate	73.72%	74.56%	74.12%	75.52%	75.66%
	Total Department Enrollments	53,865	51,005	48,584	47,724	47,022
Online Modality	Department Success Rate	67.13%	69.84%	69.40%	69.39%	70.47%
	Total Department Enrollments	6,557	7,101	8,112	9,950	10,442

- The Success Rates for the Welding program are approximately 3 – 4% higher than the college averages for any given year. This can be attributed to the smaller class sizes and the amount of time focused on hands on skill acquisition.

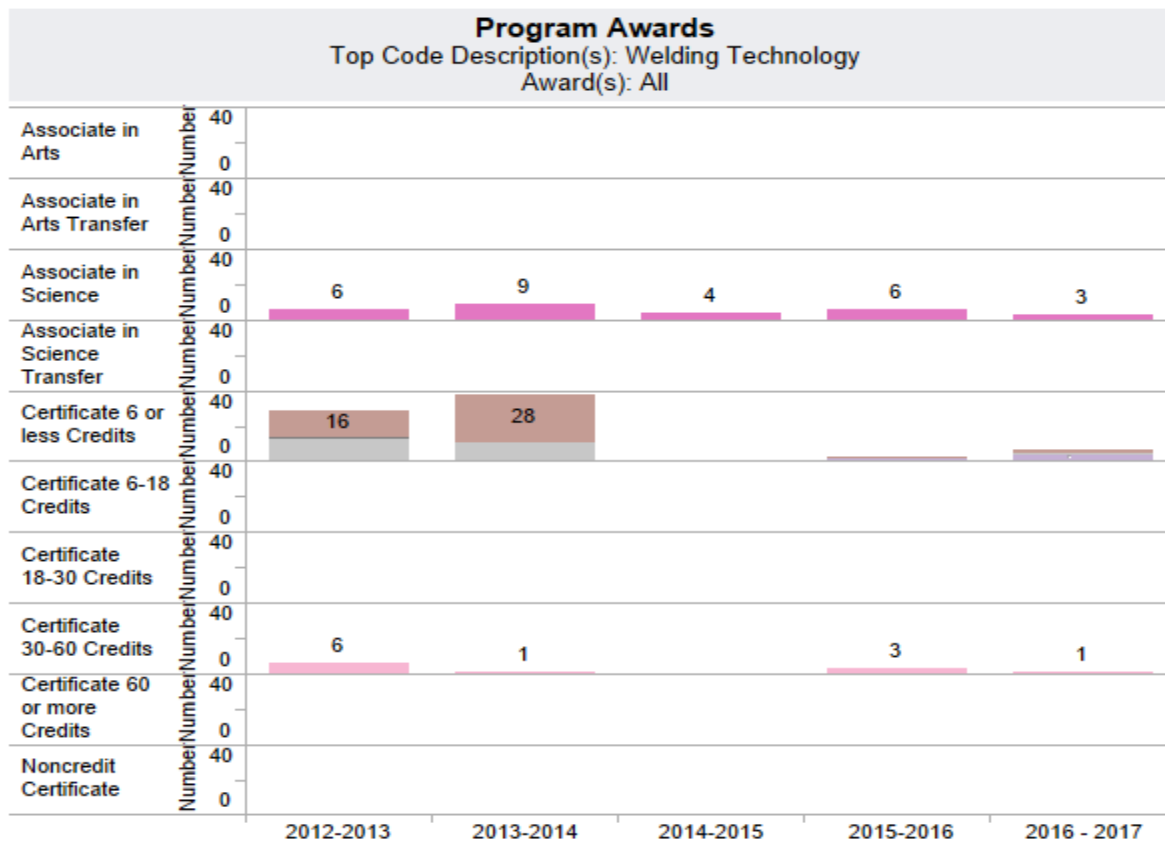
## 2018 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

### Degrees and Certificates Awarded (Insert Data Chart)

#### SLOCCCD Program Review Data: Degrees and Certificates Awarded

Program:  
Welding Technology

Award Type:  
All



Program Awards Table		2012-2013	2013-2014	2014-2015	2015-2016	2016 - 2017
Associate in Science	Welding Technology (AS)	6	9	4	6	3
	<b>Total</b>	6	9	4	6	3
Certificate 6 or less Credits	Weld Tech Struct Steel (CS)	16	28		1	2
	Welding Technology (CS)	1				
	Welding Technology Pipe (CS)	12	10			1

Program Awards: The number of degrees and certificates awarded by program type

- **Trend decreased**
- **Loss of paraprofessional who provided in house coaching and assistance to students qualifying for awards.**
- **Plans to utilize the assistance of the new CTE Paraprofessional for in house coaching of our students to complete certificate and degree applications.**

## 2018 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

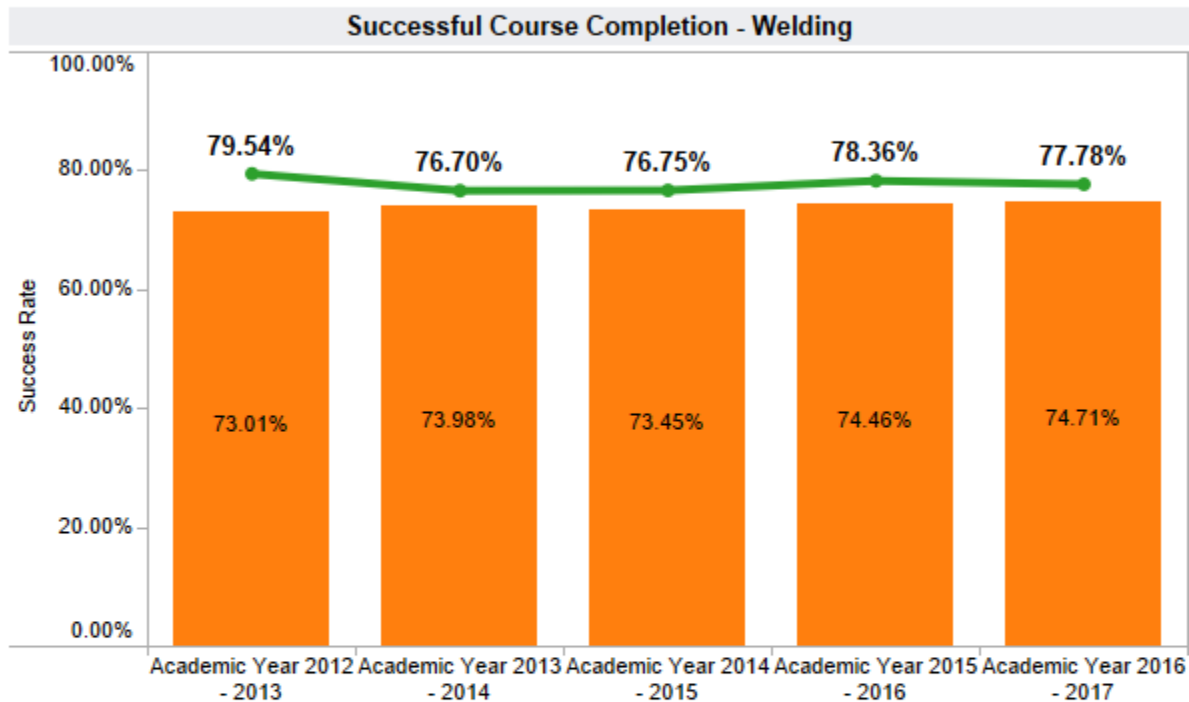
[General Student Success – Course Completion \(Insert Aggregated Data Chart\)](#)

### SLOCCCD Program Review Data: Successful Course Completion

Select Department:  
Welding

COURSE  
All

Legend:  
■ Department Success Rate  
■ Overall College Success Rate



**Welding Success Rate Table**

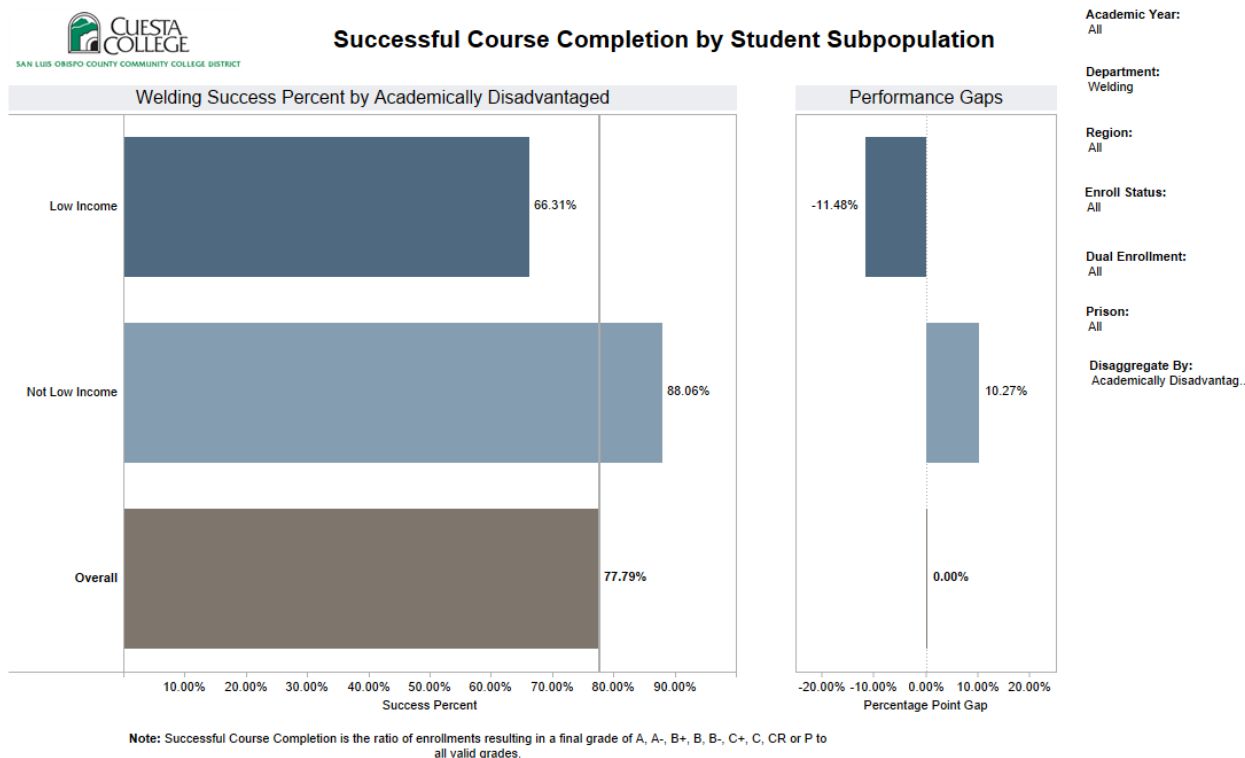
	Academic Year 2012 - 2013	Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016	Academic Year 2016 - 2017
Department Success..	79.54%	76.70%	76.75%	78.36%	77.78%
Total Enrollments	475	545	487	513	586

Success: The Percentage of student enrollments resulting in a final grade of "C" or better



## 2018 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

Review the [Disaggregated Student Success](#) charts; include any charts that you will reference. Describe any departmental or pedagogical outcomes that have occurred as a result of programmatic discussion regarding the data presented.



- **SUCCESS RATES CONTINUE TO BE SLIGHTLY HIGHER THAN COLLEGE AVERAGES. THE TREND HAS FLUCTUATED BETWEEN 79.96 AND 76.65%. THE DEPARTMENT DEEMS THIS AS AN ACCEPTABLE TREND SO NO NEW STRATEGIES AT THIS TIME.**

### OTHER RELEVANT PROGRAM DATA (OPTIONAL)

*The Welding Program continues to Qualify Welders to AWS Structural Steel, API 1104 and ASME Section IX standards. The certification rate for our students holds at approximately 72% overall. These are industry certifications that are overseen by Mike Fontes and Rob Thoresen both of whom maintain Industry Qualifications as Certified Welding Inspectors and Certified Welding Educators. Data is collected bi-annually as part of the ELUMEN process.*

## 2018 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

### PROGRAM OUTCOMES ASSESSMENT CHECKLIST AND NARRATIVE

#### CHECKLIST:

- ☒ SLO assessment cycle calendar is up to date.
- ☒ All courses scheduled for assessment have been assessed in eLumen.
- ☐ Program Sustainability Plan progress report completed (if applicable).

#### NARRATIVE:

Briefly describe program changes, if any, which have been implemented in the previous year as a direct result of the Program or Student Services Learning Outcomes Assessment. *If no program changes have been made as results of Program or Student Services Learning Outcomes Assessment, indicate: NONE.*

***The 2016-17 school year included changes with the addition of Dual Enrollment courses at Templeton and Paso Robles High Schools. This was in direct response to the evaluation of the efficiency data included in this report. Plans to offer three new Non Credit courses this Fall should show another increase in efficiency rates.***

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### PROGRAM PLANNING / FORECASTING FOR THE NEXT ACADEMIC YEAR

Briefly describe any program plans for the upcoming academic year. These may include, but are not limited to the following: *(Note: you do not need to respond to each of the items below). If there are no forecasted plans for the program, for the upcoming year, indicate: NONE.*

- A. New or modified plans for achieving program-learning outcomes.  
***Continue the conversion all CPAS document information to the eLumen program. Currently, approximately 55% of our courses have been set up in eLumen.***
- B. Anticipated changes in curriculum, scheduling or delivery modality  
***Continue implementation of the Dual Enrollment portion of the program. Offer the new Non-Credit courses in the Fall of 2018.***
- C. Levels, delivery or types of services  
***Continue expansion in the North county***
- D. Facilities changes  
***Phase 1 of the HVAC upgrade went into the SLO campus Weld Shop (4209) during the Summer of 2017. Phase 2 is planned for this coming Summer 2018.***
- E. Staffing projections  
***Continue instructor recruitment to obtain more qualified PT Staff. The Welding Program gained an additional PT Instructor during the 2016-17 school year, Roy Coffman.***
- F. Other  
***None***

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### PROGRAM SUSTAINABILITY PLAN PROGRESS REPORT

This section only needs to be completed if a program has an existing Program Sustainability Plan. Indicate whether objectives established in your Program Sustainability Plan have been addressed or not, and if improvement targets have been met.

Area of Decline or Challenge	Identified Objective (Paste from PSP)	Planning Steps (Check all that apply)	Has the Improvement Target Been Met?
Enrollment		<input type="checkbox"/> Identified <input type="checkbox"/> Resources Allocated <input type="checkbox"/> Implemented	Select one
Student Demand (Fill Rate)		<input type="checkbox"/> Identified <input type="checkbox"/> Resources Allocated <input type="checkbox"/> Implemented	Select one
Efficiency (FTES/FTEF)		<input type="checkbox"/> Identified <input type="checkbox"/> Resources Allocated <input type="checkbox"/> Implemented	Select one
Student Success – Course Completion		<input type="checkbox"/> Identified <input type="checkbox"/> Resources Allocated <input type="checkbox"/> Implemented	Select one
Student Success— Course Modality		<input type="checkbox"/> Identified <input type="checkbox"/> Resources Allocated <input type="checkbox"/> Implemented	Select one
Degrees and Certificates Awarded		<input type="checkbox"/> Identified <input type="checkbox"/> Resources Allocated <input type="checkbox"/> Implemented	Select one

If Program Sustainability Plan is still necessary, provide a brief description of how you plan to continue your PSP and update your PSP to remove any objectives that have been addressed and include any new objectives that are needed.

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### OPTIONAL SURVEY

Please take 15 minutes to complete the IPPR Survey. Your assessment will serve to help us make the form and process better.

Thanks,

The IPPR Committee

Survey Link: <https://www.surveymonkey.com/r/J79W8GW>