

INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET FOR 2017-2018

CURRENT YEAR: 2017-2018

CLUSTER: WORKFORCE AND ECONOMIC DEVELOPMENT

NEXT SCHEDULED CPPR: 2019

PROGRAM: WELDING

LAST YEAR CPPR COMPLETED: 2015

CURRENT DATE: 2/25/2017

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.*

From previous 2015-2016 APPW:

One major program direction is to continue the incorporation of Dual Enrollment with local High School welding programs. A new course has been developed and approved called WELD 101 – Survey of Welding. Additionally WELD 270A and WELD 270B will also be an option for qualified high schools wishing to offer dual enrollment. This is a major focus in order to increase our program efficiency rates.

2016-17:

This year the Welding Program has added several Dual Enrollment courses at Paso Robles High School, Templeton High School and San Luis Obispo High School.

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

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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

In addition to other data that is relevant to your program, institutional program data is available on the [SLOCCCD Institutional Research and Assessment Program Review Data Dashboard site](#). Please paste the charts into this document, and respond to the prompts for each data element. Please also comment on your program's data and how it compares to the overall college data. Take time to work with your faculty to review the disaggregated data. Several measures can be "drilled down" to reveal differentiated results based on location, modality, ethnicity, age, gender and so on. This disaggregated data can reveal a great deal about your program's effectiveness.

Note: 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.

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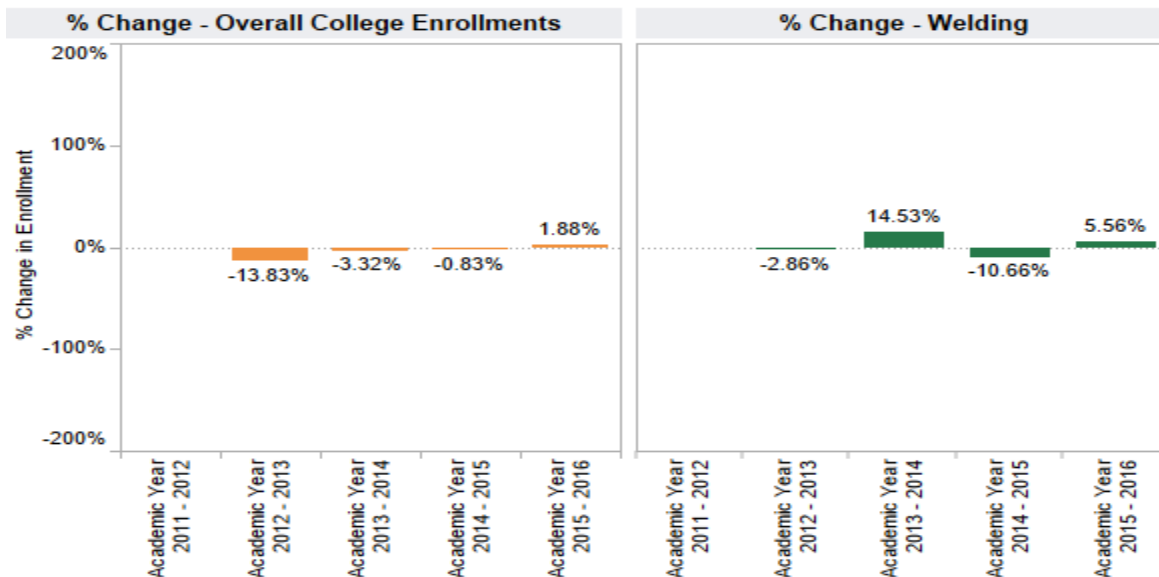
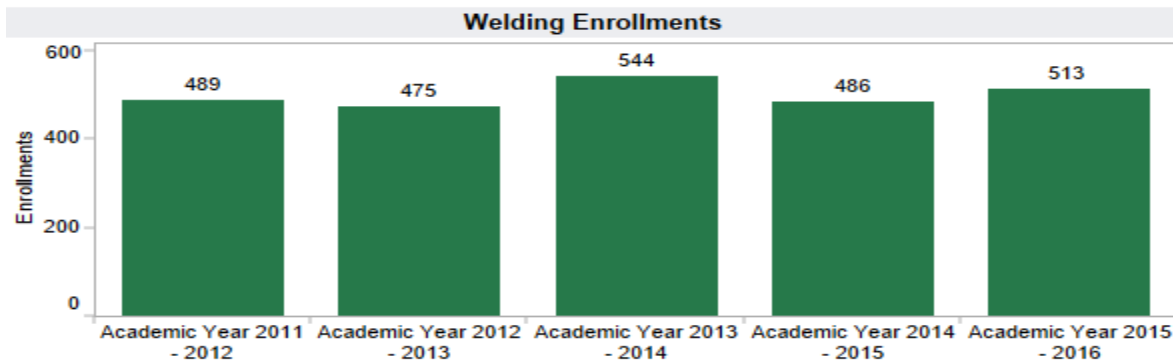
General Enrollment (Insert Aggregated Data Chart)

(review analytically to determine if different populations are impacted)

SLOCCCD Program Review Data - Enrollment

Department:
Welding

Course:
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.

- List the previous year's projection and current year's projection for enrollment (*i.e. increase, decrease, remain the same*).
Previous year data indicated a decreasing trend. The current year's projection is for a continued increase.
- List the trend and contributing factors to the trend.
The trend is increasing enrollment with the addition of new Dual Enrollment courses.
- What strategies will be employed to meet the current year's projection?
 - Continue to recruit qualified instructors***
 - Continue to expand Dual Enrollment offerings***

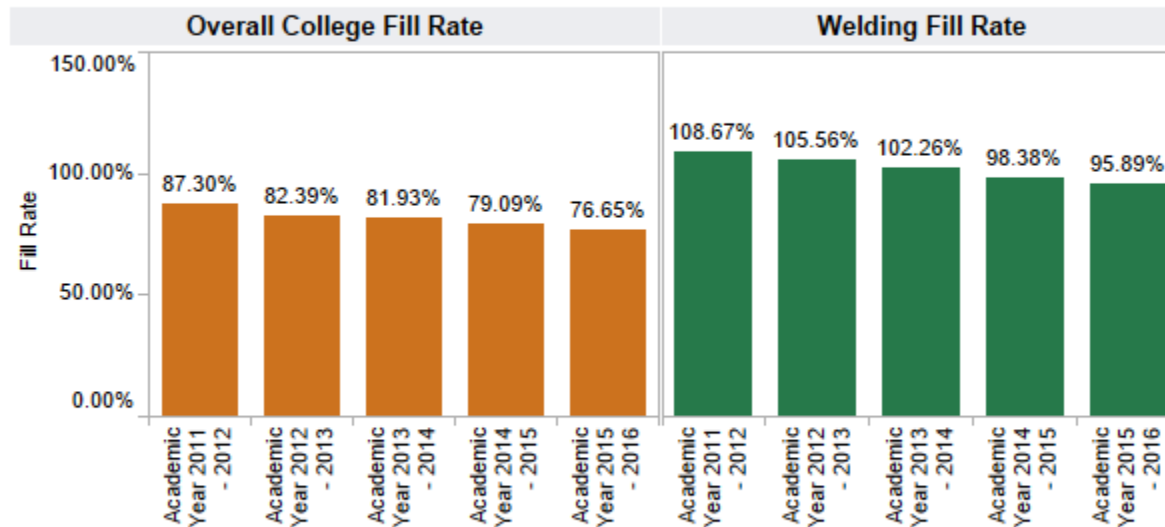
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General Student Demand (Fill Rate) (Insert Aggregated Data Chart)

(review analytically to determine if different types of courses are impacted)

Department:
Welding

Course:
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.

- List the trend (i.e. increasing, decreasing, same) and contributing factors to the trend.
Decreasing trend – contributing factors unknown
- List which courses have the highest student demand and which courses have the lowest student demand.

Highest Demand:

**WELD 270A
WELD 270C
WELD 273
WELD 277
WELD 280A
WELD 280B
WELD 176**

Lowest Demand:

**WELD 175
WELD 270B**

- Based upon the trend, what strategies do you plan on implementing?

Bring back In-House student instructional planning

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General Efficiency (FTES/FTEF) (Insert Aggregated Data Chart)

(review analytically to determine if different types of courses are impacted)

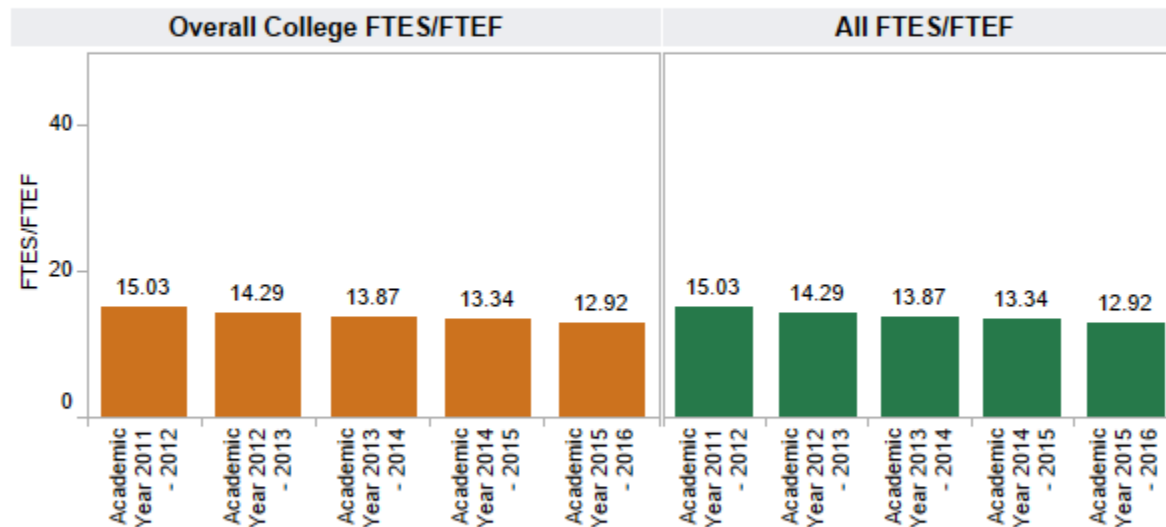
SLOCCCD Program Review Data - Efficiency (FTES/FTEF)

Department:

All

Course:

All



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

- List the previous year's projection and current year's projection for enrollment (*i.e. increase, decrease, remain the same*).
- List the trend and contributing factors to the trend. What strategies will be employed to meet the current year's projection?

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

[Disaggregated Success and Completion Data](#) (review analytically to determine if different populations are impacted)

SLOCCCD Program Review Data: Successful Course Completion

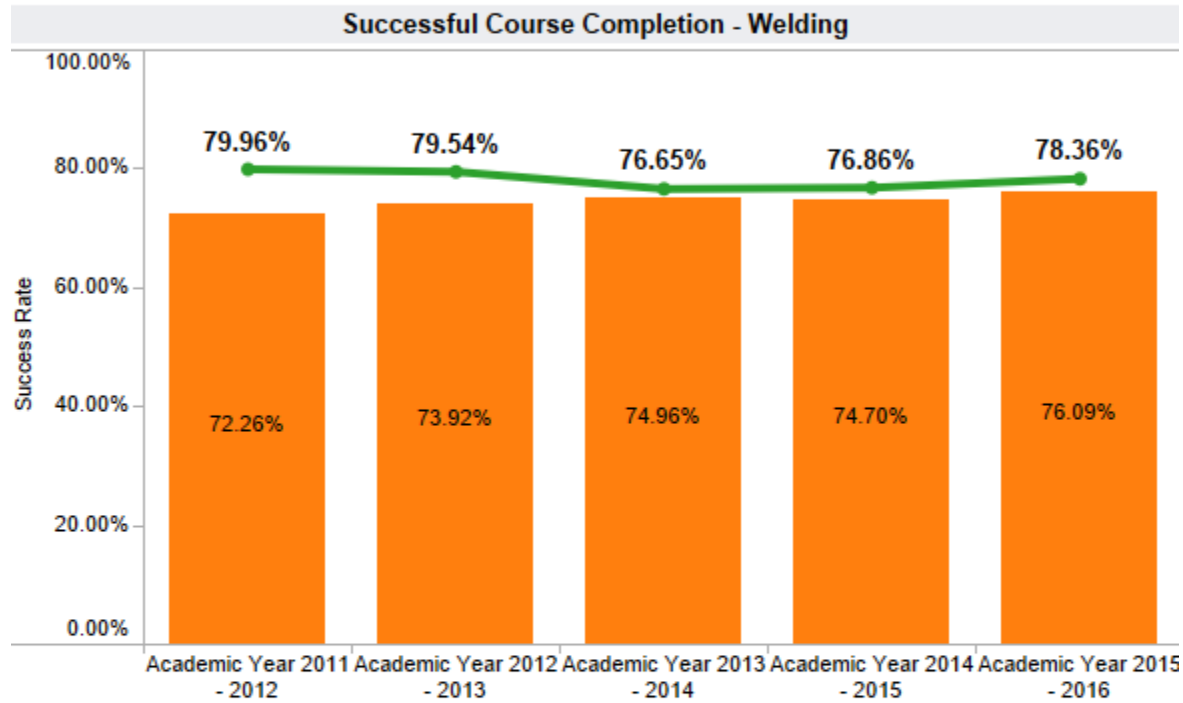
Select Department:
Welding

COURSE
All

Legend:

Department Success Rate

Overall College Success Rate



Welding Success Rate Table

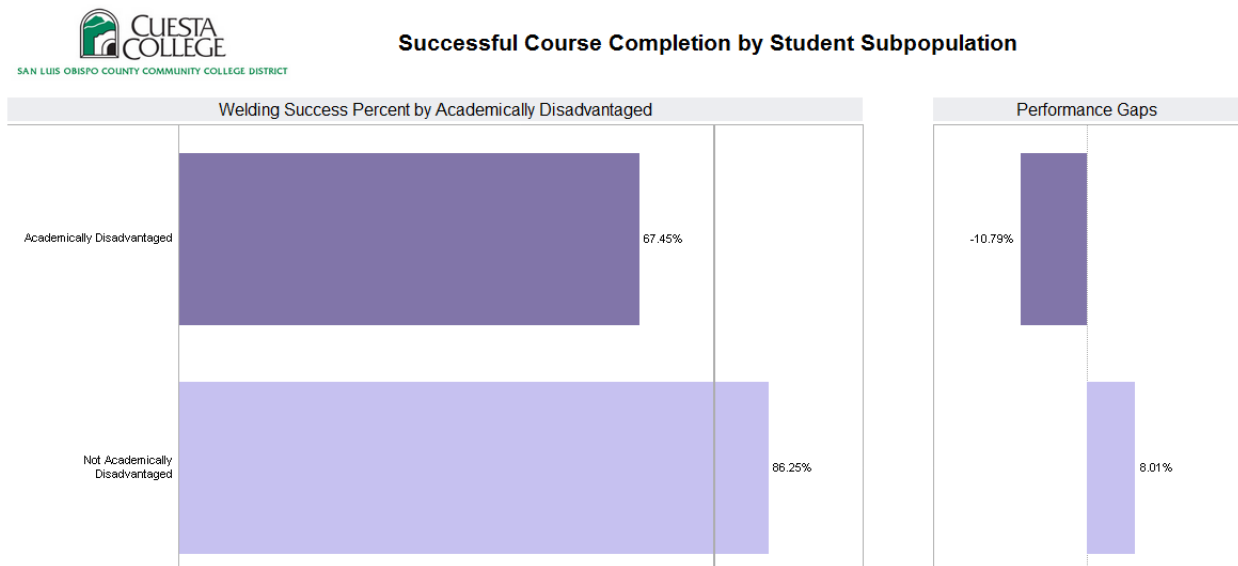
	Academic Year 2011 - 2012	Academic Year 2012 - 2013	Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016
Department Success..	79.96%	79.54%	76.65%	76.86%	78.36%
Total Enrollments	494	475	544	485	513

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

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Review the [Disaggregated Student Success](#) charts, include any charts that you will reference with your responses below.

- Are different demographic groups underrepresented in your success figures?
All groups, with the exception of one, appear to be performing well. One group, Academically Disadvantaged, shows the most significant difference in performance:



In analyzing this data the Welding Department shows a 4.79% higher success rate than the Overall college rate of 62.66%.

- List strategies used during the last year in which data was reported to increase student success. Did your strategies effect change?
There were no strategies employed to change success rates
- List the trend (i.e. increasing, decreasing, same).
Slight Increase
- Based upon the trend, what strategies do you plan on implementing?
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.

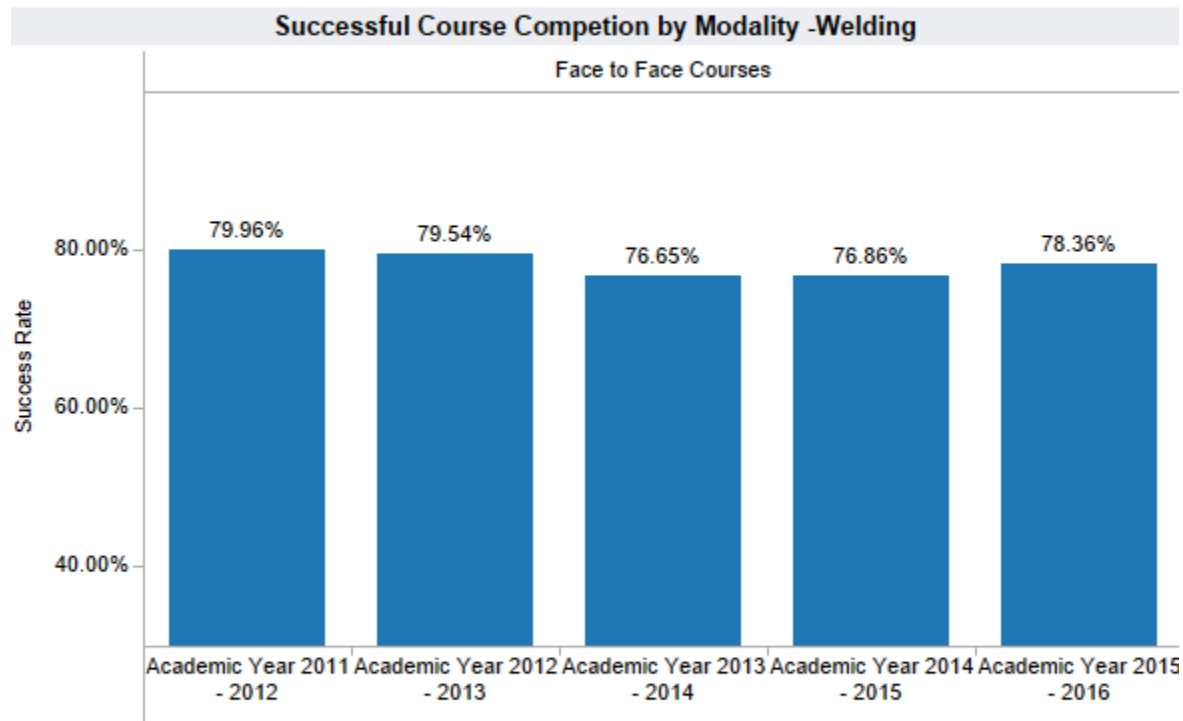
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Student Success—Course Modality (Insert Data Chart)

SLOCCCD Program Review Data: Successful Course Completion

Select Department:
Welding

Legend:
Face to Face Courses

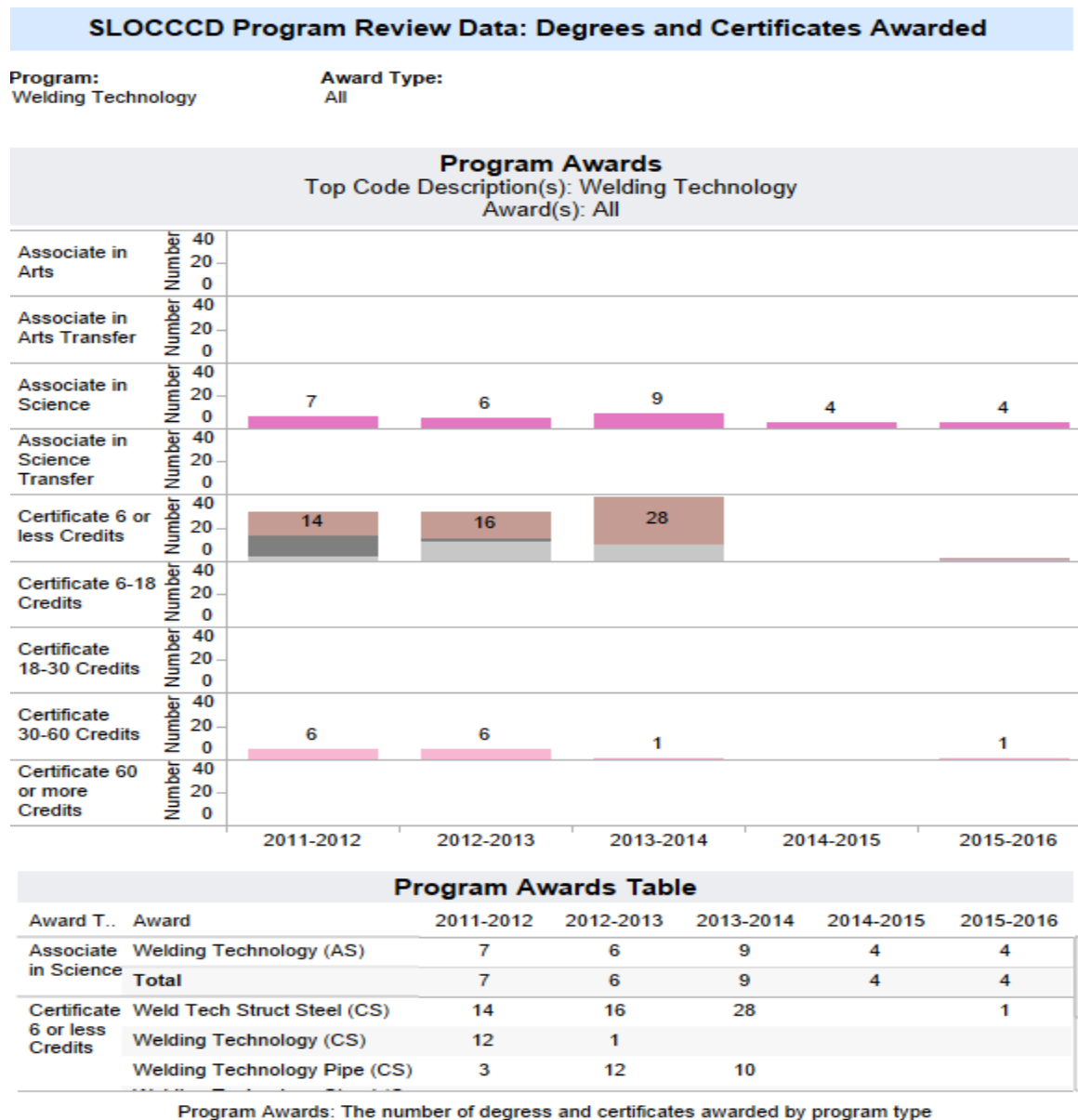


Successful Course Completion by Modality Table - Welding						
		Academic Year 2011 - 2012	Academic Year 2012 - 2013	Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016
Face to Face Courses	Department Success Rate	79.96%	79.54%	76.65%	76.86%	78.36%
	Total Department Enrollments	494.0	475.0	544.0	485.0	513.0

- List strategies used during the last year in which data was reported to increase student success.
None
- Did your strategies effect change?
N/A
- List the trend (*i.e. increasing, decreasing, same*)Based upon the trend, what strategies do you plan on implementing?
Increasing – No new strategies planned

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Degrees and Certificates Awarded (Insert Data Chart)



- List the previous year's projection and current year's projection for degrees and certificates awarded (*i.e. increase, decrease, remain the same*).
Projection was to increase degrees and certificates awarded.
- List the trend (*i.e. increasing, decreasing, same*).
Trend decreased
- List contributing factors to the trend.
Loss of paraprofessional who provided in house coaching and assistance to students qualifying for awards.

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- What strategies will be employed to meet the current year's projection?
Instructors will have to provide in-house assistance for students in order to ensure that award applications are filled out and submitted.

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.

Program Outcomes Assessment and Improvements Checklist and Narrative Checklist:

- ☒ SLO assessment cycle calendar is up to date:
- ☒ Date SLO assessment cycle calendar was last updated:
- ☐ All courses scheduled for assessment have been assessed in eLumen
- ☐ Dates of last completed course assessments in eLumen :
- ☐ Program Sustainability Plan progress report completed

Narrative:

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.
Convert all CPAS document information to the eLumen program
- B. Anticipated changes in curriculum, scheduling or delivery modality
Continue implementation of the Dual Enrollment portion of the program
- C. Levels, delivery or types of services
Continue expansion in the North county
- D. Facilities changes
Upgrading HVAC and overall condition of the shop Summer 2017
- E. Staffing projections
Continue instructor recruitment to obtain more qualified PT Staff
- 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. Please 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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