2022 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

CURRENT YEAR: 2021 TO 2022   PROGRAM: WELDING TECHNOLOGY

CLUSTER: WORK FORCE ECONOMIC DEVELOPMENT   LAST YEAR CPPR COMPLETED: 2020-21

NEXT SCHEDULED CPPR: 2023   CURRENT DATE: 3/2/2022

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:

AS degree in Welding Technology, CA of Achievement in Welding Technology, Certificate of Specialization (CS) in Welding Technology

GENERAL PROGRAM UPDATE

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

NONE

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.
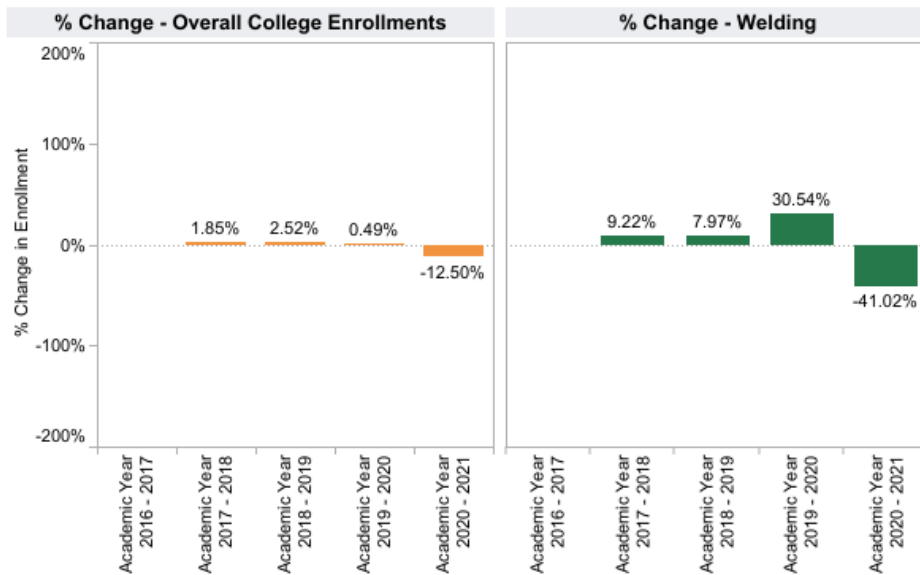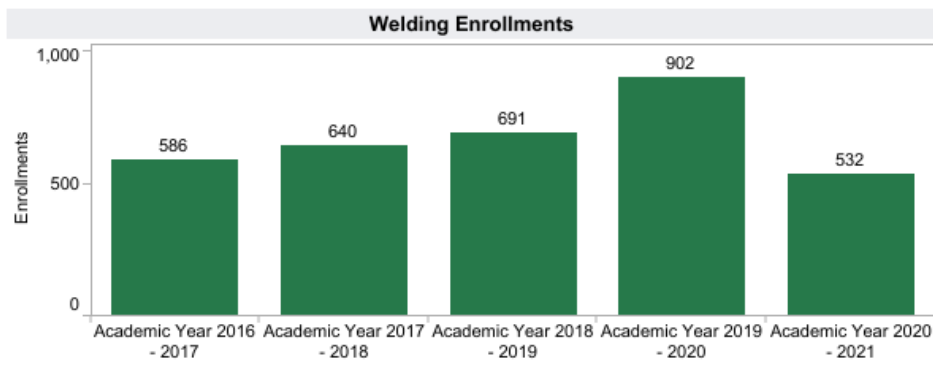
DATA ANALYSIS AND PROGRAM-SPECIFIC MEASUREMENTS

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.

General   Enrollment   (Insert   Aggregated   Data   Chart)

SLOCCCD Program Review Data - Enrollment

Department:	Course:	Dual Enrollment:	Prison:
Welding	All	All	All

Welding Enrollments

Academic Year	Enrollments
2016 - 2017	586
2017 - 2018	640
2018 - 2019	691
2019 - 2020	902
2020 - 2021	532

% Change - Overall College Enrollments

Academic Year	% Change
2016 - 2017	
2017 - 2018	1.85%
2018 - 2019	2.52%
2019 - 2020	0.49%
2020 - 2021	-12.50%

% Change - Welding

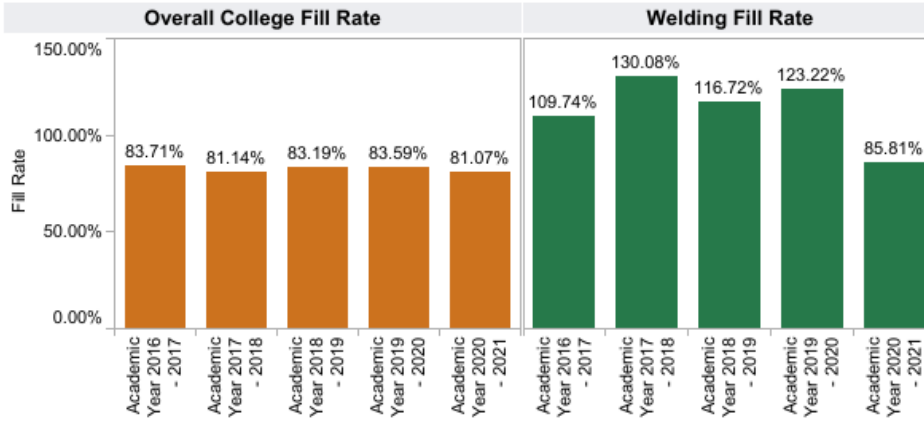| Academic Year	% Change
2016 - 2017	
2017 - 2018	9.22%
2018 - 2019	7.97%
2019 - 2020	30.54%
2020 - 2021	-41.02%

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.

Low enrollment due to Covid 19 and loss of Face to Face contact and limited lab exposure

SLOCCCD Program Review Data - Student Demand (Fill Rate)

Department:	Course:	Dual Enrollment:	Prison
Welding	All	All	All

Overall College Fill Rate / **Welding Fill Rate**

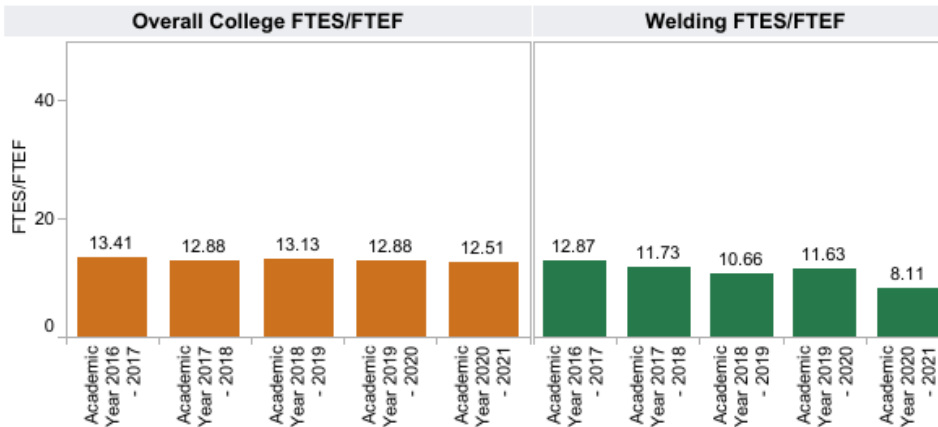|	Overall College Fill Rate	Welding Fill Rate
Academic Year 2016 - 2017	83.71%	109.74%
Academic Year 2017 - 2018	81.14%	130.08%
Academic Year 2018 - 2019	83.19%	116.72%
Academic Year 2019 - 2020	83.59%	123.22%
Academic Year 2020 - 2021	81.07%	85.81%

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.

Fill rate above general enrollment but lack of Face to Face lectures student had difficulty on Zoom lectures and testing on line.

SLOCCCD Program Review Data - Efficiency (FTES/FTEF)

Department:	Course:	Dual Enrollment:	Prison:
Welding	All	All	All

Overall College FTES/FTEF / **Welding FTES/FTEF**

	Overall College FTES/FTEF	Welding FTES/FTEF
Academic Year 2016 - 2017	13.41	12.87
Academic Year 2017 - 2018	12.88	11.73
Academic Year 2018 - 2019	13.13	10.66
Academic Year 2019 - 2020	12.88	11.63
Academic Year 2020 - 2021	12.51	8.11

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

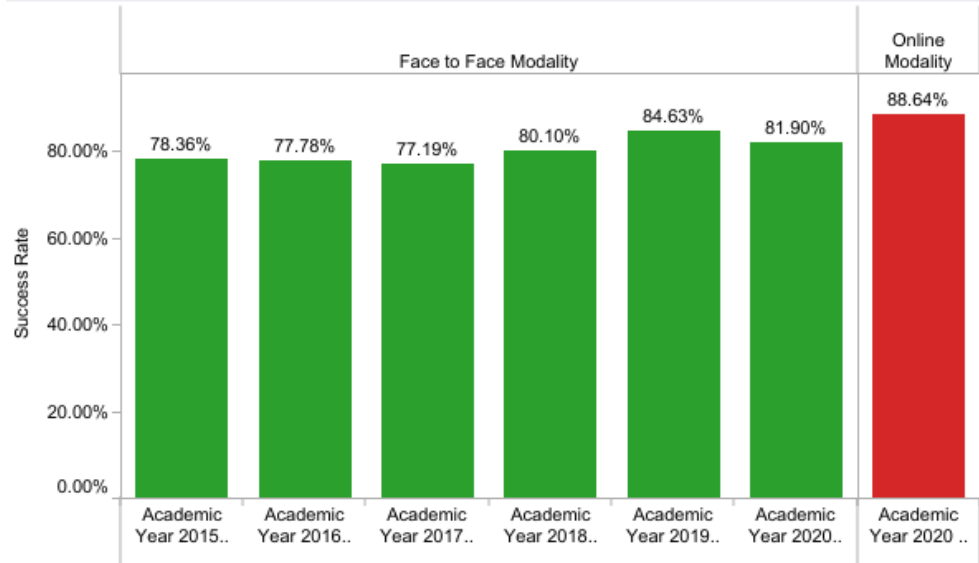The efficiency has been lowered to 8.11 % due to lower enrollment and fill rates related to Covid

SLOCCCD Program Review Data: Successful Course Completion

Select Department:
Welding

Course:
All

Legend:
- Face to Face Modality
- Online Modality

Successful Course Competion by Modality -Welding

### Successful Course Competion by Modality Table - Welding

		Academic Year 2015 - 2016	Academic Year 2016 - 2017	Academic Year 2017 - 2018	Academic Year 2018 - 2019	Academic Year 2019 - 2020*	Academic Year 2020 - 2021
Face to Face Modality	Department Success Rate	78.36%	77.78%	77.19%	80.10%	84.63%	81.90%
	Total Department Enrollm..	513.0	586.0	640.0	605.0	665.0	317.0
Online Modality	Department Success Rate						88.64%
	Total Department Enrollm..						44.0

Face to Face Modality has reminded relatively the same for the past 3 years and the increase in online Modality is a result of our Zoom lectures

SLOCCCD Program Review Data: Degrees and Certificates Awarded

Program:
Welding Technology

Award Type:
All

Program Awards
Top Code Description(s): Welding Technology
Award(s): All
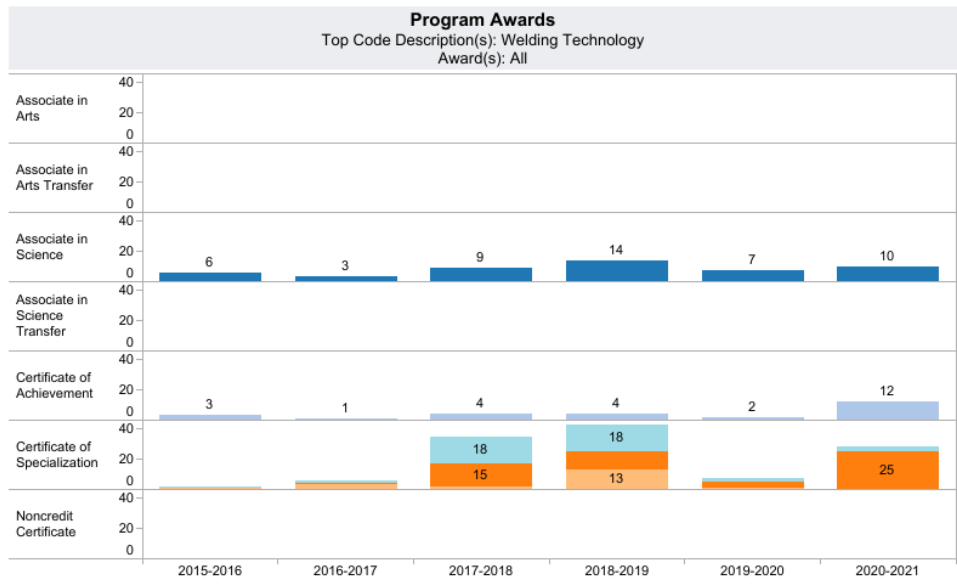
Program Awards Table

Award Type	Award	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Associate in Science	Welding Technology (AS)	6	3	9	14	7	10
	Total	6	3	9	14	7	10
Certificate of Achievement	Welding Technology (CA)	3	1	4	4	2	12
	Total	3	1	4	4	2	12
Certificate of Specialization	Weld Tech Struct Steel (CS)	1	2	18	18	2	3

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

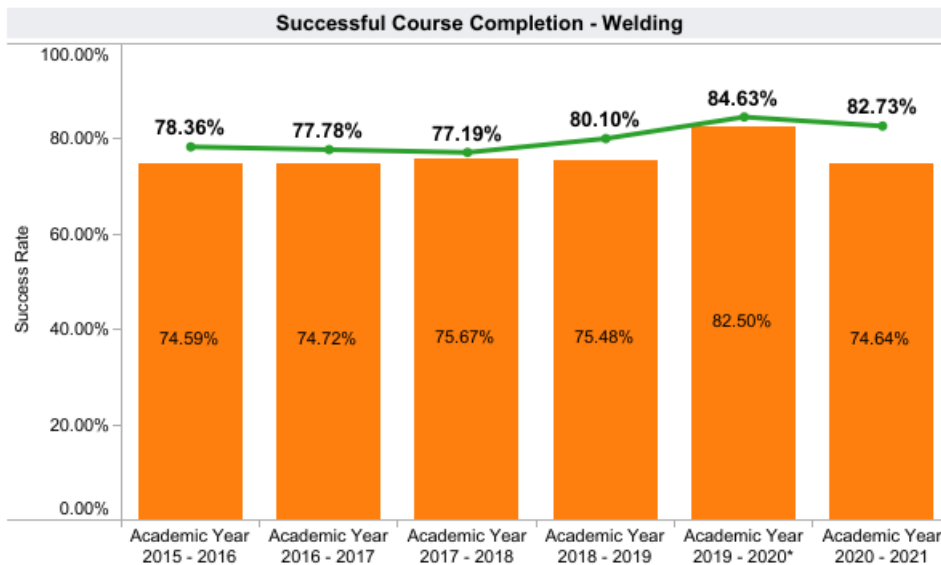Over the past 4 years, the welding program has been strengthening in both certificates and awarded degrees

SLOCCCD Program Review Data: Successful Course Completion

Select Department:
Welding

COURSE
All

TERM
All

Measure Names
- ■ Department Success Rate
- ■ Overall College Success Rate
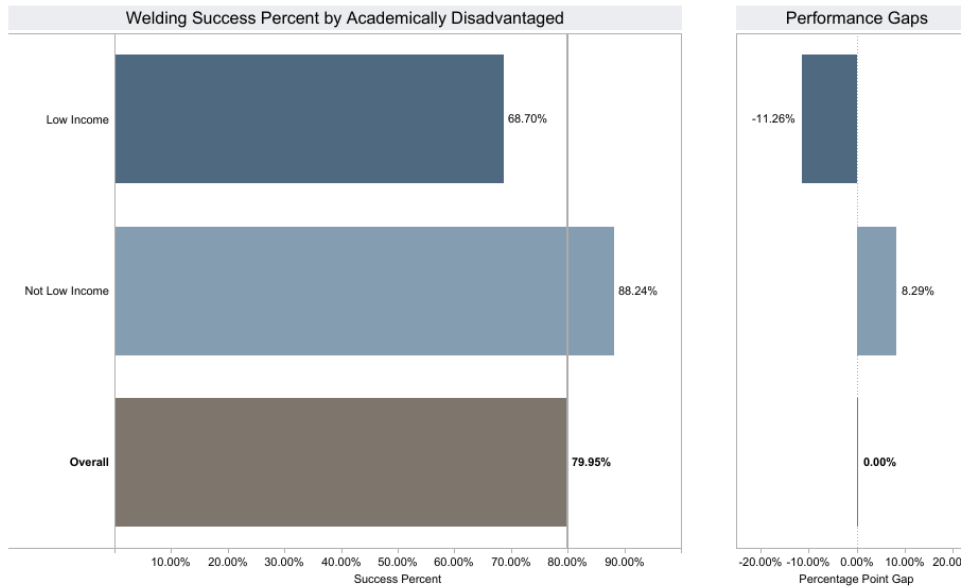
Successful Course Completion - Welding

	Academic Year 2015 - 2016	Academic Year 2016 - 2017	Academic Year 2017 - 2018	Academic Year 2018 - 2019	Academic Year 2019 - 2020*	Academic Year 2020 - 2021
Department Success (green line)	78.36%	77.78%	77.19%	80.10%	84.63%	82.73%
Overall College (orange bar)	74.59%	74.72%	75.67%	75.48%	82.50%	74.64%

Welding Success Rate Table

	Academic Year 2015 - 2016	Academic Year 2016 - 2017	Academic Year 2017 - 2018	Academic Year 2018 - 2019	Academic Year 2019 - 2020*	Academic Year 2020 - 2021
Department Success..	78.36%	77.78%	77.19%	80.10%	84.63%	82.73%
Total Enrollments	513	586	640	605	665	361

The success rate is consistent with the schools wide trend over the past 5 years

Instructional Annual Program Planning Worksheet
Approved by Academic Senate April 28, 2017 Document to be Used for Submission Spring, March 7, 2022

Successful Course Completion by Student Subpopulation

Note: Successful Course Completion is the ratio of enrollments resulting in a final grade of A, A-, B+, B, B-, C+, C, CR or P to all valid grades.

[Disaggregated Student Success](#) No comments at this time

OTHER RELEVANT PROGRAM DATA (OPTIONAL)

Provide and comment on any other data that is relevant to your program such as state or national certification/licensure exam results, employment data, etc. If necessary, describe origin and/or data collection methods used.

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: NONE NOTED

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 None noted
B. Anticipated changes in curriculum, scheduling or delivery modality None noted
C. Levels, delivery or types of services None noted
D. Facilities changes None noted
E. Staffing projections Open employment for new part time instructors, in need of a Certified Welding Inspector or a Certified Welding Educator to assist in providing AWS welding certifications
F. Other

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		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Student Demand (Fill Rate)		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Efficiency (FTES/FTEF)		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Student Success – Course Completion		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Student Success — Course Modality		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Degrees and Certificates Awarded		☐ Identified ☐ Resources Allocated ☐ 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.