

## PROGRAM REVIEW Fall 2018

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**Program:** Welding Technology

**Division:** SLPC

**Date:** Fall 2018

**Writer(s):** Scott Miner

**SLO/SAO Point-Person:** Scott Miner

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**Audience:** Deans, Vice Presidents of Student Services and Academic Services, All Planning and Allocation Committees. This document will be available to the public.

**Uses:** This Program Review will be used to inform the campus and community about your program. It will also be used in the processes of creating Division Summaries, determining College Planning Priorities and allocating resources. A final use is to document fulfillment of accreditation requirements.

**Time Frame:** This Program Review should reflect on program status during the 2017-18 academic year. It should describe plans starting now and continuing through 2018-19. This document also provides the opportunity to describe more long-term plans (optional).

**Sections:** The first section of this Program Review focuses on general program reflection and planning. The second section has specific questions to be filled out by all programs this year. The third section is an SLO/SAO update. The fourth section is a review of curriculum. Only programs with curriculum need to complete Section 4.

**Topics:** A list of topics of particular interest to Program Review readers can be found here:

<https://goo.gl/23jrxT>

**Help:** Contact Karin Spirn: [kspirn@laspositascollege.edu](mailto:kspirn@laspositascollege.edu)

### **Instructions:**

- 1) Please respond to each question as completely as possible.
- 2) If the requested information does not apply to your program, write "Not Applicable."
- 3) Optional: Meet with your dean to review this document before October 22.
- 4) Send an electronic copy of this form to Karin Spirn and your Dean by October 22.

### **Links:**

Program Review Home Page: <https://goo.gl/XATqjJ>

Fall 2017 Program Review Updates : <https://goo.gl/pkv76m>

Frequently Asked Questions: <https://goo.gl/ilhRtt>

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## Section One: Program Snapshot

### No Significant Changes Option

Contact person: \_\_ Scott Miner

By marking an X in the box above, the writers of this Program Review indicate that there have been no significant changes to their program or their program's needs in the past year. In this case, programs may opt not to complete Program Review Section One: Program Snapshot.

**Programs must still complete all other sections (as applicable).**

Please note: Choosing this option means that your program's information may not be included in the yearly Division Summary.

The No Significant Changes Option may only be used for two years in a row; after two years, programs must complete a full Program Review including the Program Snapshot. Our program's most recent Program Review was submitted in the following semester: Fall 2017.

- A. Program Description: Briefly describe your program, including any information or special features of your program that will provide helpful context for readers of this Program Review.**

- B. Changes to Program and Needs: Describe any significant changes to your program or your program's needs since the previous Program Review Update (Fall 2017).**

Mark an X before each area that is addressed in your response.				Definitions of terms: <a href="https://goo.gl/23jrxr">https://goo.gl/23jrxr</a>	
<input type="checkbox"/>	Community Partnerships/Outreach	<input type="checkbox"/>	Facilities, Supplies and Equipment, Software	<input type="checkbox"/>	LPC Planning Priorities
<input type="checkbox"/>	Curriculum committee items	<input type="checkbox"/>	Financial/Budgetary	<input type="checkbox"/>	LPC Collaborations
<input type="checkbox"/>	Enrollment Management	<input type="checkbox"/>	Human Resources	<input type="checkbox"/>	Pedagogy
<input type="checkbox"/>	External Factors	<input type="checkbox"/>	Learning Support	<input type="checkbox"/>	Professional Development
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Services to Students
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	SLO/SAO Process
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Technology Use

C. Reflection: What plans from the [2017 Program Review](#) or any [previous Program Reviews/Updates](#) have been achieved and how? You may also describe achievements that were not planned in earlier Program Reviews.

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<input type="checkbox"/>	Community Partnerships/Outreach	<input type="checkbox"/>	Facilities, Supplies and Equipment, Software	<input type="checkbox"/>	LPC Planning Priorities	<input type="checkbox"/>	Services to Students
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<input type="checkbox"/>	External Factors	<input type="checkbox"/>	Learning Support	<input type="checkbox"/>	Professional Development	<input type="checkbox"/>	

D. IR Data Review: Describe any significant trends in your program’s data from the office of Institutional Research and Planning. (Note: Not all Programs have IR data packets available; if your program does not have a data packet, you may note that in the response box). You may also discuss any other data generated for your program by the Office of Institutional Research and Planning.

IR Data packets are available here: <http://www.laspositascollege.edu/research/progrev.php>

Course Success Rates Dashboard can be found at the bottom of this page: <http://www.laspositascollege.edu/research/outcomes.php>

Mark an X before each area that is addressed in your response.			Definitions of terms: <a href="https://goo.gl/23jrxt">https://goo.gl/23jrxt</a>				
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<input type="checkbox"/>	External Factors	<input type="checkbox"/>	Learning Support	<input type="checkbox"/>	Professional Development	<input type="checkbox"/>	

**E. Other Data Review (Optional): Describe any significant findings based on other data regarding your program. Possible sources of relevant information might include, but are not limited to, the following:**

- Data generated by your program
- CEMC Data
- Labor Market Data

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<input type="checkbox"/>		<input type="checkbox"/>	SLO/SAO Process
<input type="checkbox"/>		<input type="checkbox"/>	Technology Use

**F. Impacts to Students (Optional): Discuss at least one example of how students have been impacted by the work of your program since the last Program Review Update (only if you did not already answer this in Questions B-E).**

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<input type="checkbox"/>		<input type="checkbox"/>	SLO/SAO Process
<input type="checkbox"/>		<input type="checkbox"/>	Technology Use

**G. Obstacles: What obstacles has your program faced in achieving plans and goals?**

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<input type="checkbox"/>	External Factors	<input type="checkbox"/>	Learning Support	<input type="checkbox"/>	Professional Development	<input type="checkbox"/>	

**H. Short Term Planning: What are your most important plans (either new or continuing) for next year? Describe plans starting now and continuing through AY 2018-19.**

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**I. Long Term Planning (Optional): Please detail any long-term plans for the next 3-5 years. (Only if you have significant plans, such as implementation of a grant project, creation of long-term initiatives including those using restricted funds such as Equity or SSSP, construction and outfitting of a new building).**

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## Section Two: Current Topics (Required for All Programs)

- A. **Educational Master Plan:** A list of goals and strategies appears on page ii of the Educational Master Plan, which can be accessed here:

[http://www.laspositascollege.edu/about/assets/docs/LasPositas\\_Ed\\_Master\\_Plan.pdf](http://www.laspositascollege.edu/about/assets/docs/LasPositas_Ed_Master_Plan.pdf)

If applicable, describe how your program's upcoming plans reflect the goals described in the college's Educational Master Plan (your plans are described in Section 1, Questions H-I, or on a previous program review if you did not complete this year's Program Snapshot).

### **Educational Excellence**

Everything we do in our program is focused on this topic. Our high retention rates coupled with good success rates are examples of educational excellence.

### **Community Collaboration**

Continued teaching of Intro to Welding (WLDT 70) as an after school High School program is a crowing jewel in our department's collaboration efforts. The Tri-Valley ROP Summer Camp is another example of something we do to interface with the community in a way different from others. We interface on an annual basis with local industry through the Manufacturing Day initiative every October.

- B. **Program-Set Standard (Instructional Programs Only):** Did your program meet its program-set standard for successful course completion? \_\_\_yes no

Program-set standard data can be found on this page:

<http://www.laspositascollege.edu/research/outcomes.php>

If your program did not meet your program-set standard, discuss possible reasons and how this may affect program planning or resource requests.

**Our Program Set Standard was 84% using the 5 year rolling average. We achieved 80% this year, so according to the measure used in this program review, we did not meet the standard.**

**This could be from a number of factors.**

**New adjunct instructors teaching in the department.**

**Expanded course offerings many being taught for the first time, or first time in many years.**

**Increased scrutiny regarding final test welds may also be a contributing factor.**

**A larger institutional look needs to be taken at the Program Set Standard figures and connect them with realities in the classroom.**

**For example, WLDT did not meet its program set standard of 84%, we got an 80% with 554 enrollments. Because our department got 80%, the program review process requires us to discuss this soft spot and what are we going to do to address the issue and**

bring our program set standard value up so that next year when the IR data comes out, we meet the program set standard for our program.

In contrast, there are 24 other programs on campus that have a set standard less than 70% (gets you a D in a graded class), got a green check next to their name, and did not have to write anything regarding those low number in this section of the program review.

For example, one program has a program set standard of 55% with 6,957 enrollments, and got a green check that it had met is program set standard, and as such there was no reason to discuss the 55% and what the plans and aspirations to get the success rate up in the program?

**Suggestion for future program reviews.**

Reword the question in this section.

Should Read:

**Did your program meet or exceed the COLLEGE –WIDE AVERAGE for Program Set Standards? If not, explain what your plans are to increase the measure of success next year?**

This method pursues the departments that are dragging the college-wide average down. Departments in this current cycle that would have below 72.5%.

*There is no reason to have programs that are above average writing up what they are going to do to improve. Improvement and text needs to come from programs that are below the college-wide average and serving thousands of enrollments.*

C. Facilities: Do you have any facilities needs that are currently unmet? If yes, please describe.

Our welding lab is almost 40 years old. The college has gotten it money's worth out of the structure and it is expected to be retired in the near future

It has wooden beams and no fire sprinklers.

It was built before seismic upgrades came into place after the 1989 earthquake in the bay area

The temperature in the room often exceeds 90 F in the warm months and into the 40-50's in the colder months

D.

Professional Development

Section 87153 of California Education Code specifies the type of Professional Development activities that may be funded by the Community College Professional Development Program. You can review these activities here: <https://goo.gl/w8sqBM>

D1. Summarize the aspects of professional development that have been working well for your program. This might include the process of obtaining funds, the types of training your program members have been attending, etc.

Attending annual welding instructor gatherings has greatly increased cross connections with other colleges. Attending skills building activities are desirable as well.

D2. Summarize any needs, desires and visions your program has regarding professional development, as well as any challenges.

We would like to have more professional development in the area of equipment automation and precision machining and fabrication. Challenges mainly include one person department with minimal technical or teaching support. Most training facilities for instructors are not local.



**E. Program Review Suggestions (optional): What questions or suggestions do you have regarding the Program Review forms or process?**

**See section 2B above.**

### Section Three: SLO/SAOs (Required for All Programs)

A. In the box below, copy and paste your “Plans for Analysis of SLO/SAO Data” from last year’s Program Review. This plan can be found in the [2017 Program Review](#) Section 1 Question L.

(If discussing multiple PSLO/SAOs copy the box below as needed.)

Circle One: PSLO
Course, Program Name, or Student Service Area: <b>Welding Technology</b>
Text of PSLO: Skills Necessary to pass an industry standard certification test.
If you plan to analyze a PSLO, identify the courses that are mapped to the PSLO. SLO’s from WLDT 61AL, 61BL, 62AL, 62BL, 69A & 69B all require one or more welding certification tests at their completion.

B. Below, report on your program’s progress on the plan described in Question (A) above.

Text of PSLO: Skills Necessary to pass an industry standard certification test.
SLOs: Assessment data collected from ___30___ sections over _Three_ semesters.
Describe the quantitative or qualitative results: 84% of the 444 students covering the study period showed Mastery of the welding certification test(s) in their course section. In general, the students seem to be doing better by instructor observation. The data supports that. The combination of lecture, video, demonstration couple with self discovery of the welding process seem to be the correct mix/blend. We will continue to monitor this into the future. This is the most important PSLO to track behind that of safety.
Discuss and reflect upon student achievement for this PSLO. Discuss any actions taken so far (and results, if known) and your action plan for the future: Students do exceptionally well when they apply their skills and knowledge. Practice and determination are two of the greatest factors in an individual that chooses to pursue welding. Providing a venue that provides space to practice and apply their knowledge is the key. Maintaining the shop equipment in a functional order is a critical item if this PSLO is to remain viable.
What changes in student achievement are evident across the semesters you analyzed? What are some possible explanations for these changes? Student achievements showed some

fluctuation , but nothing outside the norm. The variations can be attributed to student determination to succeed, along with amount of actual practice time.

DO you plan to continue tracking this SLO in the next year? Explain.

Yes. This is the most important PSLO to track behind that of safety.

**C. Planning: What are your future plans (either new or continuing) for SLO/SAO analysis for next year? Identify the PSLOs, CSLOs, or SAOs that your program plans to focus on the upcoming year with subsequent analysis (next year's program review). (Copy the box below as needed.)**

Circle One:

PSLO

Course, Program Name, or Student Service Area:

**Welding Technology**

Text of CSLO/PSLO/SAO:

Skills Necessary to pass an industry standard certification test

If you plan to analyze a PSLO, identify the courses that are mapped to the PSLO.

WLDT 61AL, 61BL, 62AL, 62BL, 69A & 69B

**D. SLO/SAO Suggestions (optional):** What questions or suggestions do you have regarding SLO/SAO planning, assessment and reporting?

**Elumen is not intuitive to use, and I dislike having to relearn the interface at the end of every semester. As such, I am unable to provide coordination or training to others in the area of SLO's.**

**Section Four: Curriculum Review  
(Programs with Courses Only)**

The following questions ask you to review your program's curriculum. To see the last outline revision date and revision due date:

1. Log in to CurricUNET
2. Select "Course Outline Report" under "Reports/Interfaces"
3. Select the report as an Excel file or as HTML

**Curriculum Updates**

**A. Title V Updates:** Are any of your courses requiring an update to stay within the 5 year cycle? List courses needing updates below.

No, All courses were updated last year.  
(Course Outline Report in CurricUNET for WLDT is incorrect, does not show current dates)

**B. Degree/Certificate Updates:** Are any degrees/certificates requiring an update to do changes to courses (title, units) or addition/deactivation of courses? List needed changes below.

No, the Degree and Certificate were updated last year.  
An update to the Degree and Certificate is in progress/pending (F2018) to make some corrections and clarifications.

**C. DE Courses/Degrees/Certificates:** Detail your department's plans, if any, for adding DE courses, degrees, and/or certificates. For new DE degrees and/or certificates (those offered completely online), please include a brief rationale as to why the degree/certificate will be offered online.

N/A