Program: Fire Services Technology
Division: PATH
Date: November 5, 2020
Writer(s): German Sierra
SLO/SAO Point-Person: German Sierra

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.

Please note: Program Review is NOT in itself a vehicle for making requests. All requests should be made through appropriate processes (e.g. Instructional Equipment Request Process) or directed to your dean or supervisor.

Time Frame: This Program Review should reflect on program status during the 2020-21 academic year. It should describe plans starting now and continuing through 2021-22.

Sections: This Program Review has been shortened due to the COVID-19 pandemic. The Program Review Committee understands that you are completing this program review in a time of stress and disruption and that this may affect many of your responses. Sections and questions are marked with the name of the committee or office that will use the information.

- The first section 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 a review of curriculum, to be filled out only by programs with curriculum.

Topics: The Program Review Glossary defines key terms. Writers should review this glossary before writing: https://bit.ly/2LqPxOW

For Help: Contact Nadiyah Taylor: ntaylor@laspositascollege.edu.

A list of contacts for help with specific sections is provided on the Program Review website under the "tools for writers" tab. [https://bit.ly/3fY7Ead]

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: Communicate with your dean about completing this document.
4) Send an electronic copy of this form to Nadiyah Taylor and your dean by Monday, November 2.

Links:
Program Review Home Page: laspositascollege.edu/instructionalprogramreview
Fall 2019 Program Reviews: laspositascollege.edu/programreview/pr2019.php
Frequently Asked Questions: laspositascollege.edu/instructionalprogramreview/programreviewfaqs.php

Section One: Program Snapshot [Program Review Committee]

For assistance with this section, contact the Program Review Committee Chair. **[https://bit.ly/3fY7Ead]**

No Significant Changes Option

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Contact person: _____

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 Snapshot was submitted in the following semester: Fall 20_____.

A. Accomplishments: What plans were achieved during AY19-20? You may describe achievements that were or were not planned in earlier Program Review. Your response may include actions regarding COVID-19. Please highlight any positive impacts to students.

Thank you for the opportunity to provide a partial list of accomplishments in the Fire Service Technology Department:

1. **Productivity**: Fire Service Technology Department awarded 28 AS Degrees in the 2019-2020 FY. This is the most awarded since the program inception.
2. **Productivity**: Fire Service Technology Department accounts for 18% of all the Certificate of Achievements College Wide. This is another great benefit for our students since some of these COA come with embedded third-party industry certifications and credentials.
3. **Transfer:** Accelerated BS Fire Administration (Eastern Oregon University) and BA (CSU Humboldt) partnerships. Although there is NO TMC for Fire Service Technology at 4-year schools in California, we have developed a pathway for entry into BA and BS degree programs utilizing our existing courses and including the CSU-Breadth for GEs.
4. **Equity:** Women Outreach Program. LPC FST has founded "LPC Women in FIRE" . This is under the umbrella of Las Positas College and provides career exploration , confirmation, and preparation materials to the over 20 young women in this program.
5. **Transfer-Community Partnerships:** Second FST AS Degree : Fire Officer Leadership and Management seeks to attract nontraditional students , working Firefighters who are seeking promotion to Company Officers or Chief Officers, in progress.

Mark an X before each area that is addressed in your response.				Definitions of terms: https://bit.ly/2LqPxOW		
X	Community Partnerships/Outreach		Facilities, Supplies and Equipment, Software	X	LPC Planning Priorities	X	Services to Students
X	Course Offerings	X	Financial/Budgetary	X	LPC Collaborations		SLO/SAO Process
	Curriculum Committee Items		Human Resources	X	Pedagogy	X	Student Equity
X	External Factors		Learning Support		Professional Development		Technology Use

B. Challenges, Obstacles and Needs: Describe any significant challenges, obstacles or needs for your program. Your response may include issues regarding COVID-19. Please highlight any negative impacts for students.

Here are some of the challenges and opportunities that we face in the Fire Service Technology Department:
1. Funding for student aides FST 7 Class. This class is a feeder to our Fire Academy, it needs permanent funding, this has been discussed at length with our Administration.
2. Permanent CAH allotment to have a second Fire Academy in the Fall semester. We need to institutionalize the Fire Academy into LPC Master Plan.
3. Funding to maintain our Fire Apparatus and other FST equipment used by our Fire Academy and FST 7 courses.
4. As our program keeps growing to include a second Fire Academy , soon 2 associate Degrees , 4 Certificates of Achievement and multiple articulations, dual enrollments with K12 and also with 4-year schools. The workload for the Fire Program Coordinator has grown exponentially. We have County ,State and National Accreditations and several other administrative professional responsibilities. It will be prudent to consider increasing the reassigned time of the Fire Program Coordinator to 5 CAH.

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Mark an X before each area that is addressed in your response.				Definitions of terms: https://bit.ly/2LqPxOW		
	Community Partnerships/Outreach		Facilities, Supplies and Equipment, Software	X	LPC Planning Priorities		Services to Students
	Course Offerings	X	Financial/Budgetary		LPC Collaborations		SLO/SAO Process
	Curriculum Committee Items	X	Human Resources		Pedagogy		Student Equity
	External Factors		Learning Support	X	Professional Development		Technology Use

C. 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 available; if your program does not have a data packet or dashboard data, 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: https://bit.ly/2IYaFu7

Course Success Rates Dashboard can be found at the bottom of this page: https://bit.ly/2Y9vGpI

For assistance with this question, contact the Director of Institutional Research and Planning. **[https://bit.ly/3fY7Ead]**

Observations:
1. **The success rate** for our FST Students in **the Spring *2020 dropped 10% from 79% to 69%.*** We believe this is mainly due to the large number of COVID 19 Withdrawals which doubled from 12% in Spring 2019 to 25% Spring 2020 (Covid-19).
2. Enrollment Management **-FTES Increase**: The Number of FTES for Spring 2019 and 2020 ***shows a 50% increase*** from an average of 34 FTES from 2016-2018 to an average 55 FTES for Spring 2019 and 2020.
3. **Student Demographics Gender:** We continue to have a huge gender gap in our Fire Service Technology program. Although we made significant gains in 2018 and 2019 , we are falling short of the Fire Program Director 25% goal. At this me we are around 15% Female participation in our classes and even a smaller number for our Flag ship program , our Fire Academy. We have created "LPC WOMEN IN FIRE" which is program specifically designed to help our efforts, it has been launched in Fall 2020.

Mark an X before each area that is addressed in your response.			Definitions of terms: https://bit.ly/2LqPxOW		
X	Community Partnerships/Outreach		Facilities, Supplies and Equipment, Software	X	LPC Planning Priorities		Services to Students
	Course Offerings		Financial/Budgetary	X	LPC Collaborations		SLO/SAO Process
X	Curriculum Committee Items		Human Resources		Pedagogy	X	Student Equity
X	External Factors		Learning Support		Professional Development		Technology Use

D. Short Term Planning: What are your most important plans, either new or continuing, for next year? Describe plans starting now and continuing through AY 21-22. (Optional: You may also describe long-term plans if desired.)

1. Development of a First Responder career Pathway in collaboration with the PUSD.
2. Development and Implementation of a second AS Degree "Fire Officer Leadership and Management Degree.
3. Second Fire Academy Fall 2021-Self Assessment Report and Reaccreditation FIRE Academy Fall 2020 .
4. Continue with the Public Safety Complex , new buildings, and Equipment. Continue converting FST courses into DE modalities if applicable

Mark an X before each area that is addressed in your response.				Definitions of terms: https://bit.ly/2LqPxOW		
X	Community Partnerships/Outreach	X	Facilities, Supplies and Equipment, Software	X	LPC Planning Priorities		Services to Students
	Course Offerings	X	Financial/Budgetary	X	LPC Collaborations		SLO/SAO Process
X	Curriculum Committee Items	X	Human Resources		Pedagogy		Student Equity
X	External Factors		Learning Support		Professional Development	X	Technology Use

Section Two: Institutional Planning Topics (Required for All Programs)

A. Equity [Student Equity and Achievement Committee]: Please describe any recent actions your program has taken to increase equity and/or any challenges your program faces in promoting equity and equity-based decision-making? Areas to consider include students impacted by race/ethnicity, gender, sexuality, age, or disability status, as well as students who are disproportionately impacted due to the shift to remote instruction.

For assistance with this question, contact the Director of Student Equity and Achievement**. [https://bit.ly/3fY7Ead]**

> LPC Fire Service Technology Program has two unmet goals , attract a higher number of African American Students and Women. As a program we have been partially successful outreaching to Latin X and other students of color but we are falling short on the two mentioned groups.

B. SLOs/SAOs [SLO Committee]:

You should complete ONE of the following three sections. Please choose the option that is most appropriate for your program:

B1: Instructional Programs with PSLOs
B2: Instructional Programs without PSLOs or with Special Circumstances
B3: Non-Instructional Programs

Skip to the section you chose. If you are not sure which option to pick, contact the SLO Committee Chair or Program Review Committee Chair for assistance.

B1: Instructional Programs with PSLOs

In this year's Program Review, and in support of Accreditation, we would like a snap-shot on how your program plans to collect, discuss and report assessment findings to develop best practices for teaching and student learning ("closing the loop").

As a program, please select one PSLO for a degree or certificate to focus on. This PSLO should reflect one area of your program that you would like to investigate in depth. For example, your selection may focus on an area to improve student success, to update pedagogy, equity issues, or to examine a new degree/certificate, etc.

In this section, describe your plan for assessment data to be collected, analyzed and discussed, and reported out in next year's Program Review. Your plan should identify the CSLOs that feed into your selected PSLO so that a complete data set is collected. You may choose to do this over one or two semesters. In next year's Program Review, you will be asked to summarize your SLO assessments, analysis of those findings, and proposed changes that may be implemented to improve teaching and student learning.

For assistance with these questions, contact the SLO Committee Chair. **[https://bit.ly/3fY7Ead]**

B1a. **In the space below, insert the complete wording of the PSLO and potential reason(s) for selecting it for analysis.**

PSLO for our Fire Service Technology AS Degree
- Upon completion of the AS in Fire Service Technology, the student should be able to demonstrate technical, cognitive, and psycho-motor skills necessary to achieve and maintain employment in the fi re service.

B1b. In the table below, list the CSLOs that feed up to the identified PSLO and check the semester or semester(s) that the CSLO will be assessed and data entered into eLumen.
(If this different than the submitted SLO template plan, please update and resubmit the template plan. Send the updated template to mwiest@laspositascollege.edu and ahight@laspositascollege.edu)

Complete Name of CSLO	Fall 2020	Spring 2021	Summer 2021
The student will be able to explain the education requirements and duties of a Firefighter.		X	

B1c. When will analysis and discussion of the assessment data be completed (during next year's Program Review is an option)? The reporting out of the "closing the loop" analysis will be part of next year's Program Review.

We are hoping to have this completed by Fall 2021

B2: Instructional Programs without PSLOs or with Special Circumstances

If your department does not have PSLOs, you may choose one CSLO to focus on. This option may also be used if there is a strong departmental rationale for focusing on a single CSLO.

As a department, please select a course to focus on. The selected course and one of its CSLOs should reflect an area that you would like to investigate in depth. For example, your selection may focus on a course to improve student success, to update pedagogy, to analyze equity issues, etc.

For assistance with these questions, contact the SLO Committee Chair. **[https://bit.ly/3fY7Ead]**

B2a. In the space below, describe the rationale (such as this is not a degree-granting program, we focus mainly on non-degree courses, etc.)

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B2b. **In the space below, insert the complete wording of the CSLO and reason(s) for selecting it for analysis.**

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B2c. In the table below, list the CSLO and check the semester or semester(s) that the CSLO will be assessed and data entered into eLumen.

(If this is different than the submitted SLO template plan, please update and resubmit the template plan. Send the updated template to mwiest@laspositascollege.edu and ahight@laspositascollege.edu)

Complete Name of CSLO	Fall 2020	Spring 2021	Summer 2021

B2d. When will analysis and discussion of the assessment data be completed?   (During next year's Program Review is an option.) The reporting out of the "closing the loop" analysis will be part of next year's Program Review.

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B3: Non-Instructional Programs

In this year's Program Review, and in support of Accreditation, we would like a snap-shot of how your student service area plans to collect, discuss, and report assessment findings to develop best practices for teaching and student learning ("closing the loop").

Please select one SAO to focus on. This SAO should reflect an area of your program that you would like to investigate in depth. For example, your selection may focus on an area to improve student success, increase best practices, to address equity issues, or to examine a new service/program, etc. The intent is for this section to be useful for reflection to develop best practices for serving students.

For assistance with these questions, contact the SLO Committee Chair. **[https://bit.ly/3fY7Ead]**

B3a. **In the space below, insert the complete wording of the SAO and potential reason(s) for selecting it for analysis.**

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B3b. When and how will this SAO be assessed and data entered into eLumen? (If this different than the submitted template plan, please update and resubmit the template plan. Send the updated template to mwiest@laspositascollege.edu and ahight@laspositascollege.edu)

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B3c. When will analysis of the assessment data will be completed (during next year's Program Review is an option)? The reporting out of the "closing the loop" analysis will be part of next year's Program Review.

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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**

A. Title V Updates [Curriculum Committee]: Are any of your courses requiring an update to stay within the 5 year cycle? List courses needing updates below. Reminder: updates to course title or units, and course deactivations, will require updating any program they are associated with. List programs requiring updating in question (B).

B. Degree/Certificate Updates [Curriculum Committee]: Are there any programs requiring modification? List needed changes below.

C. DE Courses/Degrees/Certificates [Distance Education Committee]: 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.