BASIC PROGRAM INFORMATION

Program Review is a self-study of your discipline. It is about documenting the plans you have for improving student success in your program and sharing that information with the college community. Through the review of and reflection on key program elements, program review and planning identifies program strengths as well as strategies necessary to improve the academic discipline, program, or service to support student success. With that in mind, please answer the following questions:

Discipline Name: Fire Technology

Department Name: Public Safety

Division Name: Career, Technical and Extended Education Division

Please list all participants in this Program Review :

Name	Position
Darryl Hebert	Fire Academy Supervisor
Wayne Hooper	Assistant Professor, Public Safety
Ed Sprague	Assistant Professor, Public Safety
John Thompson	Fire Academy Coordinator

Number of Full Time Faculty: 2   **Number of Part Time Faculty:** 16

Please list the Classified positions (and their FTE) that support this discipline:

Carole Musgrove, Fire Technology Assistant

What additional hourly staff support this discipline and/or department:

Glenda Gardner, Senior Administrative Secretary, 50%

Discipline mission statement: **Link to "How to Build a Mission Statement"**

The mission of the Fire Technology program is to provide exceptional instruction and support to students seeking careers as fire service professionals and to offer employed fire service personnel opportunities for professional growth and career advancement. Learning will take place in an environment that values cultural diversity and is free of harassment and any form of discrimination. Courses are structured to challenge students' critical thinking skills by using situational studies and case histories, in addition to basic skills and knowledge necessary to perform in emergency situations. Students who obtain one or both of the AS degrees or certificates will have the required skills to engage in ethical and moral decision making and will be well rounded individuals that are sought by industry leaders.

List any new degrees and certificates offered within this discipline since your last comprehensive review:

Discipline Level Data: https://sharepoint2.palomar.edu/sites/IRPA/SitePages/PRP%20Summary%20Source.aspx

SECTION 1: PROGRAM REFLECTION

1A. Program Analysis: Reflect upon and provide an analysis of your summary data.

Our numbers remain strong. Including Census load. Our Fill Rate is at 108%. Our greatest numbers are in the increased number of degrees and certificates that the students are earning. Combined, 56% more degrees and certificates were awarded (AA/AS degrees increased 59% and the Certificates increased 53%). More students are completing their education at Palomar College before moving into their chosen profession as Firefighters. Pass rates continue to be even, but we are pleased with the 93% overall success rate. the Fire Technology program remains at capacity, but we are able to accommodate all the students who are enrolling. We are still evaluating our evening classes as to the benefits it brings to our students.

1B. Standards: ACCJC requires that colleges establish <u>institutional</u> and <u>program</u> level standards in the area of course success rates. These standards represent the lowest success rate (% A, B, C, or Credit) deemed acceptable by the College. In other words, if you were to notice a drop below the rate, you would seek further information to examine why the drop occurred and strategies to address the rate.

Discipline Level Course Success Rate:

A. The College's institutional standard for course success rate is **70%**.

B. Review your discipline's course success rates over the past five years.

C. Identify the minimum acceptable course success rate for your discipline. When setting this rate, consider the level of curriculum (e.g., basic skills, AA, Transfer) and other factors that influence success rates within your area. If you set your discipline standard below the College's standard, please explain why.

Standard for Discipline Course Success Rate: 70

Why?

Recognized as a National Standard in the Fire Service Industry

1C. Program Update: Describe your proudest moments or achievements related to student success and outcome.

The Fire Technology Classes have been moved from the Santar Facility to the Escondido Campus. This has allowed the Students to have better access to College resources that include the Student Center, Computer Center and library. This move has also provided adequate office space for both Professors to create a better working and meeting environment for student access.

1D. Program Improvement: What areas or activities are you working on this year to improve your program? Please respond to new data as well as feedback from last year's program review.

Our classes are now offered on Camp Pendleton on a rotating basis. We have started an aggressive marketing campaign that focuses on promoting our programs to future students in our high schools and military service. Our numbers have remained steady in our core classes and we continue to work on adding Level 2 fire service classes for those that are currently working in the fire service.

1E. Unanticipated Factors: Have there been any unanticipated factors that have affected the progress of your previous plan?

With the addition of a full-time Fire Technology/Academy Director the planning process will improve by strategically growing the program through marketing and other community outreach. Offering core classes during both day and night, allowing students flexibility will be part of that plan.

1F. SLOACs: Describe your course and program SLO activities this past year. How have you used the results of your assessments to improve your courses and programs? **Refer to the SLO/PRP report – https://outcomes.palomar.edu:8443/tracdat/**

From our SLO/PRP report. We are very satisfied with the overall results. Students have demonstrated a high level of understanding of the fire department structure and command principles. However, we are looking for different teaching/instruction strategy's to reach a higher number of students. While percentages are high, we are most interested in the fact that most students continue on into the fire academy, which is a significant step toward employment. We feel that expanding our program by offering Level 2 courses, could increase our enrollments with those that are currently employed with-in a fire department. Our Emergency Management classes promote opportunities for those who desire to work within Public Safety who may not desire to work as a firefighter. We are pleased with the 95% class average for their final presentations.

SECTION 2: PROGRAM GOALS

2A. Progress on Previous Year's Goals: Please list discipline goals from the previous year's reviews and provide an update by checking the appropriate status box .

Goal	Completed	Ongoing	No Longer a Goal
Move to the Escondido Campus	◉	○	○
Offer Core Classes during day and night	○	◉	○
Hire full-time faculty for program	○	◉	○
	○	○	○
	○	○	○

2B. New Discipline Goals: Please list all discipline goals for this three-year planning cycle (including those continued from previous planning cycle):

GOAL #1	
Program or discipline goal	Add California Fire State Certified Officer Classes (level 2)
Strategies for implementation	Utilize current certified state instructors to teach upper level classes for both credit and non-credit.
Timeline for Implementation	Spring 2018
Outcome(s) expected (qualitative/quantitative)	Meet the needs of our fire service partners. Provide the necessary educational piece to meet the promotional process required.
GOAL #2	
Program or discipline goal	Expand program to add additional classes at our satellite campuses.
Strategies for implementation	Increase marketing programs to the North and South
Timeline for Implementation	Spring 2018
Outcome(s) expected (qualitative/quantitative)	Establish regular scheduled classes on a rotating basis to meet degree program
GOAL #3	
Program or discipline goal	Provide Public Safety Center at the North Campus to facilitate Fire Technology, Fire Academy, EMS and Police.
Strategies for implementation	Demonstrate the need through data showing that a large percentage of our students come from the areas to the North of San Diego County. Also, several public safety agencies in the area of the North Campus are in need of training facilities that are adequately equiped to meet their needs. Partnering up with Fire Departments such as, Cal Fire, North County Fire Protection District, Vista, Deer Springs and area Water Districts to provide a State of the Art Training Facility can be completed through cost sharing. Currently, the above mentioned Fire Departments do not have adequate facilities to train their personnel.
Timeline for Implementation	With the completion of the North Campus
Outcome(s) expected (qualitative/quantitative)	Self sustaining Public Safety Center that serves the needs of the community Fire Departments and the needs of San Diego North County Public Safety Training Education.

**Department Chair/
Designee Signature:** _____   **Date:** _____

Division Dean Signature: _____   **Date:** _____

Vice President Signature: _____   **Date:** _____