

This Annual update is due on March 25th of each year that your three year Program review and planning document is not due. Please email a copy of this to your Division dean, the VP of Instruction and the Academic Senate President.

1. What is the name of your Department and/or Division?

Fire Technology a program in the Business/Technology division

2. List the names of everyone who participated in developing this annual update.

Keith Marshall

3. Based on the elements in your Annual Update Data Sheet (Provided by IRP to your dean) and goals stated in your most recent Program Review, please identify any key successes and challenges.

The Fire Technology Division has typically met or exceeded the goals of the college as well as our own expectations. The course content is dictated by the State Board of Fire Services. The popularity has always been high but has particularly been high since the event of 9/11/2001. Even this semester we have several sections that started with more than 40 students.

4. Are you on track for meeting the goals/targets that your program identified in its most recent Program Review? If not, please explain possible reasons why. If needed, update your goal/targets based on these reason.

Fire Technology has met and or exceeded the goals and expectations set in the previous Program Review. We have expanded the offerings to present FIRE 715 each semester as opposed to once per year. This was done to allow for more students to meet the prerequisite now required for enrollment to the Fire Fighter 1 Academy. We moved our fire apparatus and equipment into B34 last fall. This has allowed us to be closer to the classroom and equipment for demonstration and manipulative training purposes.

5. Have you identified any new goals or projects for the program to focus on during this next year? Please explain (grants, stipends, initiatives, etc.)

The coordinators position is only part-time and those hours are currently being filled with the requirements of the program. This makes it difficult to research and examine the possibilities of grants for our program. We have continually requested that the Coordinator position be increased to "Full-time". This would allow for more community coordination with the many fire agencies within San Mateo County.

6. Are there any critical issues you expect to face in the coming year? How will you address those challenges?

The critical issue that we foresee is meeting the expectations of the fire service agencies that along with the college face the continuing shrinking budgets. We depend on donations of used equipment from these agencies. Because of the economic conditions they are keeping their equipment longer and not donating as much as in more lucrative times. Our budget for tools and equipment has been small to begin with and has also been lessened.

7. Student Learning Outcome and Assessment focus for this year:

- a. Academic areas: Identify at least one course SLO in on which to focus. Describe the assessment strategies you will use and your method of reflection and documentation for this cycle.

In FIRE 748 SLO #5 is "Explain the importance of safety in the design of apparatus and equipment."

Through lecture, quizzes, midterm, and a final exam the student will be expected to pass with a score of 70% or better.

Evaluation is done through the scantron analysis to see how well the students do as a group and individually.

A survey of the questions will be completed and the results are to be posted on tracdat.

- b. Student services areas: TBD

8. SUMMARY OF RESOURCES NEEDED TO REACH PROGRAM ACTION STEPS (Data resources: Educational Master Plan, GE-SLOs, SLOs; department records; Core Program and Student Success Indicators; previous Program Review and Planning reports)

- a. In the matrices below, itemize the resources needed to reach program action steps and describe the expected outcomes for program improvement.* Specifically, describe the potential outcomes of receiving these resources and the programmatic impact if the requested resources cannot be granted.
- *Note: Whenever possible, requests should stem from assessment of SLOs and the resulting program changes or plans. Ideally, SLOs are assessed, the assessments lead to planning, and the resources requested link directly to those plans.

Full-Time Faculty Positions Requested	Expected Outcomes if Granted and Expected Impact if Not Granted	If applicable, <u>briefly</u> indicate how the requested resources will link to achieving department action steps based on SLO assessment.
A Full-Time Fire Technology Coordinator.	If granted: This would allow the program to be expanded to include the working fire service personnel in our training and classroom programs. If not granted: This would more than likely create a stagnation of the program where it currently is. There is not adequate time at the current ratio to evaluate and see all of the classes given presently and continue with the important issues facing the fire service and the program.	N/A

Classified Positions Requested	Expected Outcomes if Granted and Expected Impact if Not Granted	If applicable, <u>briefly</u> indicate how the requested resources will link to achieving department action steps based on SLO assessment.
None at this time	N/A	N/A

- b. For instructional resources including equipment and materials, please list the exact items you want to acquire and the total costs, including tax, shipping, and handling. Include items used for instruction (such as computers, furniture for labs and centers) and all materials designed for use by students and instructors as a learning resource (such as lab equipment, books, CDs, technology-based materials, educational software, tests, non-printed materials). Add rows to the tables as necessary. If you have questions as to the specificity required, please consult with your division dean. Please list by priority.

Resources Requested	Expected Outcomes if Granted and Expected Impact if Not Granted	If applicable, <u>briefly</u> indicate how the requested resources will link to achieving department action steps based on SLO assessment.
<p>A flag pole to be installed in front of B34. Total cost would come to \$1500.00</p>	<p>Part of the training for fire students is to teach them flag etiquette. By installing the flag pole by the fire academy building we would have the students learn and practice the appropriate flag etiquette. If not granted they would continue to use the portable flag we have inside the building.</p>	
<p>3 - Roof Ladders 14' in length Cost including tax and shipping is \$1100.00 for the three.</p>	<p>These ladders would replace three of our former ladders. Because of the size of our program we need to use multiple ladders when doing training. The older ladders were declared unsafe for use. They were discarded prior to our move up to B34</p>	<p>Students are required to demonstrate manipulative skills in order to pass the course. Because of the requirement we need the safest equipment to measure the abilities of the students. These skills are specified by the State Fire Curriculum and must be demonstrated for certification.</p>
<p>10 – Fire Helmets Cost \$1500.00</p>	<p>Fire helmets are part of the safety equipment that are used to perform the manipulative training. The helmets do on occasion get damaged. This would provide some spare helmets to provide for that event.</p>	<p>Students are required to demonstrate manipulative skills in order to pass the course. Because of the requirement we need the safest equipment to measure the abilities of the students. These skills are specified by the State Fire Curriculum and must be demonstrated for certification.</p>

** Status = New, Upgrade, Replacement, Maintenance or Repair.*

Primary faculty contact

Date

Additional faculty

Date

Additional faculty

Date