

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 have moved to B12 and the program is still functioning at a high level.

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 written a letter of support for the San Mateo Fire Department to receive a grant for new equipment for automobile extrication. If they are successful the grant provides for the donation of their used equipment to CSM. We will hopefully hear in October if successful.

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 making certain that the planning of the space in B34 meet the needs of our current programs as well as the future of them. B25 is scheduled to be torn down and we have equipment storage needs that are unique to the FT sections. Part of B34 is slated to be used for the storage of our current equipment. Once that space is complete we will be moving from B25 and B28 to the newly renovated space.

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 715 SLO #2 is “Identify and describe the working environment of a firefighter, including ethical responsibilities and community awareness.”

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.

- 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>25 Fire Helmets (safety) The cost of the helmet is approximately \$140.00 each. Total cost would come to \$3500.00</p>	<p>Each semester we issue each student a fire helmet and safety clothing to use during manipulative exercises. The equipment protects the student during manipulative training Without this equipment the student's safety would be compromised during training. Injuries would likely increase without the helmets. The current helmets have been used for 5-10 years and have been repaired. We issue between 40 and 45 helmets and need the 25 new ones to replace the old ones that are close to being beyond repair.</p>	<p>The helmets and safety clothing allow the student to participate in group activities that are manipulative skills required for the completion of the course. These requirements are mandated by the State of CA fire training committee. Safety is one of the main priorities we teach in the program.</p>
<p>2 - Ladders 24' in length Cost including tax and shipping is \$1500.00 for the two.</p>	<p>These ladders would replace two of our existing ladders that are quite old. Because of the size of our program we need to use multiple ladders when doing training. The older ladder are very close to being declared unsafe for use.</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>Brady Dynamic Lecture Series Baxter Larmon, University of California, Los Angeles</p> <p>ISBN-10: 0131585703 ISBN-13: 9780131585706</p> <p>Publisher: Prentice Hall Copyright: 2007 Format: CD-ROM Only Published: 12/12/2006 Status: Instock</p> <p>Suggested retail price: \$1773.75</p>	<p>This CD-ROM series is the new required lessons for the EMT program. The series includes the lessons that are a part of the National Certified curriculum for the students. Students must pass a National test after completion of the course.</p>	<p>This CD-ROM demonstrates and supports the curriculum for the student to be informed of the necessary skills needed for success in the course. If we don't have this resource the State and or the National Program could de-certify our course. This would make the offering of this very important course virtually impossible. Students need this course to receive their Firefighter ! Certification as well as to pass the National test.</p>

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

Primary faculty contact *Date*

Additional faculty *Date*

Additional faculty *Date*