I. PROGRAM ASSESSMENT

a. Assessment

Briefly summarize the 2012-13 assessment results. Specifically, following department-wide discussion of last year’s learning outcome data and its analysis, what specific programmatic changes are being proposed to improve the learning of future students?

The 2012-13 assessment results were great and our overall pass-rate of the national test went up eight (8) percentage points.

#1 We addressed our dropout rate which reflects on our program outcomes by having students complete all the third party regulated requirements because students were in the class for purposes other than becoming an Emergency Medical Technician.

#2 We are going to provide a more realistic scenario based assessment using interactive mannequins and a more lifelike scenario to reinforce lecture material.

Briefly summarize success of changes/improvements driven by 2010-11 and 2011-12 assessment data and its analysis. Specifically, have the changes prompted by the analysis of 2010-11 and 2011-12 learning outcome data improved student learning? Have improvements in student learning and performance occurred from the 2010-11 or 2011-12 cohorts?

The change which means the most to our program and more so to the student are the pass rates on the National Registry Exam from 2010-11 and 2011-12 went up in our reporting time frame (2012-13) by 8% percentage points.
b. Resources Allocation

Did your department submit any resource allocation proposals for consideration during the 2012-13 academic year (yes/no)? ___Yes____

If so, briefly describe the request(s)?

We requested the following:

- Advanced Mannequin (Human Simulator) for scenario based learning.
- Have Instructional aide moved from Part-time of 19 hours per week to Full time
- Three (3) computers for students to learn how to do electronic PCRs
- On (1) Computer with cameras to run and interface with scenario based soft ware
- Site improvement for rooms 1006 and 1009 room construction and Furniture props.

Which, if any, were approved?

1 - advanced mannequin (Non-Human Simulator model)
- Three (3) computers for students to learn how to do electronic PCRs
- On (1) Computer with cameras to run and interface with scenario based soft ware

II. Course Specific Data and Research (attach link to data warehouse)

a. Success Rate

What were the success rates for the fall and spring semesters?
Fall 2012 _____54%______ Spring 2013 ____77%_____

Were there any significant differences in the success rates from the fall to spring semesters?
Are there any significant differences in success rates across your program curriculum?

http://www.msjc.edu/CollegeInformation/Administration/InstitutionalResearch/Pages/MSJC-Performance-Data-Warehouse---Stats-by-Subject-and-Course.aspx

Yes there was a significant increase in success rate from fall 2012 to spring 2013 it went from 54% to 77%
b. Retention Rate

What were the retention rates for the fall and spring semesters?
Fall 2012_____ 62% _______ Spring 2013_____ 91% _______

Were there any significant differences in the retention rates from the fall to spring semesters?
Are there any significant differences in retention rates across your program curriculum?

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<tr>
<th>Yes there was a significant increase in success rate from fall 2012 to spring 2013 it went from 62% to 91%</th>
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c. Withdrawal Rate

What were the withdrawal rates for the fall and spring semesters?
Fall 2012 ____ 38% ____ Spring 2013____ 9% _____

Were there any significant differences in withdrawal rates from the fall to spring semesters?
Are there any significant differences in withdrawal rates across your program curriculum?

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<th>Yes there was a significant increase in success rate from fall 2012 to spring 2013 it went from 38% to 9%</th>
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d. FTES

What was the number of FTES for your department for the previous semester?

Fall 2012 ____31____  Spring 2013 ____24____

If you typically offer 6 or more courses each semester:

What are the three courses that generate the most FTES? ______AH 120____ Mon - Wed____
____AH 120_______ Tue Thur and _____AH 120 Friday____.

What are the three courses that generate the least amount of FTES? ______AH 121_Refresher
____________________ and ____________________

Discuss improvements to scheduling necessary to meet student demand and the challenges/concerns/impediments to making these changes.

The AH 120 schedule went from 5 courses to three course offerings and the AH 121 went from 2 per year to one per year which is the minimum.

III. Commentary/Discussion

Discuss potential course improvements not mentioned previously and/or improvements that the department is considering as a result of the analysis of the course data above.

One improvement will be toward implementation of a scenario lab for Emergency Care assessment and treatment.
IV. Program Overview

Please list all degrees and certificates offered by your department or that your discipline supports:

- Emergency Medical Technician Course Completion Certificate
- Emergency Medical Technician (EMT) ECC
- Emergency Medical Technician (EMT) Advanced ECC
- A.S. in Fire Technology
- Certificate in Fire Technology
- Fire Academy Preparation ECC
- Various American Heart Association Certifications:
  - Basic Life Support / Healthcare Provider
  - Advanced Cardiac Life Support
  - Pediatric Advanced Life Support

How many degrees were awarded in Spring 2013? ___N/A_____

How many certificates were awarded in Spring 2013? ___74_____

Describe any curricular enhancements that need to occur to better support or increase student access or success.

An enhancement to the curriculum approval process to make it a little easier to get curriculum through the process would be good.
V. Final Summary

What information and analysis above would you forward for future decision making and planning by your respective dean/division?

We are progressing in our program and it is showing by student retention and our students are passing national EMT test.

Discuss major activities/highlights/achievements and any student success innovations:

Developing scenario and moving from basic mannequin practice to a more lifelike human mannequin model. Students get their cognitive knowledge reinforced and connected to what they will be facing in the EMS world.

VI. Assessment of MSJC Program Review

Any suggestions, concerns or constructive criticism regarding our MSJC program review process?

No
CTE Addendum

II. Data and Research (additional items for CTE)

e. Labor Market Data

- What are the emerging trends in your field?

The field of Emergency Medical Services (EMS) is being brought to the forefront of the medical field as healthcare reform continues to be implemented. The Journal of Emergency Medical Services (JEMS) has stated that “Healthcare Reform Seen as Unparalleled Opportunity for EMS” and “Obamacare will expand and transform EMS’ role.”

Regionally, EMS is continuing to move towards a technologically advanced EMS industry that is coordinated between public and private providers by improving interagency cooperation and unifying Electronic Patient Care Report (ePCR) systems. Riverside County has just appointed a new medical director who wants to bring Riverside County back to the cutting edge of the EMS industry.

- How is your program aligning with the emerging trends in your field?

Our program has recently purchased 3 new computers on which students can practice working with the regional industry standard ePCR programs (we still need to purchase the software).

Our program has also recently purchased a new Sim Man 3G Patient Simulator to provide our students with more realistic patient care scenarios. This enhanced simulator is used to develop critical thinking and rapid, accurate decision making under stressful condition.

We are planning and developing a simulation center which will utilize the new Sim Man 3G and the ePCR computer systems to create the most realistic scenarios possible in the classroom setting. Simulated calls will be based off of real life scenes that our professional experts have worked.

- EDD (links from Suzanne)

http://www.msjc.edu/CollegeInformation/Administration/InstitutionalResearch/Documents/2%20RC%202008-18%20Jobs.pdf

f. Advisory Board

- Identify the membership of your advisory committee.

American Medical Response, Hemet Fire Department, Riverside County Fire

Mission Ambulance

- What have been your responses to the recommendations of the advisory committee? Give some examples of how the recommendations have been implemented, what improvements are your departments making?

We have developed an adjunct class to the EMT class which has incorporated all their recommendations. This class is EMS 120 b and serves to give the student more clinical time and address topics given to us by our advisory committee like map reading, customer service more patient assessment time.
g. Licensure/Certification Rates

- If applicable, what were your licensure rates for the most recent academic year? N/A
- If applicable, what were your certification rates for the most recent academic year? 78%

h. Job Placement

- What were your job placement rates for the most recent academic year? Unknown