

Regional Fire Training Center - Fire & EMS Training Programs

2019 Program Review

MJC Program Review 2019

Modesto Junior College's Program Review process is divided into 3 sections:

- Program Analysis (SWOT Analysis)
- Goal Setting and Activities
- Resource Request

Program Analysis

Internal Strengths

1. What strengths does the analysis of student data reveal?

Fire 85% retention rate Fall to Spring. Students that complete program, 71% earn a living wage. Of Program completers, 87% are employed after 1 year EMS 62% retention rate Fall to Spring. Students that complete program, 73% earn a living wage. Of Program completers, 81% are employed after 1 year

2. Are there specific aspects of the program that are exemplary or could serve as a model?

Both Fire & EMS have third party regulations. Fire 87% of Fire Academy completers pass the CA State Firefighter 1 testing process. EMS EMT completers pass the National Registry test at a rate of 96% or higher

3. What do others see as the program's strengths?

Both Fire & EMS have great California reputations. Local subject matter experts. Continuous job opportunities for both Fire & EMS career fields.

4. How well are students meeting program learning outcomes, skills, or competencies; and how are they relevant to careers in your discipline or industries for which you help prepare students?

Students that complete in each area meet all the outcomes, skills, & competencies. This prepares them to successfully move into Emergency Services careers.

Internal Weaknesses

5. What gaps are observed by reviewing the student data?

Both Fire & EMS have Certificates and terminal Degrees resulting in very low transfers to four-year institutions. Both have 86% or more Hispanic & White Ethnicity. Both have low completion awards. Fire Less than 15% students are female.

6. What disproportionate gaps need to be addressed?

Non-Hispanic & White potential students. Females in the Fire courses. Improving ratio of enrolled to completions of certificates & degrees.

7. What are areas in which the program could improve? (curriculum, scheduling, modality, other?)

Hybrid and on-line course offerings. Streamlining 3rd party required Curriculum changes to meet implementation dates. Improving classroom environment desks, chairs, flooring/carpet, audio-visual equipment. More course offerings (limited classrooms and parking restrict these). Partnering with High Schools with Early College.

8. Where are there gaps in the program on how students are meeting learning outcomes, skills, or competencies?

More quality & quantity time with each student for skill competencies. Updating / improving training props. Full-time faculty for better consistency of course delivery.

External Opportunities

9. Where are potential opportunities for expansion, improvement, or new program development?

High School Early College programs. Collaborate with area Adult Ed. programs. Collaborate with Columbia College programs. Add Emergency Management Program. Develop a unified Public Safety School.

10. What are some industry or disciplinary trends that could enhance the program?

Addressing high demand of Fire & EMS field for immediate offerings of needed classes and courses. Building out courses to combine current and emerging skills & technology for delivery.

External Threats

11. How are changing resources, technology, employer, or transfer requirements affecting the program's ability to serve students?

CA State Fire training changes with industry trends, but our system is slow to adapt. Required training hour increases. Attracting qualified instructors & subject matter experts to our Community College.

12. What are some current industry or disciplinary trends that could have a negative impact on the program?

Getting certificate, going to work, and not returning to complete degree. Individual employers requiring different certificates & training in the same industries.

13. What other obstacles does the program face?

Program funding. Program growth is restricted due to classroom space and parking limitations.

Goal Setting and Activities

Goals

Program Goal	Mission Alignment	Area of Focus
Enroll 3 local high schools in MJC Early College program focused on Fire and/or EMS courses. Achieve by Fall 2021. This will attract more students to MJC.	Innovative Education	Student Support
Increase ethnic diversity from 8.5 to 15% overall in the Fire & EMS courses combined. Achieve during the Fall 2021 enrollments.	Equity	Student Support
Increase female enrollments from 10 to 15% overall in the Fire courses combined. Achieve during the Fall 2021 enrollments.	Workforce Needs	Student Support

Activities

Activities	In Support of Goal #	Outcome or Deliverable
Assemble interested high schools, instructors, and our MJC Early College Team for informational meetings about our MJC program.	Goal #1	At least 3 high school instructors delivering College credit Fire and/or EMS courses in Fall 2021.
Complete agreements with specific high school instructors to deliver Fire and/or EMS courses.	Goal #1	At least 3 high school instructors delivering College credit Fire and/or EMS courses in Fall 2021.
Create posters, pamphlets, and/or videos with the assistance of MJC Students Service to promote Public Safety Career opportunities for underrepresented ethnic populations in the MJC service areas.	Goal #2	By providing career opportunity exposure, applications of underrepresented populations should increase.

Attend career fairs, workshops, and meet with school counselors to distribute materials to targeted population groups.	Goal #2	By providing career opportunity exposure, applications of underrepresented populations should increase.
Assemble current & former female fire students to meet with female groups.	Goal #3	Having female firefighters showing their skills to other females, interest should rise for career choice.
Create video displaying female firefighters.	Goal #3	Having female firefighters showing their skills to other females, interest should rise for career choice.

Resource Requests

Category	Request	Activity #	Estimated Cost
Prof. Devel.	Develop outside instructors to properly deliver MJC Fire and/or EMS curriculum for Early College courses.	1	500
Prof. Devel.	Send necessary RFTC instructors to Ethnic and gender training for the workforce.	3	1500
Equipment	Purchase display equipment for events	3	1000
Technology	Create posters, pamphlets, and videos.	3	1000
Personnel	RFTC Director and MJC Early College personnel to provide information to areas high schools & instructors, and then to develop agreements.	1	500
Personnel	Design promotional materials.	3	1000
Personnel	Attendance at workshops, career fairs, and other assemblies to deliver messages.	4	500
Facilities	Update the classroom desks, chairs, carpet, and instructional delivery systems for students. Applies to all 1-6 activities and overall RFTC program success.	4	75000
Facilities	Develop adequate Parking for students. Applies to all 1-6 activities and overall RFTC program success.	4	350000