

1. Assessment Plan - Three Column



PIE - Technology & Health: Fire Technology Unit

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>1. Where We Make an Impact: Closing the Loop on Goals and Resources</i>
<p>Work Experience Program - Develop the work experience to include additional public and private industry partners Status: Active</p>	<p>Report directly on Goal</p>	<p>Reporting Year: 2018-19 % Completed: 50 Fire Technology continues to expand opportunities with industry partners to grow the the Work Experience Program. (04/30/2019)</p>
<p>Goal Year(s): 2016-17, 2017-18, 2018-19, 2019-20, 2020-21 Date Goal Entered (Optional): 09/01/2016</p>	<p>Request - Full Funding Requested - Create professional literature to support and promote the work experience program. Conduct an open house meet and greet with current and future work experience partners. Expanding the work experience program will allow more students to participate as students in a work like setting allowing students an opportunity to experience different related career fields. *Describe Plans & Activities Supported (Justification of Need): Expanding the work experience program will allow more students to participate as students in a work like setting allowing students an opportunity to experience different related career fields. *Lead: Raymond Mosack What would success look like and how would you measure it?: Success in this activity will be measured by</p>	<p>Reporting Year: 2018-19 % Completed: 50 Over the last year the work experience program had 29 students enrolled in the program at 9 different sites. Two students obtained full time employment as a result of the program. However, the ability to market the program to recruit new industry partners to place students is difficult due to lack of funding. To date we have 9 industry partners to place students with after losing 1 site last year. (05/02/2019)</p> <p>Reporting Year: 2017-18 % Completed: 25 During the last year the work experience program has remained static regarding the number of students and industry partners. Recruitment opportunities for industry partners is limited to our annual advisory meeting due to lack of an ongoing funding source. Student recruitment occurs at the beginning of each primary semester and is reliant on professors making announcements in class. This goal has not received the requested funding. (05/10/2018)</p> <p>Reporting Year: 2016-17 % Completed: 50 The work experience program has grown over the past 2 years. Last semester we had 20 students enrolled and 10</p> <p>: The assessment of this plan has created an opportunity for the program to hire a full-time employee to help manage and</p>

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	<p>the number of student who successfully complete the work experience program. Success in this activity will measured by students who obtain employment in their selected career.</p> <p>Type of Request: MARKETING: Requests for services in the areas of graphic design, news, and photography, posting information, communication and social media.</p> <p>Planning Unit Priority: Medium</p> <p>One-Time Funding Requested (if applicable): 3000</p>	<p>agency partners. Over the past 4 years we have had 5 students who completed the program obtain full-time employment as a result of their work experience opportunity. (08/01/2017)</p>	<p>coordinate the implementation of the program. As a result of the additional staff, the work experience program is now in a position to to expand by additional 50%.</p> <p>The work experience program has allow students in the fire technology program an opportunity to work in a public safety environment with an emphasis on learning the administrative side of the career. (08/01/2017)</p>
<p>Perkins Grant - Apply for Perkins grant funding to support Fire Technology instructional equipment, recruitment and retention activities and related conference and travel expenses.</p> <p>Status: Active</p> <p>Goal Year(s): 2016-17, 2017-18, 2018-19, 2019-20, 2020-21</p> <p>Date Goal Entered (Optional): 09/01/2016</p>	<p>Report directly on Goal</p>	<p>Reporting Year: 2018-19 % Completed: 50</p> <p>Fire Technology has applied for Perkins grant funding for the 18/19 academic year. Fire technology was awarded grant money for instructional equipment (Ladders, RIT Bags, and CMC Rescue Equipment). Fire Technology was also funded for expenses to attend one CFTDA quarterly meeting in Sacramento. (04/30/2019)</p> <hr/> <p>Reporting Year: 2017-18 % Completed: 50</p> <p>Fire Technology has applied for Perkins grant funding for the 17/18 academic year. Fire technology was awarded grant money for instructional equipment (jaws of life). Fire Technology was not funded for conference and travel or recruitment expenses. (05/10/2018)</p>	
	<p>Request - No Funding Requested - Apply for and utilize Perkins Grant funding to support Fire Technology Program success.</p> <p>*Describe Plans & Activities Supported (Justification of Need): Faculty need to attend Perkins Grant planning workshops and related administrative activities</p>	<p>Reporting Year: 2018-19 % Completed: 50</p> <p>The implementation of this plan has allowed the fire technology program to use grant funding to purchase necessary fire academy tools and equipment to help maintain fire academy accreditation. The funding has also be used to support required travel and conference expenses related to the Director of Public Safety Programs and the Assistant Director of the Paramedic Program.</p>	<p>: As a result of implementing this plan the Fire Technology Program has used grant funding to purchase fire academy equipment. The need for this equipment was required after the adoption of the 2013 Firefighter curriculum changes and the adoption of the IFSAC/ProBoard</p>

Unit Goals	Resources Needed	1. Where We Make an Impact: Closing the Loop on Goals and Resources	
	<p>*Lead: Raymond Mosack</p> <p>What would success look like and how would you measure it?: Successfully receiving Perkins Grant funding will be measured by the number of programs completes who are highly qualified and prepared for the work place.</p> <p>Type of Request: INSTRUCTIONAL SUPPORT PROGRAM FUNDING (INSTRUCTIONAL EQUIPMENT): Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.</p> <p>Planning Unit Priority: High</p>	<p>Future funding requests will be utilized to cover recruitment expenses for all public safety programs. (04/30/2017)</p>	<p>firefighter written and skills testing requirements. Additionally, funding was used to cover travel and conference expenses for the Director of Public Safety Programs and Assistant Director of the Paramedic Program. Attending Regional and State meetings and conferences has allowed the program to remain connected with emerging trends and information from related industry partners. (08/01/2017)</p>
<p>Online Instruction - Develop on line course offerings for fire technology core classes</p> <p>Status: Archive</p> <p>Goal Year(s): 2016-17, 2017-18, 2018-19, 2019-20</p> <p>Date Goal Entered (Optional): 09/01/2016</p> <p>Date Goal Archived/Inactivated (Optional): 03/26/2020</p>	<p>Report directly on Goal</p>	<p>Reporting Year: 2018-19</p> <p>% Completed: 100</p> <p>Goal complete, all 6 Fire Technology core courses are now available on-line. The core classes are FIRE 1, FIRE 2, FIRE 3, FIRE 4, FIRE 5, and FIRE 13. (04/29/2019)</p>	
		<p>Reporting Year: 2017-18</p> <p>% Completed: 100</p> <p>All Fire Technology core classes have been approved for online instruction. Fire Technology core classes include: FIRE 1, FIRE 2, FIRE 3, FIRE 4, FIRE 5, and FIRE 13. (05/10/2018)</p>	
<p>Program recruitment - Provide for recruitment opportunities for under represented students</p> <p>Status: Active</p> <p>Goal Year(s): 2016-17, 2017-18, 2019-20, 2020-21</p> <p>Date Goal Entered (Optional): 09/01/2016</p>	<p>Report directly on Goal</p>	<p>Reporting Year: 2018-19</p> <p>% Completed: 0</p> <p>Marketing materials have been budgeted for and are currently being developed to attract under represented students. (05/01/2019)</p>	
		<p>Reporting Year: 2017-18</p> <p>% Completed: 0</p> <p>There is currently no progress on implementing this plan.</p>	

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	<p>Report directly on Goal</p> <hr/> <p>Request - Full Funding Requested - This plan will require the need to develop and distribute career oriented literature, perform outreach activities, and conduct hands-on skills and fitness related activities.</p> <p>*Describe Plans & Activities Supported (Justification of Need): The Fire Service is activity recruiting qualified women for fire suppression positions. This plan implements a strategy to identify, recruit, and prepare women for fire suppression jobs.</p> <p>*Lead: Raymond Mosack</p> <p>What would success look like and how would you measure it?: Increased participation and successful competition of the fire academy.</p> <p>Type of Request: MARKETING: Requests for services in the areas of graphic design, news, and photography, posting information, communication and social media.</p> <p>Planning Unit Priority: High</p> <p>On-Going Funding Requested (if applicable): 4000</p> <p>Total Funding Requested: 4000</p>	<p>Without funding to cover the costs for advertising, recruiting, and training for under represented classes of students the success in under represented will be minimal. (05/10/2018)</p> <hr/> <p>Reporting Year: 2016-17</p> <p>% Completed: 0</p> <p>There is currently no progress on implementing this plan. Without funding to cover the costs for advertising, recruiting, and training for under represented classes of students the success in under represented will be minimal. (08/01/2017)</p>	<p>: There are no use of results. There is currently no funding for this plan. The creation of a funding source for this plan will allow for implementation of this plan. (08/01/2017)</p>
<p>Fire Technology New Faculty Hire. - Fire Technology needs to hire a second full-time faculty. Status: Active Goal Year(s): 2017-18, 2018-19,</p>	<p>Report directly on Goal</p>	<p>Reporting Year: 2018-19</p> <p>% Completed: 0</p> <p>Fire Technology is down two full-time faculty members. A recruitment is in progress for one position but remains open for qualified candidates. (05/01/2019)</p>	

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2019-20, 2020-21
Date Goal Entered (Optional):
 05/14/2018

Request - Full Funding Requested -
 Two additional full-time faculty.
***Describe Plans & Activities Supported (Justification of Need):**
 Fire Technology needs to hire two full-time faculty to replace Jamie Hirsch and Raymond Mosack who promoted to a management positions. These new hires will help absorb the additional work load created by the addition of 6 on-line FIRE course offerings. In addition the new hire will also coordinate the scheduling and delivery of the Fire Officer Certificate program to in-service firefighters that is required for accreditation.
***Lead:** Raymond Mosack
What would success look like and how would you measure it?: Success will be measured through the evaluation of enrollment data pertaining to the six online Fire Technology courses and for the Fire Officer Certificate Program. The online course offerings provide students with the flexibility to take required courses needed to gain access into the fire academy. The Fire Officer Certification Program is require course work needed for promotion opportunities in the fire service. The new faculty hire will be assigned to ensure the success of these two programs.
Type of Request: STAFFING: Requests for permanent employee positions or temporary/hourly employees.
Planning Unit Priority: High
On-Going Funding Requested (if

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applicable): 270000
Total Funding Requested: 270000

Professional Development - Funds needed to attend all California Fire Technology Director Meetings. Quarterly meeting are required for Fire Directors.

Status: Active

Goal Year(s): 2017-18, 2018-19, 2019-20, 2020-21

Date Goal Entered (Optional): 06/26/2018

Report directly on Goal

Reporting Year: 2018-19

% Completed: 25

Funding was secured through the Perkins grant spend down to attend one quarterly meeting in May. (05/01/2019)

Request - Full Funding Requested -

\$8,000 on-going funds

***Describe Plans & Activities**

Supported (Justification of Need):

Funds will be used to support travel costs to attend four California Fire Technology Directors Meeting. The primary purpose for the meeting is to support Fire Academies as Accredited Regional Training Programs and to ensure all mandated curriculum, policies and procedures are adhered to according our accrediting body.

***Lead:** Raymond Mosack

What would success look like and

how would you measure it?: Success would include attending all four quarterly meetings. Success will be measured by successfully implementing an Accredited Regional Fire Academy and graduating all enrolled students.

Type of Request: PROFESSIONAL & ORGANIZATION DEVELOPMENT (POD): Requests that provide professional learning opportunities for Mt. SAC employees.

Planning Unit Priority: High

On-Going Funding Requested (if applicable): 8000

Total Funding Requested: 8000

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<p>Hire a part-time Career Specialist - Hire a part-time "Career Specialist" to assist with work experience placements and employer panels, career fairs and experiential learning activities. Status: Active Goal Year(s): 2017-18, 2019-20, 2020-21 Date Goal Entered (Optional): 06/27/2018</p>	<p>Report directly on Goal</p> <hr/> <p>Request - Full Funding Requested - Salary and benefits for as part-time classified position *Describe Plans & Activities Supported (Justification of Need): The part-time Career Specialist will assist with work experience placement, employer panels, career fairs and experiential learning activities as needed. This position would work directly students to help prepare them for careers in their selected field of study. Activities would include; resume development, oral interview preparation and navigating job search resources. *Lead: Raymond Mosack What would success look like and how would you measure it?: Students success in completing experiential learning activities will lead to a greater percentage job ready students. Type of Request: STAFFING: Requests for permanent employee positions or temporary/hourly employees. Planning Unit Priority: High On-Going Funding Requested (if applicable): 55000 Total Funding Requested: 5500</p>	<p>Reporting Year: 2018-19 % Completed: 0 There is currently an open recruitment to fill this position. (05/01/2019)</p>
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<p>Develop a Wildland Fire Academy - Develop a Wildland Fire Academy Associate Degree and Certificate Program</p>	<p>Request - Full Funding Requested - Type III Wildland Engine *Describe Plans & Activities Supported (Justification of Need): A</p>	
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Status: Active
Goal Year(s): 2018-19, 2019-20, 2020-21
Date Goal Entered (Optional): 05/02/2019

Type III Wildland Engine is needed to teach a Wildland Fire Academy
***Lead:** Ray Mosack
What would success look like and how would you measure it?: Student enrollment, student completion, and student employment.
Type of Request: INSTRUCTIONAL EQUIPMENT: Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.
Planning Unit Priority: Medium
One-Time Funding Requested (if applicable): 150000
Total Funding Requested: 15000
Request - Full Funding Requested - 2
 Wildland 10 person Crew Transport Vehicles
***Describe Plans & Activities Supported (Justification of Need):**
 Wildland Crew Transport vehicles are required to run a Wildland Fire Academy
***Lead:** Ray Mosack
What would success look like and how would you measure it?: Student enrollment, student completion, and student employment.
Type of Request: INSTRUCTIONAL SUPPORT PROGRAM FUNDING (INSTRUCTIONAL EQUIPMENT): Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.

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Planning Unit Priority: Medium

One-Time Funding Requested (if applicable): 100000

Request - Full Funding Requested -

Miscellaneous Wildland Firefighting tools and equipment Including the following; Shovels, Pulaski, McLeod, Chain Saws, Drip torches, personal protective equipment, Swatter, Rogue Hoe, Chigadera Tool, Rogue Pick Hoe, Axes, Portable Pumps, Saw Chaps, Belt Weather Kits, Back Pack Pumps, Fire Shelters, Collapsible Water Tanks, Helmets, Googles, Radio Harnesses, Back Packs.

***Describe Plans & Activities**

Supported (Justification of Need):

These tool and equipment are required to teach a Wildland Fire Academy.

***Lead:** Ray Mosack

What would success look like and

how would you measure it?: Student enrollment, student completion, and student employment.

Type of Request: INSTRUCTIONAL

SUPPORT PROGRAM FUNDING

(INSTRUCTIONAL EQUIPMENT):

Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.

Planning Unit Priority: Medium

One-Time Funding Requested (if applicable): 65000

Request - Full Funding Requested -

Classroom - Section 10.78 of the Mt San Antonio College 2018

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Educational and Facilitates Master Plan, identifies the following Fire Training Facility; "This project would construct an on-campus training facility for Mt. SAC's Fire Technology Program that would supplement the use of off-campus training facilities and burn towers. The facility would include indoor storage for the program's fire engines and equipment, and a secure outdoor multi-purpose training area." Ideally the plan would be amended to include a classroom to be used for the Wildland Fire Academy.

***Describe Plans & Activities Supported (Justification of Need):** A classroom is needed to conduct the didactic portion of the Wildand Fire Academy that is adjacent to the campus hills and planed Fire Training facility.

***Lead:** Ray Mosack
What would success look like and how would you measure it?: Student enrollment, student completion, and student employment.

Type of Request: FACILITIES: This section includes minor building improvement projects and alterations to specific rooms or operational areas.

Planning Unit Priority: Medium
One-Time Funding Requested (if applicable): 300000

Request - Full Funding Requested -
 Full time tenured track fire technology professor

***Describe Plans & Activities Supported (Justification of Need):** A

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qualified wildland fire instructor is required to meet specific certification requirements.
***Lead:** Ray Mosack
What would success look like and how would you measure it?: Student enrollment, student completion, and student employment.
Type of Request: STAFFING: Requests for permanent employee positions or temporary/hourly employees.
Planning Unit Priority: Medium
On-Going Funding Requested (if applicable): 120000

Computer Facilities Assistant - Hire a full time Computer Facilities Assistant
Status: Active
Goal Year(s): 2018-19, 2019-20, 2020-21
Date Goal Entered (Optional): 05/14/2019

Request - Full Funding Requested - Increase our current part time Computer Facilities Assistant for the Tech and Health Division to a full time position.
***Describe Plans & Activities Supported (Justification of Need):** Currently we have one full time Computer Facilities Coordinator and one part time Computer Facilities Assistant for the Tech and Health Division. As we add more courses, more professors, and expand the use of technology to our courses it is evident that there is a need for additional help and support from IT.
***Lead:** Sean Trong
What would success look like and how would you measure it?: The ability to meet the departments IT needs in a timely manner to support faculty, staff and students.
Type of Request: STAFFING: Requests for permanent employee positions or temporary/hourly employees.

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Planning Unit Priority: High
On-Going Funding Requested (if applicable): 57000
Total Funding Requested: 57000

In Service IFSAC ProBoard Testing -
 Develop a cost effective plan to deliver Fire 93 IFSAC ProBoard testing to in-service Firefighters and issue certificates.
Status: Active
Goal Year(s): 2018-19, 2019-20, 2020-21
Date Goal Entered (Optional): 05/14/2019

Request - No Funding Requested -
 Support from Community Education
***Describe Plans & Activities Supported (Justification of Need):**
 Do to the adoption of the IFSAC/ProBoard Firefighter I Capstone Testing by California State Fire Training; we are receiving several requests from in-service firefighters to participate in the testing process. These firefighters have been hired by fire departments that have not been through the IFSAC/ProBoard Firefighter I Capstone Testing. These firefighters are not eligible for Firefighter I or higher certification through State Fire Training until they pass Firefighter I IFSAC/ProBoard Capstone Testing.
***Lead:** Ray Mosack
What would success look like and how would you measure it?: Success would be measured by the ability to conduct IFSAC PoBoard testing for in-service firefighters that is cost effective.
Type of Request: STAFFING: Requests for permanent employee positions or temporary/hourly employees.
Planning Unit Priority: High
On-Going Funding Requested (if applicable): 12000
Total Funding Requested: 12000

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Emergency Communication Tech Degree and Certificate Program -
 Develop an Emergency Telecommunications Tech Degree and Certificate Program in cooperation with all three Public Safety Disciplines, Fire Administration of Justice, and EMS.
Status: Active
Goal Year(s): 2018-19, 2019-20, 2020-21

Request - Full Funding Requested -
 Telecommunications equipment used in a public safety dispatch center.
***Describe Plans & Activities Supported (Justification of Need):**
 The successful development and implementation of an Emergency Telecommunication Tech Degree and Certificate program that prepares students for entry level position as a public safety dispatcher will be the criteria for success. The Public Safety Programs Advisory Committee has formed an ad-hoc committee of subject matter experts to advise faculty on the development of the program.
***Lead:** Lance Heard
What would success look like and how would you measure it?: Student enrollment, student completion, and student employment.
Type of Request: INSTRUCTIONAL EQUIPMENT: Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.
Planning Unit Priority: Medium
One-Time Funding Requested (if applicable): 300000
Total Funding Requested: 300000

Request - Full Funding Requested -
 Lab Space to simulate a public safety dispatch center
***Describe Plans & Activities Supported (Justification of Need):**
 The successful development and

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implementation of an Emergency Telecommunication Tech Degree and Certificate program that prepares students for entry level position as a public safety dispatcher will be the criteria for success. The Public Safety Programs Advisory Committee has formed an ad-hoc committee of subject matter experts to advise faculty on the development of the program

***Lead:** Lance Heard

What would success look like and how would you measure it?: Student enrollment, student completion, and student employment.

Type of Request: FACILITIES: This section includes minor building improvement projects and alterations to specific rooms or operational areas.

Planning Unit Priority: Medium

One-Time Funding Requested (if applicable): 300000

Request - Full Funding Requested - Qualified POST certified full time tenure track Telecommunication Professor

***Describe Plans & Activities**

Supported (Justification of Need):

The successful development and implementation of an Emergency Telecommunication Tech Degree and Certificate program that prepares students for entry level position as a public safety dispatcher will be the criteria for success. The Public Safety Programs Advisory Committee has formed an ad-hoc committee of subject matter experts

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to advise faculty on the development of the program.
***Lead:** Lance Heard
What would success look like and how would you measure it?: Student enrollment, student completion, and student employment.
Type of Request: STAFFING: Requests for permanent employee positions or temporary/hourly employees.
Planning Unit Priority: Medium
On-Going Funding Requested (if applicable): 120000

<p>Turnouts - Replace personal protective equipment for Live Fire Instructors for the Fire Academy Status: Active Goal Year(s): 2019-20, 2020-21 Date Goal Entered (Optional): 06/12/2020</p>	<p>Request - Full Funding Requested - Eight sets of personal protective equipment for live fire training instructors to maintain required firefighter 1 certification for the Fire Academy trainees. *Describe Plans & Activities Supported (Justification of Need): Turnouts have a life span of ten years. Our current sets of eight turnouts was purchased by the college for use by the live fire training instructors are at the end of their ten year life span. In order to maintain accreditation we are required to conduct live fire training as part of Firefighter 1 Certification. Eight sets of turnouts cost \$19,000.00. *Lead: Steve Benson What would success look like and how would you measure it?: Students would graduate from the Fire Academy with a Firefighter 1 certification and the Fire Academy would maintain its status as an</p>	
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Accredited Regional Training Program.

Type of Request: INSTRUCTIONAL EQUIPMENT: Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.

Planning Unit Priority: Urgent

One-Time Funding Requested (if applicable): 19000

Total Funding Requested: 19000