

1. Assessment Plan - Four Column



PIE - Technology & Health: Fire Technology Unit

Narrative Reporting Year

2017-18

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External Conditions, Trends, or Impacts: 1. The Fire Technology Program is required under State Fire Marshal accreditation to provide credit classes per CFSTES, FSTEP, and CICCIS courses for in-service firefighters

2. Fire Academy certification testing required under IFSAC and PRO BOARD accreditation. This requirement requires additional instructional staff to serve as evaluators, and additional equipment to conduct the skills testing.

3. Fire Technology does not have an on campus fire training center for fire academy instruction and must relay on outside contracted agency for all fire academy instruction.

4. Job growth in the Fire Service is at an all time high with the greatest need for Firefighter EMT's and Paramedics.

5. Additional full-time faculty are needed to teach traditional and distant learning courses on campus.

6. Additional full-time faculty are needed to teach in-service firefighters that need continuing education for promotion and career advancement.

7. Additional storage required for Fire Academy at the contracted location in Chino.

Internal Conditions, Trends, or Impacts : 1. The Fire Technology Program must meet the college requirements to assess student learning outcomes

2. Fire Technology needs additional EMT courses to be offered. EMT is a current prerequisite course for fire academy entrance.

3. Fire Technology lost two fulltime positions which must be immediately replaced.

4. Lack of additional fulltime positions prevents expansion of Fire Officer and Bachelor degree programs for in-service firefighter continuing education. Need to hire 1 additional full-time Fire Technology Faculty.

5. Need to develop faculty to become certified to teach in the distant learning environment.

6. Need to hire a part-time career specialist to support experiential learning opportunities for fire technology students.

7. Opened a new computer lab for the purpose of conduction National and State certifications examinations. The lab will also be used to administer quizzes and exams for all three Public Safety Departments.

Critical Decisions Made by Unit: 1. Decision to create and deliver on-line core classes

2. Adopted the 2013 Firefighter 1 curriculum from State Fire Marshals Office

3. Decision to expand the work experience program

4. Decision to merge Fire Technology, Administration of Justice and EMS departments into a new Public Safety Programs department

Notable Achievements for Theme A: To Advance Academic Excellence and Student Achievement: 1. Fire Technology has completed a new articulation agreement with Southern Illinois University to include a Bachelor's degree in Public Safety Management with a specialization in Fire Service Management, Emergency Medical Services or Emergency Management Administration.

2. Fire Technology is participating in the high school dual enrollment program teaching FIRE 1 in three local high schools.

Notable Achievements for Theme B: To Support Student Access and Success: 1. Fire Technology Program has successfully implemented on-line course offerings for FIRE 1, 2, 3, 4, 5, and 13. These courses will be offered during the 2018/19 academic year.

3. Implemented an annual Public Safety Symposium to prepare students for employment opportunities.

4. Perform oral interview and resume workshops for fire academy graduates.

5. Fire Technology is participating in the high school dual enrollment program teaching FIRE 1 in three local high schools.

Notable Achievements for Theme C: Secure Human, Technological, & Financial Resources: 1. Fire Technology has applied for and received Perkins Grant funding which will financially support the program. Funding received will be used to purchase a new "jaws of life"

2. Hired 1of 2 full-time faculty.

3. Hired three additional adjunct faculty to support the dual enrollment program.

4. Received a fire engine donation from Chino Valley Independent Fire District.

Notable Achievements for Theme D: To Foster an Atmosphere of Cooperation and Collaboration: 1. Fire Technology has successfully merged with Emergency Medical Services and Administration of Justice to form the new department 'Public Safety Programs'.

2. Fire Technology is participating in the High School Dual enrollment program by teaching FIRE1, Introduction to Fire Technology on three different high school campuses.

3. Completed a new articulation agreement with Southern Illinois University for a Bachelors degree.

Contributors to the Report: Stephen P. Shull

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
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Work Experience Program - Develop the work experience to include additional public and private industry partners
Status: Active
Goal Year(s): 2016-17, 2017-18
Date Goal Entered (Optional): 09/01/2016

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: 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: Stephen P. Shull
One-Time Funding Requested (if applicable): 1500
Type of Request: Marketing
Planning Unit Priority: Medium
What would success look like and how would you measure it?: Success in this activity will be measured by the number of student who successfully complete the work experience program. Success in this activity will be measured by students who obtain employment in their selected career.

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)

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 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)

: The assessment of this plan has created an opportunity for the program to hire a full-time employee to help manage and coordinate the implementation of the program. As a result of the additional staff, the work experience program is now in a position to expand by additional 50%. 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)

Perkins Grant - Apply for Perkins grant funding to support Fire Technology instructional equipment, recruitment and retention activities and related conference and travel expenses.

Report directly on Goal

Reporting Year: 2017-18
% Completed: 50
 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

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<p>Status: Active Goal Year(s): 2016-17, 2017-18, 2018-19 Date Goal Entered (Optional): 09/01/2016</p>	<p>Report directly on Goal</p> <p>No Funding Requested - Apply for and utilize Perkins Grant funding to support Fire Technology Program success.</p> <p>Describe Plans & Activities</p> <p>Supported: Faculty need to attend Perkins Grant planning workshops and related administrative activities</p> <p>Lead: Stephem P. Shull</p> <p>Type of Request: Marketing, Professional Development</p> <p>Planning Unit Priority: High</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>recruitment expenses. (05/10/2018)</p> <hr/> <p>Reporting Year: 2016-17 % 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>Future funding requests will be utilized to cover recruitment expenses for all public safety programs. (08/01/2017)</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 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 Status: Active Goal Year(s): 2016-17 Date Goal Entered (Optional): 09/01/2016 Date Goal Archived/Inactivated (Optional): 05/10/2018</p>	<p>Report directly on Goal</p> <p>No Funding Requested - Staff time need to process the on-line course curriculum process.</p> <p>Describe Plans & Activities</p> <p>Supported: Submit through curriculum a request to place all 6 Fire Technology core classes in an</p>	<p>Reporting Year: 2017-18 % 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> <hr/> <p>Reporting Year: 2016-17 % Completed: 50</p> <p>Currently Fire 1, 2, and 13 have been certified for on-line instruction (08/01/2017)</p>	<p>: As a result of implementing this plan 3 of 6 fire technology core class are certified for online instruction. The remaining 3 classes are Fire 3, 4, and 5. (08/01/2017)</p>

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on-line format.
Lead: Stephen P. Shull
One-Time Funding Requested (if applicable): 500
Type of Request: Marketing
Planning Unit Priority: Medium
What would success look like and how would you measure it?: Success for this activity can be measured by evaluating and increase number of students qualifying for entrance into the Fire Academy.

<p>Develop a Homeland Security/Emergency Management - Develop a Homeland Security' Emergency Management Associate Degree</p>	<p>Report directly on Goal</p>	<p>Reporting Year: 2017-18 % Completed: 0 The Homeland Security/Emergency Management Associate Degree program has been placed on indefinite hold due to weak labor market data. (05/10/2018)</p>
<p>Status: Active Goal Year(s): 2016-17, 2017-18 Date Goal Entered (Optional): 09/01/2016</p>	<p>No Funding Requested - Faculty resources. Describe Plans & Activities Supported: Establish a faculty committee to identify and create a Homeland Security/Emergency Management Degree Program. Lead: Ray Mosack One-Time Funding Requested (if applicable): 500 Type of Request: Staffing, Marketing Planning Unit Priority: Medium What would success look like and how would you measure it?: Student enrollment will serve as the primary measure of success for this activity.</p>	<p>Reporting Year: 2016-17 % Completed: 50 The courses for the Emergency Management/Homeland Security have been researched, selected, written and submitted to the Educational Design Committee. It is anticipated that it may take up to a year for final chancellor's approval of the courses. (08/01/2017)</p>

: This plan is not complete at this time. It will take approximately a year for all courses in the Emergency Management/homeland Security Program to be fully approved by the Chancellor's Office. (08/01/2017)

<p>Program recruitment - Provide for recruitment opportunities for under represented students Status: Active Goal Year(s): 2016-17, 2017-18</p>	<p>Report directly on Goal</p>	<p>Reporting Year: 2017-18 % Completed: 0 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</p>
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<p>Date Goal Entered (Optional): 09/01/2016</p>	<p>Report directly on Goal</p> <hr/> <p>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</p> <p>Supported: 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: Stephen P. Shull</p> <p>On-Going Funding Requested (if applicable): 4000</p> <p>Type of Request: Facilities , Instructional Equipment, Marketing, Non-Instructional Supplies</p> <p>Planning Unit Priority: High</p> <p>What would success look like and how would you measure it?: Increased participation and successful competition of the fire academy.</p>	<p>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>Continued Quality - Quality of student success as required by Office of the State Fire Marshals, 80% competition rate.</p> <p>Status: Active</p> <p>Goal Year(s): 2016-17, 2017-18, 2019-20</p> <p>Date Goal Entered (Optional): 07/31/2017</p>	<p>Report directly on Goal</p> <hr/> <p>Full Funding Requested - 4 - 16' ladders 4 - 24' extension ladders 2 - 28' extension ladders</p> <p>Describe Plans & Activities</p> <p>Supported: Replace aging, non-certifiable ladder user to train fire</p>	<p>Reporting Year: 2017-18</p> <p>% Completed: 25</p> <p>Of the 4 requested resources only the "jaws of life" was acquired through a Perkins grant funding request. (05/10/2018)</p> <hr/> <p>Reporting Year: 2017-18</p> <p>% Completed: 0</p> <p>There is no progress regarding this plan. A funding source is required for implementation of this plan. Utilizing safe or certifiable equipment for fire academy training is essential and required by OSHA. Fully implementing this plane will ensure student safety and OSHA compliance. (05/10/2018)</p>	

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	<p>academy trainees. Lead: Steven Benson One-Time Funding Requested (if applicable): 8400 Type of Request: Instructional Equipment Planning Unit Priority: High What would success look like and how would you measure it?: Using certified, OSHA inspected ladders will minimize student injuries.</p> <p>Full Funding Requested - This plan requires 10 sections of fire hose to be replaced Describe Plans & Activities Supported: Replace worn-out fire hose of various size. Lead: Steven Benson</p>	<p>Reporting Year: 2016-17 % Completed: 0 There is no progress regarding this plan. A funding source is required for implementation of this plan. Utilizing safe or certifiable equipment for fire academy training is essential and required by OSHA. Fully implementing this plane will ensure student safety and OSHA compliance. (08/01/2017)</p> <p>Reporting Year: 2017-18 % Completed: 0 There is no progress regarding this plan. A funding source is required for implementation of this plan. Utilizing safe or certifiable equipment for fire academy training is essential and required by OSHA. Fully implementing this plane will ensure student safety and OSHA compliance. (05/10/2018)</p>
	<p>One-Time Funding Requested (if applicable): 2000 Type of Request: Instructional Equipment Planning Unit Priority: High What would success look like and how would you measure it?: Using high quality fire hose for fire academy training will provide for a safe environment and allow for task competition. This success will be measured by all students completing all training evolutions.</p>	<p>Reporting Year: 2016-17 % Completed: 0 There is no progress regarding this plan. A funding source is required for implementation of this plan. Utilizing safe or certifiable equipment for fire academy training is essential and required by OSHA. Fully implementing this plane will ensure student safety and OSHA compliance. (08/01/2017)</p>
	<p>Full Funding Requested - Scott SCBA Rapid Intervention Crew Pack (2), includes back-pack, 60 minute cylinder, and SCBA mask Describe Plans & Activities Supported: This plan requires the purchase of equipment to promote fire academy training requirements. Lead: Steven Benson</p>	<p>Reporting Year: 2017-18 % Completed: 0 There is no progress regarding this plan. A funding source is required for implementation of this plan. Utilizing safe or certifiable equipment for fire academy training is essential and required by OSHA. Fully implementing this plane will ensure student safety and OSHA compliance. (05/10/2018)</p> <p>Reporting Year: 2016-17 % Completed: 0 This plan has not been implemented at this time. (08/01/2017)</p>

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	<p>One-Time Funding Requested (if applicable): 7200 Type of Request: Instructional Equipment Planning Unit Priority: High What would success look like and how would you measure it?: All students level of success will be improved by utilizing "state of the art" OSHA approved equipment.</p> <p>Full Funding Requested - One Ton Stake Bed Pick-up Truck Describe Plans & Activities Supported: This truck will be used to support multiple department on campus. Fire Technology would use this vehicle to move fire academy equipment from campus to the Chino Fire Training Center to support academy manipulative training. In addition the department travels to other off site locations such as, Corona and Orange County for the purpose of fire academy training. This vehicle will also have the ability to support the EMS (Paramedic) Program, Administration of Justice and Kinesiology programs. Lead: Stephen P. Shull</p> <p>One-Time Funding Requested (if applicable): 65000 Type of Request: Instructional Equipment, Lottery Planning Unit Priority: High What would success look like and how would you measure it?: The ability to transfer equipment to offsite location is limited due to the availability of an appropriate vehicle to borrow on campus. Public Safety</p>	<p>% Completed: 0 There is no progress regarding this plan. A funding source is required for implementation of this plan. Utilizing safe or certifiable equipment for fire academy training is essential and required by OSHA. Fully implementing this plane will ensure student safety and OSHA compliance. (08/01/2017)</p>	<p>implemented at this time. (08/01/2017)</p>

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programs Department would benefit by having its own vehicle to transfer this equipment to offsite location in timely and efficient fashion.

Fire Technology New Faculty Hire. -
 Fire Technology needs to hire a second full-time faculty.
Status: Active
Goal Year(s): 2017-18, 2018-19
Date Goal Entered (Optional): 05/14/2018

Full Funding Requested - One additional full-time faculty.
Describe Plans & Activities
Supported: Fire Technology needs to hire a second full-time faculty. to replace Jamie Hirsch who promoted to a management position. This new hire 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.
Lead: Stephen P. Shull
On-Going Funding Requested (if applicable): 135000
Type of Request: Staffing
Planning Unit Priority: High
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

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these two programs.
Documentation Attached?: No

To maintain and support the Public Safety Computer Lab - To add 5 additional computer stations and to upgrade all hardware and software to support the delivery of classroom instruction for EMS, Fire Technology and Administration of Justice programs. In addition, the computer lab will be used to administer National, State and Local examinations, leading to improve student success.
Status: Active
Goal Year(s): 2017-18, 2018-19
Date Goal Entered (Optional): 05/29/2018

Full Funding Requested - 5 - Desktop Computers and related hardware and software.
Describe Plans & Activities Supported: Expanding the current number of computer stations in the lab will allow for the ability of faculty to test a greater number of student congruent with current class sizes.
Lead: Stephen P. Shull
One-Time Funding Requested (if applicable): 12500
Type of Request: Instructional Equipment
Planning Unit Priority: High
What would success look like and how would you measure it?: Increasing the number computer stations will increase efficiency by allowing faculty schedule their entire class for testing rather than split sessions.

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

Full Funding Requested - \$3,000 on-going funds
Describe Plans & Activities Supported: 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: Stephen P. Shull

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On-Going Funding Requested (if applicable): 3000
Type of Request: Professional Development
Planning Unit Priority: High
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.

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
Date Goal Entered (Optional): 06/27/2018

Full Funding Requested - Salary and benefits for as part-time classified position
Describe Plans & Activities Supported: 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: Stephen P. Shull
On-Going Funding Requested (if applicable): 55000
Type of Request: Staffing
Planning Unit Priority: High
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

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ready students.