

# 1. Assessment Plan - Four Column



## PIE - Natural Sciences: Agriculture Unit PIE

### Narrative Reporting Year

**2017-18**

**Contact Person:** Brian Scott

**Email/Extension:** bscott@mtsac.edu / 4539

**Program Planning Dialog:** We have been working to begin implementation of some of the plans that we made during the educational and facilities master planning process last year.

**External Conditions, Trends, or Impacts:** 1. We need to meet the requirements of the industries that we serve, as defined by our advisory committees (Registered Vet Tech / Animal Science, and Horticulture).

2. Some students are underprepared for even beginning program courses, and are not successfully completing courses because of lack of foundational knowledge.

3. We are now required to meet requirements for USDA compliance for the care and use of agricultural animals in teaching, which is adding new requirements for how we run our classes and our units.

4. Minimum Wage will continue to increase over the next few years, and there has been no increase in our labor budget. Our labor budget was already insufficient before the wage increase.

5. Rapid advances in technology are being made on a constant basis, changing the way the industry functions. It is critical that we stay up to date with these changes and technology in order to keep our program relevant.

6. Licensing with numerous organizations is required to allow us to legally operate and maintain our program.

7. Ag programs at other local community colleges have been discontinued in recent years, expanding our service area and the distance students must travel to attend classes.

8. Recent definitions of student success at the state level present new challenges to tracking our program success.

9. Drought and campus development, such as the solar farm, has impacted the availability of feed for our animals, and increased feed costs and leads to an increased budgetary need in this area.

10. Regulation for film chemicals is changing to outlaw the use of these chemicals, which will necessitate the replacement of radiographic equipment with digital equipment.

11. Chancellor's Office repeatability policies have impacted students' ability to easily repeat required work experience courses.
12. C-ID review for Animal Science courses is very impacted, and courses have been in the queue for over a year and have not been reviewed. This is impacting our ability to meet the Chancellor's Office's one year deadline for offering Transfer Degrees.
13. Certain Laboratory facilities are in disrepair, but we cannot locate contractors that meet college requirements who can make the repairs.  
**Internal Conditions, Trends, or Impacts :** 1. Faculty replacements are only being offered 10 month contracts, even though they are replacing faculty that had 11 and 12 month contracts. Initially these new faculty were told that they would receive a stipend to make up for the lost contractual time, but they have not been getting paid the stipend.
2. We need stipends for the extra month for faculty that were hired on 10 month contracts. They are replacing faculty that were on 11 or 12 month contracts and were promised stipends when they were hired. These stipends never materialized.
3. Administrative duties have increased and time spent doing them is immense and continues to increase!!!! Faculty are taken away from other duties to meet these requirements.
4. Marketing Needs: we need to continue efforts to reach our market more effectively and consider new markets
5. College Catalog and Student Registration system are hard to use and understand, resulting in confusion among students trying to find and register for classes.
6. Our students have diverse educational goals, and tracking the completion of these goals on a continued basis is challenging, since not all students have the goal of completing a certificate or degree.
7. Cost to maintain CTE laboratories (farm facilities, labor, equipment) that are current with industry needs and standards.
8. Work experience policies have changed, impacting students' ability to register for and complete required work experience courses. Registration is negatively impacted due to repeatability and prerequisite issues. Students are less likely to repeat work experience. Faculty are required to verify student eligibility, but do not have access to the student records. Policies, forms, and expectations are constantly changing without an organized notification system to inform faculty.
9. The building formerly targeted for use as the small animal care facility will now become the Dog Kennels. We are working with a project manager to complete this project, but progress is slow.
10. We are unable to complete the Dog Kennel area at the Agricultural complex (building 80) due to financial restraints and USDA regulations. We are currently in the process of re-purposing the area.
11. We have the need to increase the hours of classified positions that are vital for maintaining our farm units and accommodating laboratory activities. Although part time positions have been approved to fill some of these positions, it is not a long term solution, and will not meet the requirements for maintaining AVMA accreditation. We still have the need to convert these part time positions to full time positions, (Horse Trainer - Converted to Equine Operation Specialist)
12. Due to Internal re-structuring we need to eliminate the Horse Trainer position and hire a full time Equine Specialist.
13. Implement new classified support positions - Full time livestock production assistant (1/2 time swine, 1/2 time other livestock), Farm Production assistant

14. Certificates and degrees are not awarded automatically, so many students do not ever apply for certificates or to graduate because they believe they will automatically receive their degree or certificate.
15. The PIE process is being used as a way to justify actions, funding, etc, but faculty were allowed very little time this year to do it. The deadline was moved up and the updated PIE database was not available until Spring Semester, when faculty is already heavily overloaded with paperwork and finishing classes.
16. The college needs to be proactive about communicating the details of faculty's administrative requirements by delineating tasks and samples or examples of how to complete the tasks. Faculty are constantly given emergency mandates to do tasks and re-do tasks because of a failure to communicate clear expectations from the beginning.
17. Budget for supplies has not been increased for many years, but the cost of supplies has increased. The district supply fund cannot meet the needs of classes because of high student enrollment. We have also been asked to increase the number of courses, and availability of supplies limits our ability to do so.
18. The student labor budget has not been increased during the careers of any of the existing faculty, in spite of major increases in minimum wage requirements, regulations from external forces, and the increasing size of the Laboratory facilities.
19. Conference and travel funding is not available for classified staff.
20. The college master plan infringes upon instructional facilities required to maintain department programs, which will inhibit our ability to provide educational opportunities to our students and successfully complete our student learning outcomes.
21. Construction of elements of the college master plan infringes upon pastures used to feed our livestock, and has impacted the availability of feed for our animals, and increased feed costs, with no budget increase.
22. Compensation is not available for our classified staff for hours required for workload over and above the normal work hours.
23. Continued growth in the RVT program would require us to hire a full time Classified RVT.
24. Our RVT Program is impacted, and students can't get through the advanced classes, causing a bottleneck of students who have completed all of their first year courses but can't get in to advanced classes.
25. College Master Planning and other decision making regularly does not adequately involve all entities that may be impacted.
26. TOP Codes are used to create many reports, and the way some of our TOP codes are assigned doesn't allow us to easily assess our program data.
27. Some of our laboratory facilities are in disrepair and have safety issues, but the college does not have personnel qualified to make the necessary repairs, and won't approve the use of contractors to make the repairs.
28. Building F7 was converted to the Makerspace, so we lost classroom and laboratory space for our equipment technology classes.
29. The lower part of the Equine unit was "Temporarily" converted to overflow parking with the promise that the laboratory facilities that had been located there would be rebuilt after the first two weeks of the semester. No plan to rebuild these structures was made before they were disassembled, and reassembly has proven to be a problem. These structures have still not been rebuilt, which is limiting our ability to offer a variety of laboratory activities.

**Critical Decisions Made by Unit:** 1. We must constantly make critical decisions to assess the crops we are producing to make sure that we are providing a product that we can sell and an appropriate laboratory environment for our programs. This year we began to reduce our production at the horticulture unit in order to allow more space to be used for laboratory demonstration and activity areas. These areas were designated as part of the master plan that we created last year.

2. We made the decision to dedicate more resources to a better inventory control system for the horticulture unit. Although the system is costly, it will allow our students to learn about systems that they will be using in nurseries.

**Notable Achievements for Theme A: To Advance Academic Excellence and Student Achievement:** 1. Faculty and Staff supported student clubs and organizations to build community among students.

2. Our students were awarded thousands of dollars worth of scholarships.

3. Turf Team won 1st, 2nd and 4th place in the National Student Challenge, securing \$5,000 for program development

4. Horticulture club competed in the design competition at the South Coast Plaza Spring Garden Show and won first place in the student competition and 5th place when ranked with the professionals.

5. Professor Chaz Perea was awarded the Dr. Deborah Borocho Developmental Educator of the Year Award for his work in developing online curriculum that greatly enhances student success.

**Notable Achievements for Theme B: To Support Student Access and Success:** 1. Purchased Lab equipment - Bobcat Auger attachments, Clegg impact tester, Field Scout pH meter, wire and valve locator,

2. Submitted the AS-T in Animal Science to Curriculum for approval.

3. Continued offering program orientations at the beginning of every horticulture class and RVT orientations several times a semester.

4. Successfully paired with the Counseling Department to better inform counselors of our program offerings.

5. Advisement of students and assistance with Ed. Plans to make sure students are on the right track.

6. Offered Orientations for Work Experience Students each semester.

7. Purchased copies of textbooks for horticulture classes, to be placed on reserve in the library and increase student access to these textbooks.

8. Implemented an application process for the RVT program to insure that students entering the upper level courses have completed the required general education classes, which will help insure student success and relieve some of the registration bottleneck in the upper level courses.

**Notable Achievements for Theme C: Secure Human, Technological, & Financial Resources:** 1. Professional Development: Faculty attended conferences and seminars to improve curriculum, network with industry and other educators, and learn new techniques. - CATA Summer Conference - Jennifer Hinostrero and Jamie Phillips - Allows us to keep up with state requirements and efforts, such as Curriculum (C-ID) and Transfer degrees. This conference also allows faculty to network with other Ag Educators at both the secondary and post-secondary levels. - STMA Conference - Brian Scott and Chaz Perea - allows faculty to keep updated on the latest technology and methodology in the Turf Management Industry, and support our competitive student teams. - Pacific Veterinary Conference - Dawn Waters, Maya Padilla, Gary Uyeno - Allows faculty to keep up with state requirements. Allows faculty to achieve continuing education hours to maintain RVT and DVM licenses.

2. Student organizations (Turf Team, IHSA, and Livestock Show Team) received approximately \$16,000 from Associated Students for student conference travel and competitions.

3. Received funding through the Perkins Grant in the amount of \$36,595.

**Notable Achievements for Theme D: To Foster an Atmosphere of Cooperation and Collaboration:** 1. The Ag Department is represented on the Library's Advisory committee.

2. Worked with the library to develop their collection of Agriculture related resources.

3. Participated in the Sustainability summit meeting

4. Jennifer Hinostrroza worked as a C-ID reviewer at the state level, to help support the success of C-ID in our discipline.

5. Maintained communication and articulation agreements with Agriculture programs from local high schools and with other colleges, such as Cal Poly.

6. Our history of providing tours for Orange County High School Ag Programs has resulted in an excellent relationship with the Orange County Farm Bureau.

7. Worked with Counseling to ensure that counselors are familiar with our programs and facilities, and can properly counsel students about them.

8. Landscape Design classes provided designs for over 10 residences in the community.

9. Brian Scott worked with Habitat for Humanity to train the landscape crew leaders for their "Women Build" project in Pasadena (8 homes for women in need).

**Contributors to the Report:** Brian Scott, Department Chair

Jennifer Hinostrroza, Faculty

Maya Padilla, Faculty

Dawn Waters, Faculty

Jamie Phillips, Faculty

Bruce Carleton, Farm Supervisor

Audra Lopez, Faculty

Gary Uyeno, Faculty

Chaz Perea, Faculty

Naomi Barnes, Faculty

### *Unit Goals*

### *Resources Needed*

### *Where We Make an Impact: Closing the Loop on Goals and Plans*

**Student Success and Achievement -** Support student success, achievement, and extracurricular opportunities for students, such as show teams, competitive teams, and

**In Progress -** Research Support to help to form a survey and database that would help us track student success every semester.

**Describe Plans & Activities**

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
<p>clubs.  <b>Status:</b> Active  <b>Goal Year(s):</b> 2016-17, 2017-18, 2018-19, 2019-20, 2020-21  <b>Date Goal Entered (Optional):</b> 09/01/2016</p>	<p><b>Supported:</b> Assistance from our research team to set up a survey that can be accessed by students through their portal and that can be read by Agricultural Sciences faculty  <b>Lead:</b> Brian Scott  <b>One-Time Funding Requested (if applicable):</b> 1000  <b>Type of Request:</b> Research Support  <b>Planning Unit Priority:</b> High  <b>What would success look like and how would you measure it?:</b> The survey is set up, accessible by students in Agricultural Sciences courses and the results are available to Agricultural Sciences faculty  <b>In Progress - Support Competitive Teams</b>  <b>Describe Plans &amp; Activities</b>  <b>Supported:</b> Funding for Travel for faculty and staff coaches of these teams. Faculty and staff coaches need to attend to support the students competing on the livestock show teams and Turf Team. There is currently no funding for staff, and limited funding for faculty. - \$4,500  <b>Lead:</b> Brian Scott  <b>One-Time Funding Requested (if applicable):</b> 10000  <b>Type of Request:</b> Professional Development  <b>Planning Unit Priority:</b> Medium  <b>What would success look like and how would you measure it?:</b> Faculty and Staff will be able to take students to these competitions.</p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 100  3 teams of students attended the STMA competition this year, and came in first, second, and fourth places. The horse show team participated in several events, and one student went the semi-finals in North Carolina. Livestock show teams participated in several events. Funding will be needed for this every year, because we will be taking students to participate in these events every year. Completion this year does not mean we will not need funding again next year, or that the task will not be needed again next year. (05/02/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 75  3 teams of students attended the STMA competition this year, and came in first, second, and fourth places. The horse show team participated in several events, and one student went all the way to Nationals for the first time. Livestock show teams participated in several events. Funding will be needed for this every year, because we will be taking students to participate in these events every year. Completion this year does not mean we will not need funding again next year, or that the task will not be needed again next year. (06/24/2017)</p>

Unit Goals	Resources Needed	Where We Make an Impact: Closing the Loop on Goals and Plans
	<p><b>In Progress</b> - Support Student Clubs and organizations.</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Faculty to participate as advisors.</p> <p>Facilities to hold meetings and events.</p> <p><b>Lead:</b> Brian Scott</p> <p><b>Type of Request:</b> Facilities, Human Resources</p> <p><b>What would success look like and how would you measure it?:</b></p> <p>Students will have the opportunity to participate in extracurricular activities</p>	<p><b>Reporting Year:</b> 2017-18</p> <p><b>% Completed:</b> 100</p> <p>Jennifer Hinostroza was the advisor for the Horticulture Club again this year. The club competed in the South Coast Plaza "At Home in the Garden" show, winning first place in the student competition and 5th place when ranked with the professionals. The club also hosted events which allowed students to socialize and network with other students.</p> <p>Representing the club, students attended campus events such as Join a Club. They also participated in Farm Day by hosting an activity booth.</p> <p>Although the goal was met, there will be student clubs every year, so the goal will repeat every year, and we will continue to need facilities to hold meetings and faculty support. (05/02/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17</p> <p><b>% Completed:</b> 100</p> <p>Jennifer Hinostroza was the advisor for the horticulture club this year. The students completed several service projects off campus, invited guest speakers to meetings, and participated in many campus events, such as the campus carnival in Fall and Farm Day. They were also awarded with a President's Sustainability Award for student leadership.</p> <p>Although the goal was met, there will be student clubs every year, so the goal will repeat every year, and we will continue to need facilities to hold meetings and faculty support. (06/24/2017)</p>
	<p><b>In Progress</b> - Facilitate work experience (internships and externships) and job placement</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Release time to develop industry partnerships</p> <p><b>Lead:</b> Chaz Perea, Dawn Waters</p> <p><b>Planning Unit Priority:</b> High</p> <p><b>What would success look like and how would you measure it?:</b></p> <p>Horticultural Sciences: 4 sections (combined on and off campus) will be</p>	<p><b>Reporting Year:</b> 2017-18</p> <p><b>% Completed:</b> 100</p> <p>We provided 262 students with opportunities to gain valuable work experience this year - both on campus and with off campus employers. This does not include students who completed work experience in summer, as reporting was done before summer classes began. (05/03/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17</p> <p><b>% Completed:</b> 25</p> <p>Exploring relationships with Water Wise and Chino Basin Water Conservation district for work experience in</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p>available during the Fall and Spring semesters. 1 section available in both Winter and Summer.</p>	<p>performing irrigation audits and other water saving measures. Further develop relationships with Memorial Coliseum turf manager, Stub Hub center turf manager, Dodger Stadium turf manager, Rancho Santa Ana Botanical Garden, and Waypoint Analytical (where we have a history of student employment). (06/29/2017)</p> <hr/> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 100  We provided 339 students with opportunities to gain valuable work experience this year - both on campus and with off campus employers. (06/27/2017)</p>
	<p><b>In Progress -</b> Recognition and Scholarships  <b>Describe Plans &amp; Activities</b>  <b>Supported:</b> Ag Department Banquet - \$5,000  Scholarship Donors  <b>Lead:</b> Chaz Perea  <b>Type of Request:</b> Facilities  <b>What would success look like and how would you measure it?:</b> Provide scholarships for students.  Hold the Ag Banquet to recognize students publicly.</p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 25  We have continued to develop new scholarships this year, thus enhancing students' abilities to gain access to education. L.A. Garden Club increased their scholarship from one \$500 award to two \$750 awards. Tom and Mary Lou Visosky are awarding two, \$250 scholarships. We have made a request to the Orange County Farm Bureau for an additional endowment in the amount of \$200,000. At the time of this report we are getting ready to meet with them to discuss the details of how this will help the RVT students with state and national board exam fees.</p> <p>Our department scholarship awards were integrated into the college wide scholarship system which we hope will streamline the process and make more students aware of scholarships that are available to them.</p>
		<p>Scholarship acquisitions will continue to be in progress every year, so we are unsure how to answer the % completed question. (05/23/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 25  Create awareness and exposure for potential recognition/support/scholarship supporters of Mt SAC Hort Program. Need to continue to develop relationships with industry sources. Examples: (1)Build more field trips and</p>



Unit Goals	Resources Needed	Where We Make an Impact: Closing the Loop on Goals and Plans
	<p><b>In Progress</b> - Completion - Insure that students are able to successfully complete courses and programs.</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Textbooks to put on reserve in the library and TERC. - \$300.00</p> <p><b>Lead:</b> Brian Scott</p> <p><b>Type of Request:</b> Instructional Supplies</p> <p><b>Planning Unit Priority:</b> Medium</p> <p><b>What would success look like and how would you measure it?:</b> Improved completion of courses. Improved student access to textbooks. The library tracks student use of textbooks, and use records are readily available.</p>	<p>labs around OC Farm Bureau 's president Mark Lopez's farming operations, (2)further develop relationship with Water Wise president (Ajay) for perennial scholarships/WE, (3) expand relationship with Chino Basin Water Conservation District for internships/Plant ID testing/scholarships, (4)explore relationship with irrigation vendors(Hunter, Rainbird, Netafim), explore relationship with Target Specialty Products(inviting Bill Harrison Target Rep also OC FB Board Member to participate in program via speaking and lab activities to promote the program). (06/29/2017)</p> <hr/> <p><b>Reporting Year:</b> 2016-17 <b>% Completed:</b> 100 We recognized 32 students with awards, distributed 6 distinguished service awards, and awarded approximately \$5,000 in scholarships at this year's Ag Banquet. (06/27/2017)</p> <p><b>Reporting Year:</b> 2017-18 <b>% Completed:</b> 25 We received \$1265 to purchase textbooks this year through the Perkins Grant. These textbooks have been placed on reserve in the library and the TERC. We did not get enough funding to purchase all of the textbooks needed, but we will keep trying to purchase the rest. We feel that this will improve the success of students are economically disadvantaged and cannot afford to purchase or rent the textbooks.</p> <p>We have merged the content of AGOR 4 and AGOR 5 into one class, AGOR 5. We modified Park and Sports Turf Management A.S. degree to reduce the required units to 34 core course units. We modified the I.P.M. degree to include more choices of electives of core courses and removed some of the biology course electives. The Park Management certificate was modified to take into account the merging of AGOR 4 and 5. The Equipment Technology Degree and Certificate were deactivated due to industry changes not requiring these for employment any longer.</p> <p>Planned Pathways were completed for all degrees and</p>

Unit Goals	Resources Needed	Where We Make an Impact: Closing the Loop on Goals and Plans
	<p><b>In Progress</b> - Facilitate Transfer</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Assistance from Articulation officers to maintain articulation agreements and help facilitate conversations between colleges.</p> <p>C-ID approval of Animal Science courses for AS-T in Animal Science</p> <p>Maintain Transfer degrees.</p> <p><b>Lead:</b> Audra Lopez, Jennifer Hinostroza</p> <p><b>Type of Request:</b> Human Resources</p>	<p>certificates.</p> <p>The RVT Program is on the verge of completing an application process for admission into that program. The program has also received funds from the Strong Workforce Initiative, allowing us to hire one more full-time faculty member, which has increased our course offerings to allow students to complete the program in a more timely manner. (04/26/2018)</p> <p><b>Reporting Year:</b> 2016-17</p> <p><b>% Completed:</b> 50</p> <p>We articulated several courses with High Schools this year, including Horticultural Science, Animal Science, and Landscape Design. (05/23/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17</p> <p><b>% Completed:</b> 50</p> <p>This year we got approval for the AS-T in Plant Science, which is now available for students. The AS-T for Animal Science was submitted to the curriculum committee for review, and we hope to have approval for that next year. We articulated several courses with High Schools this year, including Horticultural Science, Animal Science, and Landscape Design.</p> <p>We also met with the Landscape Architecture department at Cal Poly Pomona and Articulation Officers from both colleges to determine which of our courses could be articulated with their new changes to their program as they change from quarters to semesters.</p> <p>We also submitted several courses to C-ID for review in order to facilitate seamless transfer of units. (06/27/2017)</p> <hr/> <p><b>Reporting Year:</b> 2016-17</p> <p><b>% Completed:</b> 25</p> <p>We promoted industry certification in our courses, but we would like to make more resources available to help students prepare. We had three students that successfully tested and obtained their Qualified Applicator's License from the Department of Pesticide regulation. Two of the three students received a direct increase in pay following the acquisition of the license.</p>
	<p><b>In Progress</b> - Promote Industry Certification</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Availability of certification study guides in the Library</p> <p><b>Lead:</b> Chaz Perea, Maya Padilla</p> <p><b>One-Time Funding Requested (if applicable):</b> 2000</p> <p><b>Type of Request:</b> Library</p>	

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p><b>What would success look like and how would you measure it?:</b> students will receive industry certification.</p> <p><b>In Progress -</b> Promote Industry Awareness</p> <p><b>Describe Plans &amp; Activities Supported:</b> Horticulture Career Night - We do not need funding for this event, but we need to have access to facilities to hold the event, such as an auditorium.</p> <p><b>Lead:</b> Brian Scott</p> <p><b>Type of Request:</b> Facilities</p>	<p>Two students obtained their Arborist Certification from the International Society of Arboriculture. 29 students passed the RVT State licensing exam this year. (06/27/2017)</p> <p><b>Reporting Year:</b> 2017-18 <b>% Completed:</b> 100</p> <p>We hosted Horticulture Career Night on May 15 which provided over 200 students with the opportunity to talk one on one with professionals from many different parts of the industry, as well as professional organizations in our industry. They also had the opportunity to hear several guest speakers give presentations about their parts of the industry. Our Advisory Committee served an important role in planning this event. We will continue to host this event annually, so we will continue to need resources. We also had industry guest speakers in many of our classes, and took students on fieldtrips to many different locations. (05/02/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17 <b>% Completed:</b> 100</p> <p>This year we hosted a successful Horticulture Career Night which provided students with the opportunity to talk one on one with professionals from many different parts of the industry, as well as professional organizations in our industry. They also had the opportunity to hear several guest speakers give presentations about their parts of the industry. Our Advisory Committee served an important role in planning this event. We also had industry guest speakers in many of our classes, and took students on fieldtrips to many different locations. (06/27/2017)</p>
<p><b>Lab and Classroom Facilities -</b> Maintenance , updating, and renovation of our Animal and Horticultural lab facilities is key to being able to operate our farm and provide educational experiences for our students. We need to maintain</p>	<p><b>In Progress -</b> Maintain relevant classroom facilities</p> <p><b>Describe Plans &amp; Activities Supported:</b> Additional, larger sinks in the Anatomy Lab classroom and animal prep room. - medium priority - The sinks are not large</p>	<p><b>Reporting Year:</b> 2017-18 <b>% Completed:</b> 25</p> <p>Classroom computers were all replaced this year. (04/26/2018)</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
<p>the older facilities as well as the new facilities. New facilities have been built, but many have not been finished, or built properly, and maintenance of these facilities has revealed new problems.</p> <p><b>Status:</b> Active</p> <p><b>Goal Year(s):</b> 2016-17, 2017-18, 2018-19, 2019-20, 2020-21</p> <p><b>Date Goal Entered (Optional):</b> 09/01/2016</p>	<p>enough to clean the dissection kits that are used in classes. \$4,000</p> <p>Permanent solution for fume hood problem in Bldg 80 - medium priority</p> <p>-No vacuum pump was supplied when the building was constructed, so fume hoods cannot be operated together. \$20,000</p> <p>DVD players in Bldg 80 do not work - low priority - The DVD players that were installed in classrooms have never worked, and a solution is needed. We used to be able to play DVDs in the computers, but the new classroom computers do not have hardware to play them. \$4,000</p> <p><b>Lead:</b> Brian Scott</p> <p><b>One-Time Funding Requested (if applicable):</b> 28000</p> <p><b>Type of Request:</b> Facilities , Instructional Equipment, Non-Instructional Equipment</p> <p><b>Planning Unit Priority:</b> High</p> <p><b>Related Documents:</b></p> <p><a href="#">Copy of 1718 PIE bs 5_23_18.xlsx</a></p> <p><b>In Progress -</b> Animal Hospital - Maintain a functioning Animal Hospital as a laboratory facility for RVT courses.</p> <p><b>Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Large Sink - medium priority - There are no sinks in the hospital, and one is needed for lab machines. \$2,000</p> <p>Surface Pro Windows Computers (2 tablets and kits/keyboards) - high priority - Will be used in class to show surgical procedures, diagrams, and viewing digital radiographs. Students will be able to carry the</p>	<p><b>Reporting Year:</b> 2017-18</p> <p><b>% Completed:</b> 25</p> <p>We have received the following equipment for the Animal Hospital: Cold Laser Therapy Machine, Pentel GI Endoscope, Dentalaire Ultimate Mobile Dental Station, and Microbiology Incubator. All of the equipment received will be utilized in the Medical Nursing and Surgical Nursing classes. Over 96 students will have the opportunity to use and maintain this equipment each semester. This equipment is found in nearly all working animal hospitals and it is imperative that our students know how to operate them properly. (05/21/2018)</p>

*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

computer with them to aid in learning. - \$7,000  
Baxter floguard IVAC fluid pumps - High priority - Used to administer IV fluids to patients in class during surgery and medical classes. - \$900  
Heska IV fluid pump - high priority - Used to administer IV fluids to patients in class during surgery and medical classes. - \$1,200  
Annual maintenance and calibration of RVT equipment - high priority - Annual maintenance is needed for anesthesia machines, lab chemistry machines, surgical laser, endoscope, microscopes, x-ray machine, sterilization machines. \$5,000  
Commercial washers and dryers (2 of each) - High priority - Washers and dryers are needed for laundering towels and blankets used in the RVT program. \$10,000  
Digital X-Ray Machine - high priority  
~The State of California will soon be outlawing film chemicals, which will make our existing film X-ray machine obsolete - \$75,000  
Ventilator Machine for Anesthesia - High priority - Needed for anesthesia in surgical and medical classes.- \$5020  
UC Davis Canine Head Manikins (5) - high priority - Use for RVT and animal science venipuncture - \$3,700  
UC Davis Foreleg Manikins (14) - high priority - Used for RVT and animal science labs for venipunctures. - \$8,000  
Microscopes (10) - Medium priority -

## Unit Goals

## Resources Needed

## Where We Make an Impact: Closing the Loop on Goals and Plans

Used in clinical pathology, medical, surgical, breeding, and equine classes. Currently we do not have enough microscopes for each student to use one. - \$16,000  
Radiology CR System - medium priority - Provide additional lab activities and exercises for livestock and equine classes. - \$10,000

**Lead:** Dawn Waters

**Type of Request:** Facilities

**Planning Unit Priority:** High

**Related Documents:**

[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)

**In Progress -** Maintain the General Farm Area

**Describe Plans & Activities**

**Supported:** Drainage plan and implementation - medium priority - There are many drainage and erosion problems on the farm which are a focus of a Farm Master Plan that is pending formal approval. These issues impact our ability to use some of our facilities, particularly in wet winters.

\$1,200,000

Full-time Livestock Production Assistant – high priority – Currently the Livestock Technician manages the Beef, Sheep and Swine units with only part-time student assistants to perform most chores and monitor animal breeding program. This can be overwhelming during lambing season and when coordinating labs etc. \$72,000

Farm Road maintenance/replacement - medium priority - Road base needs to be

**Reporting Year:** 2017-18

**% Completed:** 25

Some key pieces of equipment were secured during the reporting period including a backhoe/loader combo tractor, a mini-excavator and one of the Bobcat attachments listed (the vertical auger). This machinery has greatly enhanced the experiences we can provide to students in the Equipment Technology class as they were able to install several hundred feet of drain line on the farm to reduce the amount of nuisance water that collects near the barn during rain events. This equipment is also instrumental in making work more productive on a daily basis versus old equipment. A trailer mounted water transport tank has been acquired to allow us to efficiently bring water to livestock in remote pastures and perform dust control. Portable swamp coolers have been acquired to make summer season outdoor labs more comfortable in shops as well as the pavilion to allow students to place maximum focus on the material not the weather. (05/17/2018)

*Unit Goals*

*Resources Needed*

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added to correct low spots in Farm Road as well as repaving in several locations. The roads are in need of repair and to allow for better drainage. This work will likely need to be phased in hopes we can secure annual funding in the amount of \$8,000 per year with a 10-year completion horizon.

Expanded Hay Storage Barn - high priority - Due to the loss of seasonal pastures south of Temple the farm is purchasing more forage than historically was necessary. Thus the current hay barn is too small to hold the different types of hay we need to store for different livestock. This additional barn would allow us to stock up on more hay mid-summer when prices are at their lowest, leading to an economy of scale savings for the farm over time. - \$65,000

Additional resources for agricultural water - high priority - Increases in water cost and availability, as well as loss of some of our best pasture lands, has led to increased need for water resources. We would like to install a well to capture and make use of water that is below the ground on campus. \$30,000

Poly Farm Fence (1000 feet) - low priority - to provide attractive fence and limit unauthorized access to livestock and equine areas along farm road. This will also help provide a second boundary for animal control. \$16,000

Additional live-on trailer spaces - low

<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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priority - 6 spaces where F5B used to exist, which will allow for better coverage of livestock care, equine care, and horticulture work. - \$10,000

Rehabilitate Animal Quarantine Area -high priority - needs repairs and maintenance to make it safe to house animals there. We currently have no good place to house sick or newly introduced animals that must be quarantined. We need to reconfigure and rehab these pens to create a true bio-secure quarantine facility for USDA requirements - \$50,000

Location and materials for bulk material bunkers for soil, sand, DG, and Gravel - medium priority - We currently have no place to house these materials, resulting in large piles of materials that are placed haphazardly and lack of availability of materials as they are needed. \$25,000

Agriculture Crawler Tractor with blade - medium priority - Currently brush management is impossible in certain areas to meet fire department regulations due to terrain. A crawler tractor will access these areas. Also, a crawler will assist with road maintenance and farm work. Due to the demand of diversity needs in equipment technology classes, a crawler tractor will fill the void of equipment operation and maintenance training and lab activities. \$55,000

Bobcat attachments - Hydraulic forks



<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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~low priority - Provide versatility for farm activities, equipment technology classes, and horticulture lab activities. Allow the demonstration of alternative ways to complete a task. - \$7,500  
 Dump Truck - high priority - The 1991 truck we have won't pass smog and dump mechanism leaks too much to use any longer. A current pickup can be converted to a stakebed dump body for \$6,200.  
 Fueling Tender Truck - high priority - The current fuel tender won't pass smog and has significant engine issues so will not last much longer. Since we have no fuel storage for equipment on the farm we must have a truck to distribute fuel for the equipment. \$ 31,000  
 Gas Powered Compressor - low priority - Provide compressed air to remote farm activities, construction, and equipment lab activities and general farm tasks. - \$2,000  
 Lowbed Equipment Trailer - low priority - To transport equipment and implements around the farm for agriculture activities - \$6,000  
 Pallet Jacks (4) - medium priority - to replace broken pallet jacks to safely move pallets of material for labs and farm activities. \$3,000  
 10 Ton Porta Power - low priority - For use in equipment repair, construction labs, equipment labs, and general farm work. - \$800  
 Irrigation infrastructure for pastures  
 ~medium priority - Current pastures are limited due to changes in land

*Unit Goals*

*Resources Needed*

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use and available feed for livestock is very limited. This will allow additional feed crops and longer grazing times in selected pastures. Manure handling would be reduced and livestock health would be better. - \$80,000  
John Deere Gator - high priority - for use to transport feed, equipment, and for use in equipment classes. - \$30,000

**Lead:** Brian Scott, Bruce Carleton  
**One-Time Funding Requested (if applicable):** 140000  
**On-Going Funding Requested (if applicable):** 80000  
**Type of Request:** Facilities , Staffing, Instructional Equipment, Non-Instructional Equipment, Non-Instructional Supplies  
**Planning Unit Priority:** Medium  
**What would success look like and how would you measure it?:**  
Improving the aesthetics of the farm and improving the experience for students, employees and visitors. Student evaluations of labs at the farm should reflect a positive perception of the facilities.  
**Documentation Attached?:** Yes  
**Related Documents:**

[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)

**In Progress - Horticulture Unit -** Maintain a functioning nursery and horticulture unit to provide laboratory opportunities for our students.

**Describe Plans & Activities**

**Supported:** Repair and Update

**Reporting Year:** 2018-19

**% Completed:** 25

An enclosed cargo box and lift gate have been installed on a GMC truck chassis so that plants and other fragile material can be hauled at freeway speed without damage. It is also much safer to load heavier items with the powered lift gate it now features. This represents less than 10% of the entire

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p>Greenhouses (High Priority) Cooling systems, roofs, Heating systems, glazing, siding need to be repaired and/or updated in several of the greenhouses. Add shade to houses as needed. \$60,000</p> <p>Add gravel to propagation and production areas as necessary - medium priority - Hanging basket area, propagation house aisles, etc. Gravel is thin and weeds and mud are starting to be a problem in these areas. \$8,000</p> <p>Renovate Greenhouse 2 to function as a propagation house – high priority - The market conditions and the limitations inherent in what we can grow within the space of the horticulture unit leads to the need to focus on specialty crops and ones that traditional growers are not fulfilling. One such opportunity is production of grafted shade trees, which are in high demand in SoCal but are generally in short supply. In order to equip the unit to establish dominance in this niche market we need to retro-fit an existing green house with new climate control and production benches specifically engineered for plant propagation. The current propagation space is deteriorated and is in desperate need of replacement, the amount of propagation that can be completed at one time is also seriously limited due to the small facility. Our student assistants and lab participants would gain a much richer experience if a larger, more modern propagation</p>	<p>goal for the horticulture unit (05/17/2018)</p>

<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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facility can be provided. - \$38,000  
 Replace antiquated irrigation control hardware – high priority – In order to provide a cutting edge educational experience a cloud-based water management system is essential. This will allow employees and student assistants to monitor irrigation schedules from smart phones, which is now commonly used technology in the nursery and overall landscape industry. This will allow our students to gain extremely valuable insight into crop production and gain meaningful experience in water management. - \$65,000  
 Digital Nursery Inventory software and hardware – high priority - Another widely utilized technology by commercial growers is to perform digital inventory updates that are published via the internet so clients can be pro-actively notified of what is available currently, as well as upcoming crops that will be ready in the near future. The ability to expose students to the use of such technology will prepare them to function at a higher level and be more desirable to employers if they have experience preparing and maintaining such an inventory. This process also then integrates into production scheduling which is also a core task of a commercial grower. The cost of software and technology to support the project is \$12,000  
 Retire a fleet of aging and inconsistent fertilizer injectors – high priority - plant nutrition is clearly a

<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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critical element in plant production. The current fertilizer injection devices we use are well over a decade in age and many malfunction on a regular basis. The goal is to retire all the old technology with different injectors that have fewer moving parts so will function more reliably over time. This conversion would also eliminate the large (and expensive) holding tanks we currently have to fill as we only need to add concentrated fertilizer to the injector reducing storage and material handling as well as providing more consistent crop growth. \$18,000

Hire a part-time Technical Expert to perform ongoing maintenance and rehabilitation or improvement projects related to aging greenhouses and related structures. \$ 45,000

Fund a part-time Technical Expert to coordinate work schedules and coaching of student assistants and work experience students to assure they get the full breadth of experiences that will make the horticulture unit an even more desirable place to work or volunteer. \$38,000

Boundary fence between horticulture unit and Building 30 area. - medium priority - Due to open access, students enter from Bldg 30 causing damage to the horticulture areas. Also, the safety risk of unauthorized entry is great to these students from the bldg 30

<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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area. \$10,000  
 Retail nursery site at the corner of Temple and Grand - high priority - The property needs to be improved with utilities and structures to allow us to set up a retail nursery area in this prime location on campus. \$80,000  
 Soil Mixer - High Priority - Our current mixer is no longer functioning and is no longer repairable. \$26,000  
 Conservatory - The support beams that support the walls and roof of the Conservatory are almost completely rotted through, and the roof is in danger of collapsing. This is a major safety concern. - high priority. \$14,000  
 Miscellaneous hand tools - medium priority - Currently the hand tools for labs and projects are worn beyond repair. Replacement is needed to accommodate construction, irrigation, and nursery operations classes and work experience training. These are also used in equipment technology courses. - \$3,500  
 StepSaver Nursery Software for greenhouse - medium priority - This software will allow us to better control the greenhouse operation and show real greenhouse data in our classrooms for analysis and planning. - \$1600.00  
 Infaco Battery operated pole pruner -high priority - For use in arboriculture classes and at the horticulture unit for pruning large

*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

palms. - \$3,200  
Sprayer equipment for IPM/Pest Control - medium priority - Currently the portable sprayers, etc are worn beyond repair. Replacement is needed to accommodate IPM classes, nursery operations, and work experience training. - \$4700  
Hypro Gas Driven Diaphragm pump - high priority - To provide a back-up pump for the spray rigs, due to high demand of spray equipment and IPM classes. - \$1,800  
Concrete Curb Machine - low priority -To be used in landscape construction and turf classes to teach the use and operation of a concrete curb machine. - \$15,000  
Ground Fault Locator - high priority - For use in lab activities in landscape construction, turf, and irrigation classes. - \$1,500  
Water Audit Kits (4) - high priority - for use in irrigation design and construction classes to perform water audits. - \$2,400  
Bosch laser level kits (2) for use in construction labs \$1300  
Makita Breaker Hammer - for use in construction labs \$1700  
Nailers - for use in construction classes \$1200  
Nikon Forestry Pro Laser Rangefinder - medium priority. for use in arboriculture labs. We do not currently have one any equipment that will do this. - \$500  
Sound Level meter \$100  
Par Aide Cup cutter - \$225  
Pesticide rinse water recovery and

<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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recycling facility - high priority - In an effort to support the overall goal of reducing environmental impacts of farm operations the construction of a tank rinse water capture/filter/storage cistern would not only reduce potential impact of farm operations but make pesticide applications less time consuming and enhance the educational opportunities since this would represent a cutting edge technology in the nursery industry - \$25,000  
Employee area with showers and lockers

**Lead:** Brian Scott, Bruce Carleton  
**One-Time Funding Requested (if applicable):** 135000  
**On-Going Funding Requested (if applicable):** 88000  
**Type of Request:** Facilities , Instructional Equipment, Instructional Supplies, Non-Instructional Equipment, Non-Instructional Supplies  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:**  
 Improved student experience, credibly mimicking a commercial nursery operation so that students and landscape professionals will have confidence that we have a cutting edge facility to support and learn in. Student and customer feedback will reflect a favorable impression of the site.  
**Documentation Attached?:** Yes  
**Related Documents:**



*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)

**In Progress** - Equine Unit

**Describe Plans & Activities**

**Supported:** Full time Equine Specialist - To facilitate daily operations of our equine science laboratory and aide faculty in completing lab objectives. - \$90,000  
Arena Groomer - For use in Equine riding lab preparation and Equipment Tech classes. - \$4,000  
Fly Guard system is needed. - high priority - We need this system for vector control and health of the animals and students. It will bring us up to the standards required for LA County Health Department and USDA. - \$2000  
Provide power for irrigation controllers (north pastures) - high priority - Due to drought several acres of pasture were sacrificed to save water. This means no fresh forage is available and we must purchase hay rather than allowing animals to graze the pastures. To do this successfully we need to install modern irrigation controllers and the needed power source they require - \$10,000  
Bleachers - medium priority - The small bleachers we have are not adequate for the crowds that gather for events, and bleachers would enable us to accommodate more spectators for show team events and other special events. - \$16,000  
Four pastures need shade structures -high priority - Livestock must have shade per USDA regulations. Also,

**Reporting Year:** 2017-18

**% Completed:** 25

A John Deere Gator utility vehicle has been secured which is for exclusive use of the Equine unit staff and Student Assistants to make feeding and cleaning stalls etc. more efficient. No other resources were added during the rating period so this goal is less than 10% complete (05/17/2018)

*Unit Goals*

*Resources Needed*

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during labs no shade is available for student safety during hot months. \$36,000  
Announcer Tower - low priority - The announcer tower is needed for equine events held on campus, and would allow us to bring in more income for equine events. \$10,000  
Lighting - medium priority - There is currently no lighting at the horse arena. The arena cannot be used for nighttime practice or events without lighting. Power would also need to be added to the area where lighting would be installed. \$25,000  
Arena footing - medium priority - Existing footing is inadequate, hard to assure horse soundness. Will be used in equine courses, applied animal health procedures, and handling and restraint. \$12,000  
Stall Mats - medium priority - the existing mats are badly worn so soil or decomposed granite must be regularly added as makeshift patches, however the footing is inconsistent for the animals - 8,500  
Rehabilitate round pen, arena, and horse stalls - high priority - General purpose corral panels are now being used but for more athletic work these panels are not ideal because the rails are too far apart near the ground. The risk is that a horse may be injured if a leg gets in between these rails. \$50,000  
Equine feeders - low priority - New feeders are needed for the mare motel and horse pastures to provide clean and safe feed holding capacity

*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

for the horses. - \$3,000  
15 Horses for equine courses - high priority - Several animals are aging to the point they are no longer able to be used for some purposes. Further, they have special dietary needs so are increasing operational costs.  
An infusion of fresh blood will benefit labs for horse behavior and training and horse ranch management classes - \$25,000  
Saddles and Tack for equine unit - low priority - To allow students to ride and show horses. A class set is needed. \$5,000  
Concrete Water Troughs - low priority - Install concrete water troughs in pastures and mare motel with permanent water supply will provide clean and dependable water supply for the horse pastures and pens, which will help meet USDA requirements and Vector Control regulations. - \$8,000  
3 Horse slant trailer - High priority - We currently borrow trailers to transport horses for shows, parades, and any activity requiring horse movement. USDA requires an emergency plan to relocate animals in an emergency, and we have no trailer on hand to move the horses correctly and safely. - \$20,000  
Hoof Care / Farrier Tools - low priority - For use in equine labs - \$6,000  
Phantom Mare Breeding Mount - low priority - Current phantom is old and worn out. The unit needs to be

<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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replaced for future breeding at the equine unit. - \$4,700

Pasture Seed Drill – high priority – In order to provide fresh forage for horses we need to re-seed several acres and the current seeder is 30 years old and no longer works reliably. - \$15,000

Pasture gates and fencing need replacement - High priority - Gates and fence do not meet USDA requirements for animal access and safety. - \$4,000

Hormone analysis machine for equine/livestock pregnancy checking / health check - low priority - Used for livestock pregnancy, and to provide additional lab activities and exercises for equine and livestock classes. We do not currently have one. - \$8,000

Loafing sheds for all outdoor pasture (6) - \$45,000 for all 6. Natural shade has been removed from many of the horse pastures due to disease and other natural conditions. Horses no longer have shade during the heat of the day. Shade is mandated by USDA and must be available to all horses.

**Lead:** Dawn Waters, Bruce Carleton

**One-Time Funding Requested (if applicable):** 115000

**On-Going Funding Requested (if applicable):** 90000

**Type of Request:** Facilities , Staffing, Instructional Equipment, Instructional Supplies, Non-Instructional Equipment, Non-Instructional Supplies

*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

**Planning Unit Priority:** Medium  
**What would success look like and how would you measure it?:** Have more animals available for use in a broader range of courses. Enrollment in Horse Ranch Management should increase as more 'hands-on' training and riding opportunities will exist. Expansion of the show team using our own animals would be a huge benefit to our program marketing efforts.

**Documentation Attached?:** Yes

**Related Documents:**

[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)

**In Progress - Swine Unit**

**Describe Plans & Activities**

**Supported:** Sow Pens need to be rehabilitated - high priority - Pens are in need of repair and do not meet USDA standards. They must be upgraded for USDA compliance. \$200,000

Fly Guard System is needed -high priority - for vector control and health of the animals and students. It will bring us up to the standards required for LA County Health Department and USDA. - \$2000

Gas heaters are needed for the market pens. - high priority - There are currently no heaters, and the market pigs must be kept warm. We are currently using heat lamps, which are dangerous. Gas lines need to be installed before the heaters can be installed. \$10,000

Hog clippers - low priority - for livestock showing and lab activities.

Multiple sets required for student use in labs. - \$800

**Reporting Year:** 2017-18

**% Completed:** 25

The only resource that was acquired during the rating period was the construction of a feed storage shed to allow bagged hog feed to be protected from the elements as it is stored until use. This represents less than 10% of the overall resource goal for the unit. (05/17/2018)

<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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Swine Electronic Scale - medium priority - To provide educational opportunity for students to learn how to handle and weigh pigs with a digital scale. - \$3,000  
 20 stall mats - high priority - required by USDA for padding in animal pens - \$600  
 Small scales for labs - low priority - For use in production / handling classes to weigh small animals (including piglets, lambs, chickens, rabbits) feed, etc during lab activities. - \$670

**Lead:** Audra Lopez, Bruce Carleto  
**One-Time Funding Requested (if applicable):** 215000  
**On-Going Funding Requested (if applicable):** 0

**Type of Request:** Facilities , Instructional Equipment, Non-Instructional Equipment

**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:**

Enhanced student experience and compliance with USDA and IACUC animal care standards

**Documentation Attached?:** Yes

**Related Documents:**  
[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)

**In Progress - Sheep Unit Describe Plans & Activities Supported:** Drains for lambing pens in the Livestock Pavilion. - high priority - There is currently inadequate drainage in this area of the Livestock Pavilion. \$18,000  
 Sheep feeders - low priority - New

**Reporting Year:** 2017-18  
**% Completed:** 0  
 None of these needed resources have been acquired during the reporting period. (05/17/2018)

<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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feeders are needed to provide clean, safe, and efficient feeding areas for the sheep. - \$3,000  
 Dry lot needs shade structure - high priority - Livestock must have shade per USDA regulations. Also, during labs no shade is available for student safety during hot months.. \$9000  
 Show Box - low priority - Used to transport and store livestock and equine show products. \$1,500  
 Aeroway pasture aerator - low priority - For use in livestock pastures for management training, production labs, and equipment technology labs. - \$11,400

**Lead:** Maya Padilla, Bruce Carleton  
**One-Time Funding Requested (if applicable):** 42000  
**On-Going Funding Requested (if applicable):** 0  
**Type of Request:** Facilities , Instructional Equipment, Non-Instructional Equipment  
**Planning Unit Priority:** Medium  
**What would success look like and how would you measure it?:**  
 Enhanced student experience and improved compliance with USDA and IACUC animal care standards  
**Documentation Attached?:** Yes  
**Related Documents:**

[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)  
**In Progress -** Beef Unit  
**Describe Plans & Activities Supported:** Cattle Feeders - low priority - new feeders are needed to provide clean, safe and efficient feeding areas for the cattle. - \$3,000

**Reporting Year:** 2017-18  
**% Completed:** 25  
 The purchase and installation of a new cattle chute and squeeze has been completed so livestock production and handling classes have the experience of using this equipment to treat and sort cattle. (05/17/2018)

*Unit Goals*

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Pasture gates and fencing need replacement - high priority - Gates and fence do not meet USDA requirements for animal access and safety. - \$4,000  
Dry Lot needs shade structure - high priority - Livestock must have shade per USDA regulations. Also, during labs no shade is available for student safety during hot months. - \$9,000  
Dry Lot Fencing and gates need upgrading or replacement. Dry lot needs to be rebuilt. - medium priority - Current fencing is not adequate for livestock containment and safe access and handling of animals, including loading and unloading. \$100,000  
Concrete water troughs - low priority  
~Install concrete water troughs in pastures with permanent water supply will provide clean and dependable water supply for the livestock pastures, which will help meet USDA requirements and Vector Control regulations. - \$8,000

**Lead:** Jamie Phillips, Bruce Carleton

**One-Time Funding Requested (if applicable):** 125000

**On-Going Funding Requested (if applicable):** 0

**Type of Request:** Facilities ,  
Instructional Equipment

**Planning Unit Priority:** Medium

**What would success look like and how would you measure it?:**

Enhanced feedback from students,  
USDA and IACUC regarding the



<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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facilities provided for the animals  
**Documentation Attached?:** Yes  
**Related Documents:**  
[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)  
**In Progress -** Equipment Technology  
**Describe Plans & Activities**  
**Supported:** We need classroom and laboratory space to house our equipment courses. Building F7 was converted to the Makerspace, and although the college promised classroom and laboratory space to replace it, this has not materialized. Cost Unknown.  
 Covered Storage for Implements - high priority - Several implements are stored out doors currently which leads to unnecessary deterioration due to rust and ultra-violet deterioration of hoses and paint, shortening the effective lifespan of the equipment. - \$18,000  
 Storage cabinets in Shop in F3 repair bay, and modify/repair lube racks and components - high priority - No storage is currently available in the shop for materials and supplies. Current lube rack system leaks and does not function properly. \$5,000  
 Tool Boxes / Tools - low priority - To replace tools for equipment repair and equipment technology labs including tool boxes to store the tools. Used for equipment technology labs and work experience. - \$6750  
 Dedicated area for practice using tractors and large equipment - with no underground infrastructure.  
**Lead:** Bruce Carleton

**Reporting Year:** 2017-18  
**% Completed:** 0  
 None of these resources have been acquired during the rating period. (05/17/2018)

*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

**One-Time Funding Requested (if applicable):** 30000

**On-Going Funding Requested (if applicable):** 0

**Type of Request:** Facilities ,  
Instructional Equipment, Instructional Supplies

**Planning Unit Priority:** Medium

**What would success look like and how would you measure it?:** A better organized and equipped space to teach equipment technology classes to enhance the student experience

**Documentation Attached?:** Yes

**Related Documents:**

[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)

**In Progress -** Ag Literacy Trail - The Ag Literacy trail will be a way to increase Agriculture literacy within the community, promote and bring awareness to our programs, and provide laboratory opportunities for our students.

**Describe Plans & Activities**

**Supported:** This includes improvement of multiple sites throughout the farm. Refer to Ag Literacy trail plan for details.  
Support Posts for Signs  
Materials and labor to complete the container demonstration area  
Website for online data

**Lead:** Brian Scott

**One-Time Funding Requested (if applicable):** 50000

**Type of Request:** Equipment - new, Facilities, Marketing, Supplies (less than \$200 per item), Technology Software Systems - new

**Related Documents:**

**Reporting Year:** 2017-18

**% Completed:** 75

Most of the frames for the signs have been constructed and painted. The next step will be finishing and installing them through out the farm to improve the educational component of the Ag Literacy Trail for the several thousand community members and students who tour the farm every year. (05/23/2018)

*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

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**In Progress** - Demonstration Areas

**Describe Plans & Activities**

**Supported:** Fern Grotto needs to be refurbished - High priority - The beams supporting the shade structure are rotting out and collapsing. The pond is leaking and is currently unusable. Plant specimens in hanging baskets are falling down, and materials and labor are needed to refurbish this area. The specimens in this area are crucial plants for our identification classes, and the ecosystem must be maintained to keep these plants healthy. The structure is not currently safe to allow students inside. \$6,000

Finish container garden demonstration area. \$

Equipment operation area

Koi Pond area irrigation needs to be refurbished and missing plants need to be replaced / diversity restored.

Bromeliad tree in Conservatory needs to be replaced/refurbished.

The existing log is rotting out and bromeliad diversity needs to be restored.

Conservatory has support beams that are rotting out, and need to be replaced. These beams support the roof, which is in danger of collapsing. This is a safety hazard. The

Conservatory houses plant specimens that are crucial for our plant identification classes, and we do not have a similar space to house this collection of specimen plants.

<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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Test site for CLCA and lab classes  
 Ground cover identification plots - permanent separated plots for ID of groundcovers  
 Tree demonstration lab area  
**Lead:** Brian Scott  
**Type of Request:** Facilities , Instructional Equipment, Instructional Supplies  
**Planning Unit Priority:** Medium  
**What would success look like and how would you measure it?:** Fern Grotto must be safe to enter. Conservatory must be structurally sound. Diversity of plant material must be improved. Plant collections could be maintained with the proper environmental conditions.

**Related Documents:**  
[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)  
**In Progress - Dog Kennels**  
**Describe Plans & Activities**  
**Supported:** Construction of the Kennels - High Priority - The dog kennels were supposed to be part of the completion of Bldg 80, but were never completed. The new dog kennel area will be located in the building originally planned for raptor rehabilitation and then for small animal care. The college has assigned a project manager and has set aside strong workforce initiative money for the completion of this project, which is projected to be December 2018. Proximity to laboratory facilities will be a big

**Reporting Year:** 2017-18  
**% Completed:** 25  
 The new dog kennel area will be located in the building originally planned for raptor rehabilitation and then for small animal care. The college has assigned a project manager and has set aside strong workforce initiative money for the completion of this project, which is projected to be December 2018. (05/23/2018)

Unit Goals	Resources Needed	Where We Make an Impact: Closing the Loop on Goals and Plans
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benefit. \$600,000  
 Fly Guard system is needed. - We need this system for vector control and health of the animals and students. It will bring us up to the standards required for LA County Health Department and USDA. - \$2000  
**Lead:** Gary Uyeno, Bruce Carleton  
**Type of Request:** Facilities  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:**  
 Functional kennels that meet USDA and AVMA requirements must be built.  
**Related Documents:**  
[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)  
**In Progress - Small Animal Care Facility**  
**Describe Plans & Activities**  
**Supported:** The small animal care facility will now be combined with the building used for dog kennels. It is our understanding that the items listed below will be included in the budget for the completion of the dog kennels.  
 Landscaping - low priority - Landscaping was never installed around this building after construction, and is needed to prevent erosion and enhance the facility. \$6,000  
 Rat Cages - high priority - and related supplies for RVT program - \$2,200  
 HEPA filter shelf unit for rodent cages - high priority - USDA and IACUC guidelines mandate that all

**Reporting Year:** 2017-18  
**% Completed:** 100  
 Due to the relocation of the Dog Kennels to this facility, there will no longer be a small animal care facility. (05/23/2018)

<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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rodents be kept in a HEPA filter housing system to prevent the spread of disease - \$45,000  
**Lead:** Maya Padilla, Bruce Carleton  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:** Facility must be functional and meet AVMA and USDA requirements for small animal care.

**In Progress - Composting Facility Describe Plans & Activities Supported:** Dedicated Space 12" Chipper or tub grinder - medium priority - We will need a chipper in order to compost/mulch campus green waste for re-use on the farm and grounds. - \$35,000  
 Compost Turner - medium priority - We will need an articulating wheel loader to process material as it goes through the compost process in order to compost campus green waste and manure for re-use on the farm. - \$60,000  
**Lead:** Brian Scott, Bruce Carleton  
**One-Time Funding Requested (if applicable):** 95000  
**Type of Request:** Instructional Equipment  
**Planning Unit Priority:** Medium  
**What would success look like and how would you measure it?:** We must have a functioning compost facility.  
 Process campus green waste, reducing waste that leaves the property.  
**Documentation Attached?:** Yes  
**Related Documents:**

**Reporting Year:** 2017-18  
**% Completed:** 0  
 No progress has been made because no funding has been obtained at this point. However, this composting facility has been included in the College's sustainability plan. (05/02/2018)

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**Reporting Year:** 2016-17  
**% Completed:** 0  
 No progress has been made because no funding has been obtained at this point. (06/22/2017)

<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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[Copy of 1718 PIE bs 5\\_23\\_18.xlsx](#)

<p><b>Secure Funding</b> - Budget Increase - The status quo budget has not been increased in many years, and budgets for instructional materials, student labor, equipment, etc are insufficient for the current need and do not allow for growth. Seek funding from Grants such as Perkins. <b>Status:</b> Active <b>Goal Year(s):</b> 2016-17 <b>Date Goal Entered (Optional):</b> 09/01/2016</p>	<p><b>Report directly on Goal</b></p> <hr/> <p><b>In Progress</b> - Status Quo budget increase for instructional supplies <b>Lead:</b> Brian Scott <b>One-Time Funding Requested (if applicable):</b> 30000 <b>Planning Unit Priority:</b> High</p> <hr/> <p><b>In Progress</b> - Develop a district budget to cover the actual costs of maintenance and replacement of laboratory equipment, facilities maintenance, farm supplies, feed for animals, vehicle replacement, and outside veterinary services. <b>Lead:</b> Bruce Carleton <b>One-Time Funding Requested (if applicable):</b> 100000 <b>Type of Request:</b> Facilities , Instructional Equipment, Instructional Supplies, Non-Instructional Equipment <b>Planning Unit Priority:</b> High <b>What would success look like and how would you measure it?:</b> Success would mean we do not have the need to regularly fill out Immediate Needs Requests or try to find money in a district account to take care of these routine, anticipated items</p> <hr/> <p><b>In Progress</b> - Procedure to sell constructed projects such as chicken</p>	<p><b>Reporting Year:</b> 2017-18 <b>% Completed:</b> 0 The horticulture program received approximately \$28,000 from the Perkins Grant this year for lab equipment, professional development, student lab assistants, and textbooks. The RVT and Animal Science programs received approximately \$18,000 (05/02/2018)</p>
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<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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coops, garden sheds, etc. built in the Construction Classes.  
**Lead:** Brian Scott  
**Type of Request:** Instructional Supplies, Marketing  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:** Our construction classes would be able to construct and sell items at plant sales, farmers markets, etc. and use the funds to purchase additional instructional equipment and supplies for the class.  
**In Progress -** Budget for small equipment with a price between \$500.00 and \$1000.00.  
**Lead:** Brian Scott  
**One-Time Funding Requested (if applicable):** 10000  
**Type of Request:** Non-Instructional Equipment  
**Planning Unit Priority:** Low  
**What would success look like and how would you measure it?:** We would have a fund every year to budget small equipment that we cannot purchase with instructional equipment money, thus improving our efficiency to maintain adequate equipment for proper lab instruction.

**Program Promotion -** Improve marketing by improving our website, offering community events, Ag Literacy Trail, Attending career fairs, etc.  
**Status:** Active  
**Goal Year(s):** 2016-17  
**Date Goal Entered (Optional):**

**In Progress -** Host Ag Field Day  
**Lead:** Audra Lopez  
**One-Time Funding Requested (if applicable):** 300  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:** This budget would allow us to not have to

**Reporting Year:** 2017-18  
**% Completed:** 100  
 We successfully hosted Ag Field Day on April 7, 2018. 87 students from 20 different High School FFA programs attended the Veterinary Science event. (05/02/2018)



<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
09/01/2016	<p>look for outside sources of funding to host several hundred high school FFA students for Ag Field Day every spring</p> <p><b>In Progress</b> - Host Farm Day  <b>Lead:</b> Jamie Phillips  <b>One-Time Funding Requested (if applicable):</b> 4000  <b>Type of Request:</b> Marketing  <b>Planning Unit Priority:</b> High  <b>What would success look like and how would you measure it?:</b> This money would allow the Ag Department to continue to offer Farm Day without charging an entrance fee to the community. This year (2018) we had over 3,200 people attend the event and it is growing every year. It has become one of the most successful annual events on campus and the college should support this activity. It is not a fund raiser. It is a community outreach and marketing event.</p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 100  We successfully hosted Farm Day on May 5, 2018. (05/02/2018)</p>
<p><b>Maintain Relevant Programs -</b>  Maintain relevant Programs  <b>Status:</b> Active  <b>Goal Year(s):</b> 2017-18, 2018-19, 2019-20, 2020-21  <b>Date Goal Entered (Optional):</b>  06/16/2017</p>	<p><b>Full Funding Requested -</b>  Accreditation of RVT Program  <b>Lead:</b> Dawn Waters  <b>Planning Unit Priority:</b> High  <b>What would success look like and how would you measure it?:</b> Our RVT program would be able to continue to operate.</p>	
	<p><b>In Progress</b> - Maintain Advisory Committees  <b>Describe Plans &amp; Activities Supported:</b> Food for advisory committee meetings (Horticulture, Animal Science, and RVT) - \$1000  <b>Lead:</b> Brian Scott  <b>One-Time Funding Requested (if</b></p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 100  Each of our advisory committees met twice this year. The horticulture advisory committee is always a valuable resource, and they played a huge part in the planning and success of our Horticulture Career Night this year. Members of our Advisory Committee also helped us with planning for our horticulture unit and assisted students with</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p><b>applicable):</b> 1000  <b>Planning Unit Priority:</b> High  <b>What would success look like and how would you measure it?:</b> Our advisory committees would continue to have representation from all aspects of industry and maintain 10-20 active members.</p> <p><b>In Progress - Faculty and Staff Describe Plans &amp; Activities</b>  <b>Supported:</b> 1. Stipends for 10 month faculty - The Ag department has lost 7 months of contract faculty salary because faculty with 11 and 12 month contracts were replaced by faculty with 10 month contracts with no negotiation through the Faculty Association. These Faculty members still need to work during the extra months due to the nature of our programs, and are not being paid equitably for their extra time. - \$50,000  2. 12 Month RVT Director - AVMA has strongly recommended that the director for the RVT program needs to be available 12 months out of the year. Our director recently received additional release time but the position needs to be a 12 month position.  3. Need to add a full time horticulture professor - We currently have over 30 LHEs per semester in Horticulture that are being taught by</p>	<p>the Spring Garden Show,  We received funding through the Perkins Grant to pay for the food for our advisory committee meetings. (05/02/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 100  Each of our advisory committees met twice this year. The horticulture advisory committee is always a valuable resource, and they played a huge part in the planning and success of our Horticulture Career Night this year. We received funding through the Perkins Grant to pay for the food for our advisory committee meetings. (06/27/2017)</p> <p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 0  We were able to hire a second Veterinarian this year to increase the offerings in our RVT program. This was funded through Strong Workforce funding. We also hired several student lab assistants through Perkins Grant funding, to assist students in lab activities. These student assistants are required by AVMA for our accreditation, but there is still no district funding for these positions. (05/02/2018)</p>

*Unit Goals*

*Resources Needed*

*Where We Make an Impact: Closing the Loop on Goals and Plans*

adjunct faculty. Full time faculty are able to contribute much more to administrative duties and student support. - \$current rates

4. Full time Livestock Production / Farm Operations Assistant (2 positions) -We currently have only one full-time Production Specialist assisting 6, soon to be 7, full time faculty and numerous part time faculty lab activities. but the hours needed to support lab activities and farm operations are well beyond a 40 hour work week. \$Current rates

5. Change the part time Horse Trainer to a full-time Equine Specialist in order to accomplish the task of being able to manage the unit and train horses to be used by students in lab classes.

6. Student Lab Assistants - These lab assistants are required for student and animal safety. In order to keep our accreditation with AVMA, we are required to maintain lab assistants in a 1-8 ratio when live animals are used, and a 1-12 ratio for all other lab courses. There is currently no district funding for them, although this will be an ongoing cost and cannot permanently be funded through Perkins grant. \$50,000 Status Quo Student labor budget increase - high priority- The current budget is not sufficient - minimum wage has gone up considerably and the size of the laboratory facilities have increased, but the student labor budget has never been increased. - \$74,000

<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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8. We need funding for compensation for classified staff for hours required for workload over and above the normal work hours. - High priority - Compensation is not available for our classified staff for hours required for workload over and above the normal work hours. - \$5,000

9. Third full time RVT to assist with new course additions. \$current rates

**Lead:** Brian Scott  
**Type of Request:** Staffing  
**Planning Unit Priority:** High  
**What would success look like and how would you measure it?:** Our LHE of lab classes has increased significantly over the past 5 years. Our support positions have had no increase in that same time frame. These positions are necessary as our current situation is not sustainable and we will need to reduce course offerings without adequate support staff

**In Progress - Professional Development**  
**Describe Plans & Activities**  
**Supported:** AVTE Symposium - Required for AVMA accreditation every other year. 3 faculty must attend. \$6,000  
 CATA Summer Conference - 2 faculty must attend each year. Allows faculty to stay up to date with the current standards and state level curriculum for agriculture and to network with other Ag teachers from high schools and colleges across the

**Reporting Year:** 2017-18  
**% Completed:** 0  
 Faculty attended several conferences this year. 2 faculty attended the STMA conference and supported the Turf Team in their competition at the same time. 2 faculty attended the CATA Summer Conference in order to keep up to date on new trends and efforts in Ag Education. 1 faculty member attended the Street Tree Seminar Western Tree Symposium to keep up with trends in Arboriculture. The RVT faculty also attended several conferences to keep up to date and maintain their licenses.  
 We still do not have a source of funding for classified staff or supervisors, so this is still an area of need. (05/02/2018)

**Reporting Year:** 2016-17

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p>state. \$3,000  STMA Conference - 2 Faculty coaches need to attend to support the students competing in the Student Challenge and to keep up to date on industry standards. \$2,700  Western Veterinary or Pacific Veterinary Conference - 3 faculty must attend. - Required for continuing Education for all RVT and DVM licenses. \$4,500  North American Veterinary Conference - This conference will help us modify and update the curriculum for the RVT program and keep us abreast of new technology and research in the field. Three faculty must attend because it is required for continuing education for the maintenance of RVT and Veterinary licenses. - \$7,000  CATA Midwinter Institute - Specifically designed for community college Agriculture faculty. \$200  C&amp;T Funding for classified staff and supervisor - There is no funding available for classified staff and supervisor, but our staff need to stay up to date in their industries, since this is a vocational program. - \$1,000  <b>Lead:</b> Brian Scott, Jennifer Hinostroza, Dawn Waters  <b>One-Time Funding Requested (if applicable):</b> 24400  <b>Type of Request:</b> Professional Development  <b>Planning Unit Priority:</b> High  <b>What would success look like and how would you measure it?:</b> Faculty must attend these conferences.</p>	<p><b>% Completed:</b> 50  Faculty attended several conferences this year. 2 faculty attended the STMA conference and supported the Turf Team in their competition at the same time. 2 faculty attended the CATA Summer Conference in order to keep up to date on new trends and efforts in Ag Education. 1 faculty member attended the Street Tree Seminar Western Tree Symposium to keep up with trends in Arboriculture. The RVT faculty also attended several conferences to keep up to date and maintain their licenses.  We still do not have a source of funding for classified staff or supervisors, so this is still an area of need. (06/27/2017)</p>

Unit Goals	Resources Needed	Where We Make an Impact: Closing the Loop on Goals and Plans
	<p>Faculty will report information back to the department as a whole.</p> <p><b>In Progress</b> - Marketing  <b>Describe Plans &amp; Activities</b>  <b>Supported:</b> Animal Science  Brochures need to be re-designed and printed. \$1,500  Student Assistants to work as Ag Ambassadors - visit local high schools, career fairs, and other shows and events for recruiting. - \$3,200  Host Ag Field Day - We have minor costs associated with hosting this annual event, and we need to have access to facilities to hold the event - \$350  Host Farm Day - \$4,000  Ag Literacy Trail - The Ag Literacy trail will be a way to increase Agriculture literacy within the community, promote and bring awareness to our programs, and provide laboratory opportunities for our students. \$50,000  <b>Lead:</b> Audra Lopez - Ag Field Day  Jamie Phillips - Farm Day and Ag Literacy Trail  Maya Padilla - Ag Ambassadors and Brochures  <b>Type of Request:</b> Facilities, Human Resources, Marketing, Supplies (less than \$200 per item)  <b>What would success look like and how would you measure it?:</b> We will have brochures to distribute  We will offer Ag Field Day  We will offer Farm Day</p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 0</p> <p>We hired students as Ag Ambassadors with funding from the Orange County Farm Bureau Endowment. These students visited high schools, career fairs, gave farm tours, and attended and other events to promote awareness of our programs.  87 students from 20 schools attended Ag Field Day, and were able to see our facilities and meet faculty.  Farm Day brought in many (over 3,200) community members to see our facilities and our programs.  The Horticulture Club's participation in the South Coast Plaza Garden Show provided an opportunity to market our programs and show off our students' abilities.  (05/02/2018)</p>
	<p><b>In Progress</b> - Curriculum  <b>Describe Plans &amp; Activities</b></p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 25</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p><b>Supported:</b> TOP code review - We need to review and adjust program and course TOP codes to make sure that they are accurate. Many reports are based on this data, and if course and program data is not accurate or doesn't match up, the reports are less useful.</p> <p>We plan to revise our curriculum, degrees, and certificates as laid out in our Educational Master Plan</p> <p><b>Lead:</b> Brian Scott</p>	<p>We have merged the content of AGOR 4 and AGOR 5 into one class, AGOR 5. We modified Park and Sports Turf Management A.S. degree to reduce the required units to 34 core course units. We modified the I.P.M. degree to include more choices of electives of core courses and removed some of the biology course electives. The Park Management certificate was modified to take into account the merging of AGOR 4 and 5. The Equipment Technology Degree and Certificate were deactivated due to industry changes not requiring these for employment any longer. Planned Pathways were completed for all degrees and certificates.</p> <p>The RVT Program is on the verge of completing an application process for admission into that program. The program has also received funds from the Strong Workforce Initiative, allowing us to hire one more full-time faculty member, which has increased our course offerings to allow students to complete the program in a more timely manner. We have added several sections of online and hybrid courses (AGOR 1, 5, 64,24; AGAG 1) to our course offerings which have resulted in a increase in the number of students enrolling in these courses (05/23/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 25</p> <p>We did 4 year review of several courses this year, including AGOR 15, AGOR 75</p> <p>We created a new AS-T degree in Plant Science and a new AS-T in Animal Science.</p> <p>A list of courses and degrees that need TOP code changes is attached. These will need to be changed as the courses and degrees go through curriculum review/revision.  (06/28/2017)</p> <p><b>Related Documents:</b>  <a href="#">TOP Code Changes Needed in Agriculture.pdf</a></p>
	<p><b>In Progress - Articulation Describe Plans &amp; Activities</b></p> <p><b>Supported:</b> Continued support for articulation officers and support staff to assist us with creating and</p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 100</p> <p>We created 32 articulation agreements with local high school agriculture programs this year, for courses such as AGOR 1, AGOR 13, AGOR 71, and AGAN 1, and AGLI 16. (14</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p>managing articulation agreements.  <b>Lead:</b> Audra Lopez  <b>Type of Request:</b> Human Resources  <b>What would success look like and how would you measure it?:</b> We will have active articulation agreements. We will issue articulation credit</p> <p><b>In Progress - Regulatory Compliance Describe Plans &amp; Activities</b>  <b>Supported:</b> Licensing and fees for DEA, AVMA, DVM, AVTE, RVT, CVMA, USDA, LA County Health License, Nursery Operations License, Certified Producers Certificate, Regional Water Quality Control Board, - \$8,500  <b>Lead:</b> Bruce Carleton and Dawn Waters  <b>Planning Unit Priority:</b> High  <b>What would success look like and how would you measure it?:</b> The licenses and accreditation are renewed</p>	<p>for Horticulture, 18 for Animal Science) From our articulation agreements, 33 high school students received credit for the courses they completed at their high schools. (24 animal science students and 9 horticulture students) Although Articulation is complete for this year, the process will continue annually, so we will still need resources and this activity will continue every year. (05/03/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 75  We created 23 articulation agreements with local high school agriculture programs this year, for courses such as AGOR 1, AGOR 13, and AGAN 1. (10 for Horticulture, 10 for Animal Science, 3 for livestock.) From our articulation agreements, 63 high school students received credit for the courses they completed at their high schools. (47 animal science students and 16 horticulture students)  We also met with Cal Poly Pomona's Landscape Architecture program and articulation officers from both schools to discuss continued articulation and changes related to their new curriculum changes. (06/28/2017)</p>
	<p><b>In Progress - Industry Partnerships Describe Plans &amp; Activities</b>  <b>Supported:</b> Advisory Committee</p>	<p><b>Reporting Year:</b> 2017-18  <b>% Completed:</b> 100</p>



<i>Unit Goals</i>	<i>Resources Needed</i>	<i>Where We Make an Impact: Closing the Loop on Goals and Plans</i>
	<p>Horticulture Career Night  Participation in professional organizations  <b>Lead:</b> Brian Scott  <b>Planning Unit Priority:</b> High</p>	<p>Faculty are members of several professional organizations, including:  International Society of Arboriculture  Street Tree Seminar  California Landscape Contractors Association  California Association of Nurseries and Garden Centers  Sports Turf Managers Association (05/23/2018)</p> <hr/> <p><b>Reporting Year:</b> 2016-17  <b>% Completed:</b> 100</p> <p>Faculty are members of several professional organizations, including:  International Society of Arboriculture  Street Tree Seminar  California Landscape Contractors Association  California Association of Nurseries and Garden Centers  Sports Turf Managers Association (06/27/2017)</p>