Facilities Management
Operations Plan

July 2020
Originated: March 2016
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Introduction
Facilities Management functions as an integral part of Southern Utah University by providing quality buildings and outdoor spaces that enhance learning opportunities for current students, as well as support the recruitment of new students. We are thoroughly engaged in the practice of implementing proactive solutions, which helps us address problems before they become critical. An important component of this philosophy is to employ journeyman level trades, professional people, and front line staff, as well as students, who are empowered to solve issues on site while supporting a variety of activities on campus. By empowering our staff with the ability to make decisions on the front line, we can respond to the requests of individual customers quickly, while serving the larger needs of the university effectively.

Our organization is fervent about safety, employee well-being, regulatory compliance, record keeping, transparency, and cooperation with campus and state level entities. We host a high expectation of quality work within our organization to ensure an exceptional educational environment, which is accessible, functional, and beautiful.

Our mission statement underscores our commitment to student success. As we fulfill our vision, the department continues to expand its role as a critical component of SUU. Our commitment to students extends beyond simply caring for campus buildings; instead, we serve as a vital part of recruitment through quality facilities and retention through student mentoring and employment - which improves graduation rates.

Mission and Organization

Facilities Management Mission Statement
We honor our commitment to student success by providing an exceptional learning environment and opportunities which promote excellence at SUU.

Facilities Management Vision Statement
We will improve the campus experience for all that join us at SUU by delivering exceptional facilities that are welcoming, accessible, and create a lasting impression. Facilities Management staff are empowered to engage with the campus community in a professional and honorable manner, perform at the pinnacle of their abilities, and mentor students for future success.

Core Values
As an organization, Facilities Management understands the importance of coalescing around a nucleus of common values which guide decisions within the department. By committing to these values as an organization, we are more apt to make consistent, ethical, and forward-thinking decisions. Facilities Management has adopted the following four core values:

**Honor:** honesty, integrity, ethical, loyalty, character, respect, work ethic, commitment, accountability, courtesy, cheerfulness, communication, stewardship, courage.

**Mentorship:** student success, education, patience, commitment, employee/staff success, opportunity, inspiration.
**Empowerment**: self-motivation, pride, ownership, innovation, creativity, initiative, assertiveness, expertise, motivation, excellence, stewardship.

**Professionalism**: conduct, communication, expertise, teamwork/collaboration, service-oriented, safety, goals/improvement, adaptability, quality, respect.

### Core Competencies

Facilities Management at Southern Utah University recognizes four core competencies as central to the organization. These are **General Administration and Management; Maintenance and Operations; Energy and Utility Systems;** and **Planning, Design, and Construction**. These competencies represent the broad range of responsibilities required to manage campus assets and resources effectively. Each competency ties back to the departmental mission and vision in that they are components of promoting student success, managing safety and risk, making campus accessible, and realizing our department’s vision and ability to provide exceptional learning environments and opportunities. Additionally, each core competency is supported by the department’s key performance indicators.

### Key Performance Indicators

Tracking organizational performance is paramount to ensuring the department is allocating resources effectively and fulfilling our obligation to maintain and operate our facilities at or above State standards. Additionally, these performance indicators help ensure that Facilities Management is actively supporting the mission and strategic goals of the greater institution.

1. **Preventive Maintenance Audit Score as compared to State averages**: The state of Utah performs regular facility audits which substantiate the effectiveness of all aspects of facility management including administrative, custodial care, grounds and gardens upkeep, mechanical and electrical systems care, life safety, and the preservation of building envelopes. State statute requires all state agencies to maintain an average audit score of 90% or better over a rolling three-year period.

   Scores for SUU have been consistently over 90% for many years, often placing our buildings, on average, as the highest scoring facilities in the state. The audit scores are reflective of the effectiveness of the department and the appropriateness of the application of resources. Furthermore, these scores can be indicators of correct staffing levels, and if the departmental focus is being directed too far away from maintenance responsibilities and toward remodeling work aimed at meeting operational needs.

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2. **Capital Development Initiatives to meet the growth needs of the University**: Over the last ten years, SUU has continuously engaged in the acquisition, design, and construction of capital facilities, which directly supports Objective 2.3.5 as outlined in the University’s Strategic Plan. These projects have been in the form of new or acquired buildings which house classrooms, offices, administrative, and support space; student housing and living/learning environments; athletics facilities; also
parking and exterior greenspace such as intramural resources have been added. Facilities Management further supports the Strategic Plan by securing funding for and executing more than $3 million of capital improvement projects each year that further enhance the education and professional opportunities of students, faculty, and staff on campus. Facilities Management regularly secures professional consulting services for engineering studies and master planning on behalf of SUU, which inform all strategic growth decisions.

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**Personnel**

The number of full-time staff in Facilities Management fluctuates as new buildings are added to our inventory or as departmental assignments vary. Facilities staff contribute specialized skills and assist in the innovation and optimal performance of the department. Together, staff members work as a unified and cooperative force to accomplish goals and projects on campus. Additionally, they value the ability to collaborate, to exemplify best practices, and produce quality craftsmanship. Each year, with the retirement of well-tenured individuals, the department is at risk of losing extensive and valuable campus knowledge. Facilities Management staff work to mentor each other to preserve institutional knowledge and create depth in the organization. This mentoring model is extended to student employees, providing them with valuable work experience and skills that enhance the student’s collegiate experience at Southern Utah University and their preparedness for future careers. Many Facilities Management staff hold higher education degrees, which give them a unique understanding of the needs of students across campus.

Facilities Management employs about 280 students (varies by season). Each of these student
positions plays a vital role in the daily functions and success of the university. These positions are meaningful, and assist in skill development, improved communication, and provide direct responsibility. Each student position within Facilities Management serves an important purpose in the mission and objectives of the department, in addition to those of the institution.

**Facilities Management Organization Chart**

![Facilities Management Organization Chart]

*Data Date: 11/20/2019*

**Finances**

As a part of Southern Utah University, Facilities Management receives an average budget of $12.4M annually in state appropriated funds. Of this $12.4M, about $7.2M is allocated for payroll expenses and $5.2M for operating expenses. Also, each fiscal year, the department receives capital improvement funds from the state, typically totaling over $3M. These funds are designated to major projects such as the replacement of campus infrastructure and capital equipment. This allotment is based upon the State of Utah Capital Improvement guidelines, which equals 1.1% of the replacement value of existing campus buildings. The State allocates capital improvement dollars before any capital development projects can be approved each year.
Outside of appropriated and capital improvement funding, Facilities Management generates revenues from divisions within the department such as Sign Shop Operations and other smaller sources. These revenues are designed to offset direct costs such as operations, supplies, and materials. Some of these dollars are generated from rent reimbursements and registration fees.

**Work Orders**

Facilities Management utilizes an active work order system on campus, which is currently run through the software *Sprocket* by Dematic. In FY20, 3,995 work orders were completed. The work order system is used to communicate maintenance needs from the campus to Facilities Management and assists the university in more timely and efficient project completion, in addition to facilitating more in-depth record keeping.

The use of this software provides improved connections and communication among faculty, staff, and students in a continued effort to keep campus safe, accessible, and beautiful. The application of the work order system continues to evolve as needs change and improvements are made.

**Strategic Focus**

Initiatives considered as *Strategic Focus* include projects where Facilities Management is involved, along with other entities. The Facilities department largely takes the lead, ensuring these projects are moving forward.

**Capital Improvement**

Each fiscal year, in collaboration with pertinent departments on campus, Facilities Management develops a list of capital improvement needs which are submitted to DFCM for funding consideration. This list of projects is compiled with strong consideration for the strategic initiatives of the University through consultation with the institution’s Strategic Plan and
administrators. Projects that make the final cut for submission are those which fully support the Strategic Plan and academic endeavors of SUU, along with accessibility and life safety, and which promote student success by enhancing learning environments and their respective infrastructure. Facilities Management is expanding this list into a 5-year capital improvement plan for guiding upcoming campus projects.

**Sustainability and Energy Conservation**

Facilities Management makes energy conservation and sustainability a priority. In 2007, SUU administrators and Facilities Management coupled resources to establish a fund designated for energy savings projects across campus. By working with an energy consultant, energy conservation measures were identified through an investment grade audit of university buildings. From this list of conservation measures, Facilities Management personnel implemented numerous projects with reduced energy consumption as the primary objective. These projects had payback timelines from 0.5 - 12 years, with an average return on investment of 4.7 years. As a result, the total kBTU’s consumed on campus has dropped from FY07 to FY18. During this same period, the gross square footage of campus continued to increase. Since 2007, energy savings have exceeded $850,000.

Although there had been a major campus energy audit completed in 2007, which resulted in significant energy savings for the campus, Facilities Management continues to pursue energy-related projects on an on-going basis. To confirm the effectiveness of these types of projects, Facilities Management recently collaborated with a third-party energy consultant. A second audit was carried out on 21 major campus buildings. In addition to evaluating previous conservation projects, several new innovative energy conservation strategies were explored. The results not only confirmed the energy conservation measures completed to date had been effective, but also identified additional potential projects. Unfortunately, most of these new opportunities have an extended return on investment, thus diminishing their true value to campus.

With SUU administration’s commitment to energy conservation, Facilities Management will continue to pursue energy-related projects that have financial viability and contribute to enhancing occupant comfort. By working with consultants like Wattsmart and the Brendel Group, Facilities Management is able to master plan the future of these initiatives. Anticipated upcoming projects will include upgrades to utility sub-metering, low-consumption restroom appliances, continued conversions to LED lighting products, building re-commissioning, ongoing preventative maintenance, analysis of mechanical systems design, piping insulation upgrades, building automation, and further development of a water management plan. As these projects are pursued, off-campus funds will also be sought by working with utility suppliers to secure grants and incentives.
Emergency Preparedness

Facilities Management is working with other campus entities to increase campus emergency response capabilities. Recognizing that unified organization and communication are of paramount importance, SUU has adopted the federal emergency command structure as defined by FEMA. This model aligns with other federal, state, and local government response plans and objectives.

Serving as the Emergency Coordination Center (ECC) for campus incidents, as outlined in the FEMA Command Structure, Facilities Management plays a key role in ensuring proper support is provided to first responders and that SUU administrators are kept informed throughout an event.
Multi-Year Capital Development Plan

Southern Utah University is committed to an upward growth pattern for the foreseeable future. Facilities Management supports this plan by working closely with top campus administrators in evolving an outlook for capital development projects. These projects are identified in response to the strategic needs of the campus, with consideration for building age, building functionality, academic priorities, and administrative objectives. Capital Development projects are pursued as funding and approval from state authorities become available. Facilities Management assists with the creation and submittal of Capital Development Requests each year, and management of the projects once they are funded.

Operational Focus

Initiatives identified as Operational Focus include objectives that are part of the daily operations of Facilities Management. These areas of concentration are key to Facilities’ support of the mission of the university. By improving these areas, Facilities Management’s customer base, including students, is directly affected. The Facilities Management front line staff are essential to the success of the items defined as operational focus points. Without the support and commitment of the entire department, Facilities would falter in its ability to interact with the campus, respond to emergent issues, and preserve departmental resources.

Preventative and Corrective Maintenance

Facilities Management at SUU is responsible for millions of dollars worth of state assets. The department’s responsibility to the taxpayer is rooted in the preservation of these assets, ensuring they are optimized for the maximum lifespan possible. Preventative maintenance is a key aspect of this process, a practice that is part of our proactive approach to solving issues in their infancy. Facilities Management uses commercial software to organize and schedule routine preventative maintenance on all pertinent campus elements. These include areas such as roofing, building shells, custodial care, building mechanical systems, grounds equipment, and department vehicles.

The execution of a successful preventative maintenance program, such as that used at SUU, results in many benefits. Some of those benefits include improved systems reliability, reduced impact to campus end-user groups, enhanced safety, energy conservation, extended product and equipment life, extension of building life, and improved student satisfaction as a result of higher quality learning environments.

At times, measures are necessary to repair or replace campus elements that have failed unexpectedly. Defined as corrective maintenance, this portion of the Facilities Management workload is minimized as a result of preventative measures and planned system replacement that help ensure a reduction in downtime and a virtually seamless user experience.

The success of this approach to maintenance, preventative and corrective, is reflected in state audit reports, which consistently score SUU facilities in the mid-90th percentile for overall
building condition and administrative processes.

**Resources Utilization**

Among the various resources utilized, Facilities Management pursues the best value in the projects and initiatives conducted on campus. The department is forward-looking in all aspects of purchasing and utilizing resources that benefit campus in both the present and the future. In the search for material resources, the department follows Southern Utah University’s purchasing policies and procedures, taking care to seek bids and make educated decisions based on best value.

The department works to reduce the number of physical resources utilized while maintaining quality in all projects. Staff also strive to reuse and recycle resources in addition to being mindful of energy and water conservation efforts. In addition to a long list of completed energy conservation projects, Facilities Management has photovoltaic solar panels in place at both the Facilities Management Administration Building and the Shops, and makes conscious efforts to improve the awareness of energy savings on campus. From a financial perspective, Facilities Management establishes budgets and plans for the financial resources they are provided and they seek to utilize those resources responsibly.

**Customer Service**

Facilities Management strives for exceptional customer service. As a team, the department works with campus administration, faculty, staff, and students to provide positive experiences and environments where everyone can safely learn and develop. In addition to on-campus relationships, Facilities Management works to create positive and lasting relationships with outside vendors and community members, fostering a cooperative culture for maintaining an outstanding campus.

These customer service traits come from consistently nurtured relationships and a collaborative team that seeks to communicate with one another in a courteous and respectful manner. To support a high level of service, the department is responsive to work requests and makes every effort to maintain effective communication with campus contacts.

**Strategic Objectives**

Facilities Management works toward achieving strategic objectives on an ongoing basis. By meeting weekly, the department’s leadership team can foster a continuous solution-oriented conversation that leads to the implementation of an evolving list of strategic objectives. This team evaluates issues to determine what opportunities can be gained, as well as identifying the potential threats and unintended consequences of a decision or outcome. The primary strategy revolves around a departmental commitment to finding the best solution for the University - not the solution that may be self-serving to the department or individual division. By holding firm to this approach, Facilities Management collectively benefits from decisions and solutions that are designed to serve the most strategic needs of the department and its service to the institution.
These decisions invariably lead to the most cost-effective and long-term outcomes.
The following goals are broad by design and allow the organization to respond to the needs of
the greater institution without having to redefine departmental goals every time the climate on
campus changes. This provides improved continuity for Facilities staff.

The objectives listed under each goal reflect, without priority, elements of the solutions that will
move the department towards the respective goal. Because the nature of managing facilities is
largely reactive to current conditions, having the ability to adjust the objective priorities allows
for a more flexible and responsive organization. At any given time, several objectives are being
addressed at once.

The action items listed in the following tables are expanded or collapsed as the scope of the
related objective is adjusted, which may occur as unforeseen elements, such as workload or
budget. Additionally, these action items serve as indicators of forward movement. As strategic
conversations continue in Facilities Management, the action items will be the focus of current
planning and implementation.

**Goal 1: Focus on improving operational processes within Facilities Management that will enhance the efficiency and effectiveness of the department.**

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| 1.1 Develop a replacement plan for capital equipment | · Inventory items that fit defined criteria to develop the scope  
· Assess expected lifespan of equipment based on ASHRAE data  
· Prioritize items based on equipment performance and service history | 0-18 months | 2 FT + 2 SE* | Effective budget planning based on calculated replacement schedules | A plan that provides a strategic approach to replacing capital equipment related to building operations. | See Archive 7/20: Work is ongoing to integrate equipment data into the work order system. |
| 1.2 Improve or Maintain Cooperative Relationships with Local City, County, and State Agencies | · Hold planning sessions for projects that overlap in jurisdiction  
· Share SUU Facilities Management plans for capital improvement or replacement of parking lots, curbing, sidewalks, utility-related items, and new construction projects | 0-60 months: ongoing | Administrative time as needed | A decrease in points of confusion  
Improved interagency coordination  
Improved ability to gain efficiencies from like projects  
Quicker response on road inquiries, permits, etc. | Mutual benefit and potential savings from cooperative projects between SUU and UDOT, Cedar City Corp., Iron County, ICSD. | Meetings occur on an ad hoc basis.  
See Archives.  
7/20: Cooperative agreement being sought with Cedar City to create a roadway easement at the Valley Farm. |
| 1.3 Enhance Emergency Response Plans | Improve FEMA planning for ECC operations  
· Establish ECC operation capability in Facilities Management building  
· Bolster on-campus communication  
· Communicate resources and needs with local public agencies | 0-12 months | $30,000  
25 FT hours  
25 SE hours | Improved response to emergencies | Align the SUU emergency response plan with national FEMA standards. | A regular strategic effort in cooperation with SUU Police Dept.  
See Archives.  
7/20: Tabletop training is in the planning phase for Facilities Management leadership team. Strategic conversations occur regularly. |
| 1.4 Management of future Capital Improvement and Capital Development funds | Coordinate priority projects into manageable segments  
Bolster staffing levels in appropriate areas to ensure qualified staff are available  
Respond to impending legislation/DFCM rules with appropriate staffing levels. | 0-24 months | 3 FT  
Professional development: $5000  
Additional project management staff: TBD | Timely completion of major projects  
Improved redundancy of project managers  
Favorable rating from DFCM on project management | Provide effective in-house management of major projects on Campus | See Archives  
1/20: Discussions related to the management of resources required to oversee capital projects. Next hire expected to be an addition to the project management area. |
| 1.5 Pursue a work order system solution that better meets the needs of Facilities Management | Evaluate existing work order system, assess system capabilities  
· Compare prioritized department needs with system Capabilities  
· Improve the interface of the work order system with campus operations | 60 months | 2 FT and Facilities Administration collaboration | Improved accuracy and reporting  
Interface with Banner  
Provide front line staff with an effective tool | Decrease overall cost of the work order system and improve work order processing and reporting efficiency | See Archives  
7/20: Further training is underway to find ways to better utilize our existing CMMS. New Grounds director will adopt new plan. |
| **1.9 Balance staffing levels v. workload** | - Use benchmark data to determine levels of staff to square footage  
- Utilize APPA data  
- Coordinate scheduling to produce quality outcome  
- Proper balance of Maintenance v. Operations/remodels  
- Evaluate # of student staff assigned to each FTE. | 0-12 months | Administrative time as needed | Reduced comp-time  
Minimal work outside of a designated shift  
Improved balance of maintenance and operations elements  
Improved score on DFCM facilities condition assessment | See Archive  
7/20: Position planning underway for when ACB comes on line. |
| **1.10 Make processes more user-friendly** | - Create an app or similar tool for service call reporting  
- Provide better mobile technology tools for our staff  
- Teach Call Center to create work orders for non-emergency issues | 0-12 months | Administrative time as needed.  
Front line staff training and input. | Improved feedback from customers  
Better communication between campus and our staff.  
Reduced wait time on failure points on campus | See Archive  
1/20:  
Ongoing effort to improve processes and make information more accessible for staff members. |
| **1.11 Timely communication with staff and campus** | - Respond to all requests for action  
- Create checklists  
- Use email for regular updates  
- Hire a student to convey information about projects with those who are affected: face to face. | 0-12 months | Administrative time as needed | Fewer items lost in process.  
Improved feedback from customers  
Reduced response time to work order or other requests from campus. | See Archive  
1/20:  
Improved distribution of meeting information is ongoing. |
| 1.13 Balance time and workload between maintenance and operations/remodel projects | -Use data to show the need for maintenance  
-Ensure projects are true to the needs of E&G funding  
-Schedule maintenance as projects are scheduled | 0-12 months, ongoing | Leadership team commitment to prioritize maintenance work | -Maintenance items not shown as delinquent in the work order system  
-Fewer corrective maintenance calls | Better overall condition of facilities and educational resources for students | See Archive  
1/20: Additional contractor help has been secured for remodel and auxiliary projects. Will continue to look for opportunities |
|---|---|---|---|---|---|
| 1.14 Evaluate the opportunities which may be present with adding a second shift to Facilities Management operations | -Explore which trades would be most valuable on a second shift  
-Define the optimal work times for a second shift  
-Identify the benefits of having staff on campus late in the day | 0-12 months. | Leadership team time  
Create a means to offer the opportunity to staff | -Improved support for after-hours events  
-Quicker response to emergencies  
-Improve schedule offerings for staff | -Evolution of Facilities Management with campus growth  
-Enhanced support of campus events and activities | See Archive  
7/19: New event technician hired on an offset shift.  
1/20: New custodian hired for second shift.  
7/20: Migration to second shifts as needed with each trade. |
| 1.15 Provide employees with visible credentials for use while working on campus | -Define when credential must be worn  
-Design credential and required information  
-Show benefits of using credentials  
-Establish which other schools are using them and the benefits of it | 6-18 months | Leadership team time  
Money to produce credentials | -Improved identification of staff  
-Enhanced security  
-Improved communication with building occupants | -Improved identification of staff  
-Enhanced security  
-Improved communication with building occupants | |
| 1.16 Respond to growth demands by adding square footage to the Facilities Management Administration building | -Feasibility study completed  
-Secure funding for tenant improvement through capital improvement funds | 24 months |  $727,000 | -Completed feasibility study  
-Funding approval from DFCM | Additional space completed by 2022. | 7/19: Feasibility Study complete  
7/20: Project has been submitted to DFCM for funding |
| 1.17 Develop master plan for Facilities Yard | -Map out existing resources  
-Configure space to be more efficient | 12 months | 1 FTE + 1 SE | Improved organization and appearance  
 Improved aesthetics  
Cost savings from storage solutions | Improved organization and appearance  
 Improved aesthetics  
Cost savings from storage solutions | 7/20: Formalize discussion notes from earlier mtgs. |

* SE – Student Employee, FT – Full Time
## Goal 2: Pursue elements that enhance employee well-being and provide opportunities for professional development.

<table>
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<tr>
<th>Objectives (Listed without priority)</th>
<th>Action Items</th>
<th>Timeline</th>
<th>Resources Required (All staff are existing unless indicated)</th>
<th>Indicator/s of Achievement</th>
<th>Desired Outcome</th>
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| 2.1 Employee Compensation | - Improve wage standing in relation to benchmark  
- Enhance staff understanding of merit driven compensation  
- Identify opportunity to collapse positions and increase wages based on merit and contribution  
- Promote non-salary compensation (health care, education, tool usage, etc.)  
- Encourage staff to take advantage of education incentives to increase salary  
- Participate in T-fit challenge ($75 per) | 0-60 months | Wage dollars – amount TBD, variable | Wages within +/- 5% of benchmark | Improve the department’s contribution to campus by improving morale and compensation rates | Overall progress has been made, but still lacking headway with several key employees. See Archives.  
| 2.2 Professional Development |  
- Provide staff-requested training every two years minimum  
- Encourage staff to find an area of expertise in which they can excel.  
- Provide leadership and mentoring opportunities | 0-60 months: ongoing | $1000/staff member every other year (~$30k/yr.) | Training recorded in tracking system for every employee at least every other year. | Improved overall knowledge of each staff member’s trade or area of expertise. This can include classes offered at SUU (degree seeking or not) | See Archive  
7/20: Renewed commitments with new year. |
| 2.3 Safety | · Train staff on safety-related items  
· Audit for safety-related issues on campus  
· Provide necessary resources for mitigation of safety issues | 0-60 months: ongoing | Variable, funds TBD. $10k allocated initially. | Decrease overall preventable safety-related incidents on campus | Provide high-quality service to campus while achieving an excellent safety record | Safety program on campus is well rooted and continues to make progress. Safety is often on the agenda at weekly strategic planning meetings within Facilities Management See Archive 1/20: Additional staff has been hired to cover support for safety and risk management. |
| 2.5 Improve Communication with Staff | - Directors to deliver critical information to front line staff  
- Face to face conversations with building occupants to describe work happening in their area  
- Send weekly email from Leadership Team on what’s happening in Facilities Management and on campus  
- List for new employee training interviews with Leadership Team  
- Improved announcements during safety meetings | 0-60 months: ongoing | Administrative time | Reduced complaints from campus community on lack of communication  
More organized approach to interviews with new employees  
Better informed front-line staff | Decreased frustration from front line staff  
Improved project management  
Better customer experience | New meetings have been scheduled; outcome appears positive. Continue efforts. See Archive: 1/20: Trades coordination meeting has been successful |
| 2.6 Employ and mentor students | - Teach technical skills  
- Provide professional guidance related to job assignments  
- Improve the participation in the internship program  
- Mentoring v. labor – pursue the former  
- Highlight student success | 0-60 months: ongoing | Commitment from all full-time staff | - Friendships between full-time and student employees  
- Student employees who meet a challenge  
- Ongoing relationships with students  
- Students gain new skill set | Student success as employees and students | See Archive. 7/20: Strategic conversations happening to address student wages and employment market. |
| 2.7 Implement safety guidelines for contractors | - Acquire insurance documentation from contractors  
- Publish requirements on line, make information known  
- Conduct annual review of documents | 0-12 months, ongoing | - Director of safety and risk management time  
- System or format for document organization | - Documentation for a greater percentage of contractor’s insurance | - Fulfilled requirements on every contractor | See Archive 7/19: Adding staffing under the director of Safety and Risk Management 7/20: Additional effort being made to secure insurance information for contractors. |
Goal 3: Develop methods to maximize potential resource savings and provide long-term benefits to the university.

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| 3.1 Enhanced Energy Management       | · Assess energy-saving opportunities on campus through a formalized campus energy audit  
· Turn audit findings into viable projects with minimal return on investment periods | Ongoing                | Ongoing 2 FT, hours TBD                                       | Viable energy conservation measures | Reduced campus energy consumption | See Archive 7/19: LED conversions continue across campus. 1/20: Wattsmart partnership with RMP underway. |
| 3.2 Building Recommissioning         | · Identify viable building candidates  
· Point by point assessment of mechanical system operation  
· Correction of faulty equipment | 0-60 months: ongoing | $50k 2 FT, ongoing                                          | Improved building occupant comfort as seen through reduced hot/cold calls | Return building mechanical systems to as-installed operational performance | See Archive 7/20: Progress continues with RMP and kW Engineering. |
| 3.4 Water Use Management Plan        | · Define goals for water conservation  
· Determine a means to achieve these goals | 0-12 months           | FT staff hours                                               | Production of a plan that addresses overall water use/reduction strategy for campus | Effective plan that improves water use/reduction | See Archive 1/19: IQ control system is being installed. Will be ready for 2019 watering season.  
7/20: IQ controls are complete and working well. Will challenge new grounds director to pursue additional opportunities. |
| 3.5 Tree Inventory Management – 2400 trees (7/20) | · Identify at-risk trees within campus inventory, strategize for their replacement  
· Purchase trees which will enhance the variety on campus and have a high survival rate | 0-60 months: ongoing | $10k per year, staff labor                                   | Purchase and plant approximately 100 trees per year for five years | Bolster arbor understory with new generations of trees and add tree groves to areas of campus that will benefit from added trees. | See Archives 7/20: 113 trees planted on campus spring of 2020. |
| 3.6 Infrastructure Replacement Planning | · Evaluate current status of utility distribution systems  
· Determine replacement priorities  
· Couple this objective with capital replacement planning | 0-12 months | $50k for assessments | Improved reliability of utility distribution systems | Improved reliability of utility distribution systems | See Archive 7/19: Medium voltage switch gear replacement is in design.  
7/20: RMP installing second metering point on campus. |
|----------------------------------------|-----------------------------------------------------------------|-----------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| 3.8 Improve Campus Utility Metering | · Increase resolution of campus metering program  
· Install automated meter reading with attributes of a modern meter system  
· Primary focus: NG, steam, electric | 0-24 months | $250,000 (state funding has been applied for) | Phase one completion  
Phase two completion | Modern utility meter reading system which produces useable data for energy conservation and O & M reporting | See Archive 8/17: Design services for electrical and gas meters have been started.  
7/20: Electrical and gas meters are being installed. |
| 3.9 Design and construct the Academic Building. | · 90,000 square fee of office and academic space, housing mathematics, history, sociology, aviation, art, design, and other academic support functions | 24 months | $2M of funding secured in 2019.  
Snapshot of Southern Utah University

University Facilities, Structures, and Grounds
- 157 Maintained Acres; 177 acres of other properties
- 68 acres Turf/Xeriscape
- Over 52,000 square feet of Flower Beds
- 35 acres Parking Lots – approximately 3,800 stalls
- 13 miles of Sidewalk
- 93 University-owned Buildings
- 12 Other Structures (i.e., Leased properties, etc.) - 27,557 sq. ft.
- Utilities: Electrical, Natural Gas, Steam, Water, Data, Sewer, Storm Drain, Irrigation, Central Heat Plant

Satellite locations
Valley Farm
- 8 Buildings (Classroom, Agricultural, and Staff Housing) - 38,838 SF
- Livestock facilities
- 1,032 acres of Agriculture

Mountain Center
- Mountain Center and Outbuildings – 6,000 sq. ft.
- 2,629 acres of Mountain Property

Observatory
- Classroom and Astro-observation areas – 705 sq. ft.
- 5 acres

Radio Tower
- Located in the southwest area of Cedar City – 120 sq. ft.
- 160 feet in height
- 0.12 acres

College of Aerospace Sciences and Technology
- 4 owned aviation hangars and annex – 39,841 sq. ft.
- Associated parking and tarmac

Beverley Taylor Sorenson Center for the Arts
- Southern Utah Museum of Art (Museum/Arts Education) – 18,696 sq. ft.
- Utah Shakespeare Festival – 81,000 sq. ft.

Total Square Feet Maintained
Building Space: 1,795,460

Total SUU Acreage, including Valley Farm, Observatory, and Mountain Center: 3,804.49