



# SOUTHWESTERN

AN OREGON COMMUNITY COLLEGE

## NWCCU 2020 Comprehensive Report *1B and 2I Master Plan Exhibits*





**SOUTHWESTERN**  
AN OREGON COMMUNITY COLLEGE

# Southwestern Oregon Community College

2020-2030 Facilities Master Plan

Prepared January 2020



**opsis**



# Acknowledgements

## **Steering Committee**

Marcia Jensen	SWOCC Board of Education
Susan Anderson	SWOCC Board of Education
Patty Scott	President
Elise Hamner	Executive Director College Foundation
John Bacon	Executive Director, Small Business Development Center
Francisco Saldivar	Dean, Career-Tech. and Workforce Development
Emerald Brunett	Director of Facilities Services
Tony Peters	Instructor, Fire Science
Kyle Croy	Coordinator of Student Life Events
James Fritz	Associate Professor, Art
Brian Parker	Director of Facilities Services
Donna Nichols	SWOCC Foundation Board Member
Noelle Ebert	Instructional Librarian

## **Opsis Architecture**

Mark Stoller	Project Planner
--------------	-----------------

## **Smith Group**

Steve Schonberger	Utilization Specialist
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# Executive Summary





## Executive Summary

The 2019-2029 Facilities Master Plan will provide SWOCC with a strategy for planned academic growth and the facility improvements to support their vision of the future. During the past ten years SWOCC has experienced a slight decline in enrollment, while successfully completing a fundraising campaign for the renovation of Umpqua Hall to support their growing nursing and science programs.

The goal of this planning process was to assess both the academic needs and facility utilization, to ensure the instructional needs are supported by appropriate spaces and facilities. This process involved an engagement strategy that shared ideas and solicited input with both campuses, their faculty and students, and local and regional governing bodies. To assess College needs, focus group work sessions were held with the following:

- Academic Services
- Administration Services
- Student Services
- College Foundation
- Human Resources
- Campus Technology
- College Athletics
- Curry Campus Leadership

From these focus groups came the development of core conceptual principles for college growth and focus for the next ten years:

### **Coos Campus**

- Continue to foster and develop community partnerships.
- Continue its balanced support of academic transfer and CTE programs.
- Continue the use of campus technology and infrastructure to supports instructional needs.
- Improve student experience and simplify enrollment process.
- Expand community experience and use of campus.
- Maintain college athletics.

### **Curry Campus**

- Expand all programs through on-line and distance learning.
- Enhance and develop CTE programs.
- Improve awareness and identity of the campus.



### Facility Utilization Analysis

A comprehensive utilization analysis was conducted for both campuses to assess new facilities and where future improvements should be focused. The analysis indicates that the majority of instructional spaces are currently underutilized. Classrooms and labs in the newly renovated Umpqua Hall are appropriately sized and equipped, but older spaces on campus require improvement to support a more dynamic teaching andragogy. Over the next ten years, the focus should be on the renovation of existing spaces to improve their size, flexibility and use of technology.

### Coos Campus

In 2020, the Coos Campus will open its first new facility in the past ten years – Umpqua Hall Renovation. This facility will provide new science labs, an indoor lab for the Emergency Medical Services program, and state-of-the-arts nursing simulation labs. The utilization analysis shows the campus has adequate classroom and lab space for current and future growth, so the focus for the next ten years will be to renovate existing spaces to support more flexible learning environments and repurpose spaces vacated by programs that moved to new facilities. These upgraded spaces will support academic transfer and CTE focused programs.

### Near Term Improvements (1-5 years)

- Umpqua Hall Renovation providing new science labs and nursing simulation suite.
- Future renovations of Coaledo Hall (food science) and Sumner Hall (dental and fire science).
- Renovate athletic fields and create a walk/jog path around campus.
- Newmark Hall Renovation – flexible partnership space.

### Far Term Improvements (5-15 years)

- Create campus center for students and faculty – Level 1 and 2 renovation of Tioga Hall and move library to Dellwood Hall
- Consolidate student services in Stensland Hall.
- Food Service Improvements in Empire Hall.
- Career and Technical Education (CTE) – advanced manufacturing and fire science.

### Curry Campus

Serving the Southern Oregon Coast, the Curry Campus provides numerous degree programs in conjunction with the Coos Campus through on-line and distance learning classes. The current facility has state-of-the-art classrooms that support these programs. Improvements over the next ten years will focus on expanding distance learning, a multiuse flex lab for career and technical education programs, and enhancing campus identification on Highway 101 with new entry signage.



# Introduction







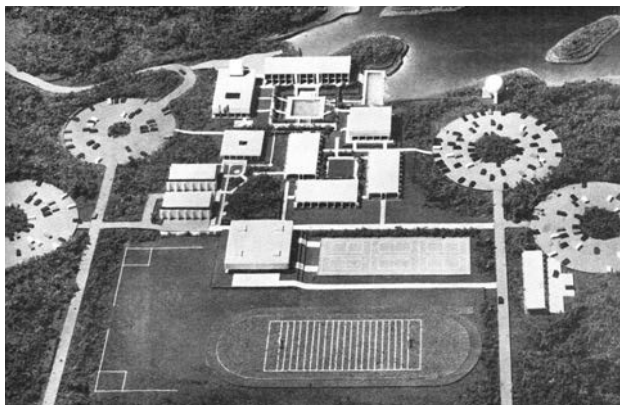
## College History

Established in 1961, the Southwestern Oregon Community College District included Coos and Douglas Counties under the direction of its first college president Henry Hansen. Following the acceptance of the vote of the people of the College District and after a year of operation at the College, the Oregon State Board of Education established the two main objectives of the College:

“General Education is defined as courses that serve as a part of a two-year general education terminal curriculum or complement vocational-technical occupational preparatory curriculums, and that are designed to assist the student to function effectively as a member of a family, a member of a working group and a citizen of his community, state, nation and world.”

“Vocational-Technical Education is defined as education designed to develop skills, abilities, understandings, attitudes, work habits and applications, encompassing knowledge and information needed by workers to enter and progress in employment on a useful and productive basis. It is an integral part of the individual’s total education program and contributes toward the development of good citizenship by developing physical, social, civic, cultural and economic competencies.”

After considering several options for the location of the College, the current home on the Coos Campus



**SOM Master Plan Model**

was finalized by the College Board of Education in 1962 on land gifted to the College by the City of Empire. The College proceeded by hiring the Portland architectural firm of Skidmore, Owings and Merrill (SOM) to develop a master plan and the first buildings began construction on 1963.

Phase I of the SOM master plan included Umpqua and Randolph Halls and Parking Lot 1, all completed for the fall term in 1964. SWOCC enrollment grew quickly and Phase II was completed in 1965, adding Coaledo, Dellwood and Sitkum Halls to the campus. This expansion also included a progressive approach to storm water management on campus with the creation of the aqueduct system on campus that transports building roof and ground water to Empire Lake. An outdoor favorite on campus, “the Poets Eye” was an integral part of this water management system.

Phase III of the College’s planned growth added the two largest building on campus – Prosper Hall (gymnasium) and Tioga Hall (library and learning center) in 1967 and 1969. Tioga was completed in two phases to minimize the construction disruption to campus operation. Joining Tioga Hall at the edge of Empire Lake, a new student center (Empire Hall) was completed in 1980, providing a home for student activities and supporting student life on campus.

The Phase IV expansion of campus would occur in the early 80’s with the addition of Eden, Fairview, Lampa, Sumner and Sunset Halls, along with the fire tower training facility. The Phase IV expansion quickly changed the northeast section of campus, providing facilities for its art, music, nursing and fire science programs.

To help stabilize enrollment and increase SWOCC’s student recruitment in Oregon, northern California, Idaho and Alaska, SWOCC expanded its athletic programs and facilities during the 90’s and also

created on-campus student housing to support its out of region student. The college added two phases of student housing to the southwest portion of campus from 1996 to 1999; providing 198 beds. Other new additions to the campus during the 90’s was Stensland Hall (bookstore and classrooms) and the Family Center, providing on campus childcare and support for its early childhood education program. In 1995, SWOCC formed a partnership with State agencies and non-profit organizations in the County to develop Career and Opportunity One Stop programs and constructed the Newmark Center to support these programs.

SWOCC continued to grow in the 21st century and showed its support of the regional arts community with the addition of the Hales Center for the Performing Arts to campus in 2005. Also joining the Hales Center was the Oregon Coast Culinary Institute (OCCI) constructed in 2005 and the Student Recreation Center in 2006. All three facilities reinforced SWOCC’s commitment to its community and students. From 2002 to 2006, the College also expanded its student housing complex with two phases of expansion.

In an effort to support the communities south of Coos County, Curry County was annexed into the College District in 1995 and SWOCC established “College Centers” in Gold Beach, Port Orford and Brookings. In 1999, the College purchased the old Chetco library building and began to offer more classes to the Curry citizens. In 2007, Rio Tinto donated 10 acres to the College for a new campus. The current Curry campus north of Brookings opened in 2012 with a new facility providing local instruction and academic programs from the Coos Campus with distance learning technology.



**Tioga Hall Under Construction**

## 1960 – 1969

- 1961 College District Formed - Coos & Douglas Counties
- 1962 City of Empire donates land for Coos Campus
- 1963 Skidmore Owings & Merrill Master Plan
- 1964 Phase I Facilities  
Umpqua Hall  
Randolph Hall
- 1965 Phase II Facilities  
Coaledo Hall  
Dellwood Hall  
Sitkum Hall  
Storm Water Acqueducts
- 1967 - 69 Phase III Facilities  
Prosper Hall  
Tioga Hall

## 1970 – 1979

- 1979 Empire Hall

## 1980 – 1989

- 1982 Phase IV Facilities  
Eden Hall  
Fairview Hall  
Lampa Hall  
Sumner Hall  
Sunset Hall

## 1990 – 1999

- 1995 Curry County annex into College District
- 1995 Stensland Hall
- 1995 Newmark Center
- 1997 Family Center
- 1997 Student Housing Phase I
- 1999 Student Housing Phase II

## 2000 – 2009

- 2002 Student Housing Phase III
- 2005 Hales Center for the Performing Arts
- 2006 Student Housing Phase IV
- 2006 Student Recreation Center

## 2010 – 2019

- 2011 Curry Campus

## Planning Process

*Southwestern Oregon Community College leads and inspires lifelong learning.*

Our college is creating this master plan to establish a framework for thoughtful, organized and innovative instruction and ultimately sustainable growth supported by an inclusive process involving faculty, staff, students and community members. SWOCC embraces the Southern Oregon Coast and its many communities, large and small. A core element of this process is to understand the educational needs of the people of our region and how best to support our constituents with campus and facility planning that becomes the foundation for excellence and innovation in instruction and interaction.

The planning process included the guidance of a Steering Committee, with members representing faculty, staff, Board of Education and Foundation members. The process began with education visioning sessions for both the Coos and Curry campuses. These sessions explored the academic

strengths and weaknesses, identifying and informing program focuses for the future. To accompany the visioning, SWOCC conducted a utilization analysis to assess the effective use of classrooms and labs, comparing current usage with previous peak use and trends in higher education.

With data from the visioning and utilization analysis, the Steering Committee developed the “Master Plan Guiding Principles”. These principles will act as a framework for development, innovation and growth for each campus, supporting academic vision and community needs. The Steering Committee and consultants then analyzed each campus, recommending improvements to support the guiding principles.

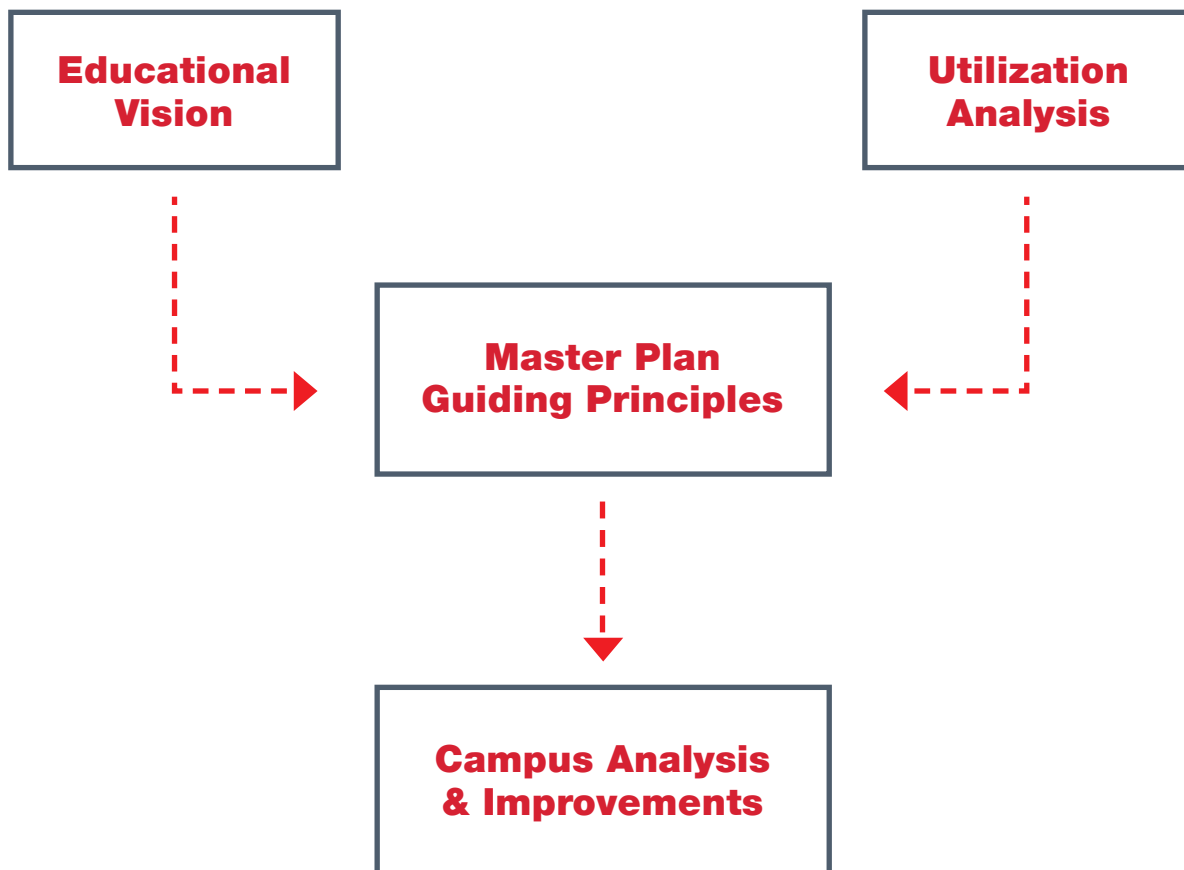
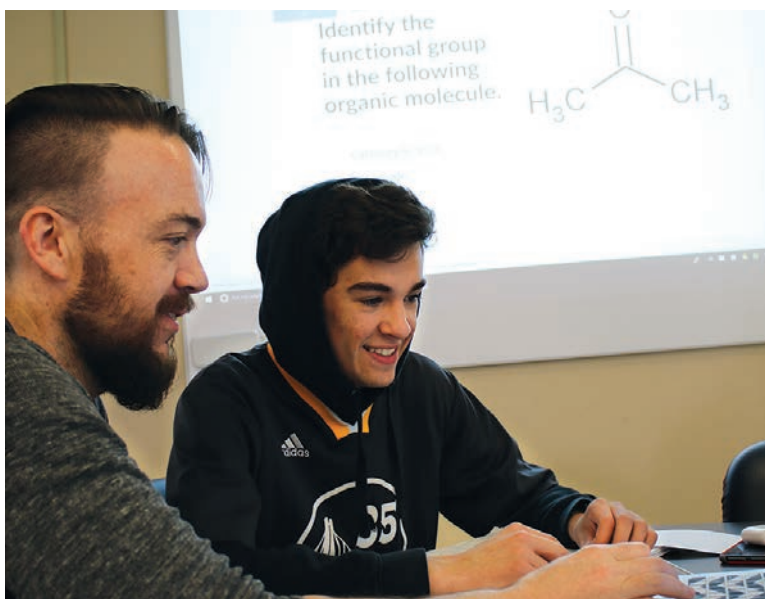
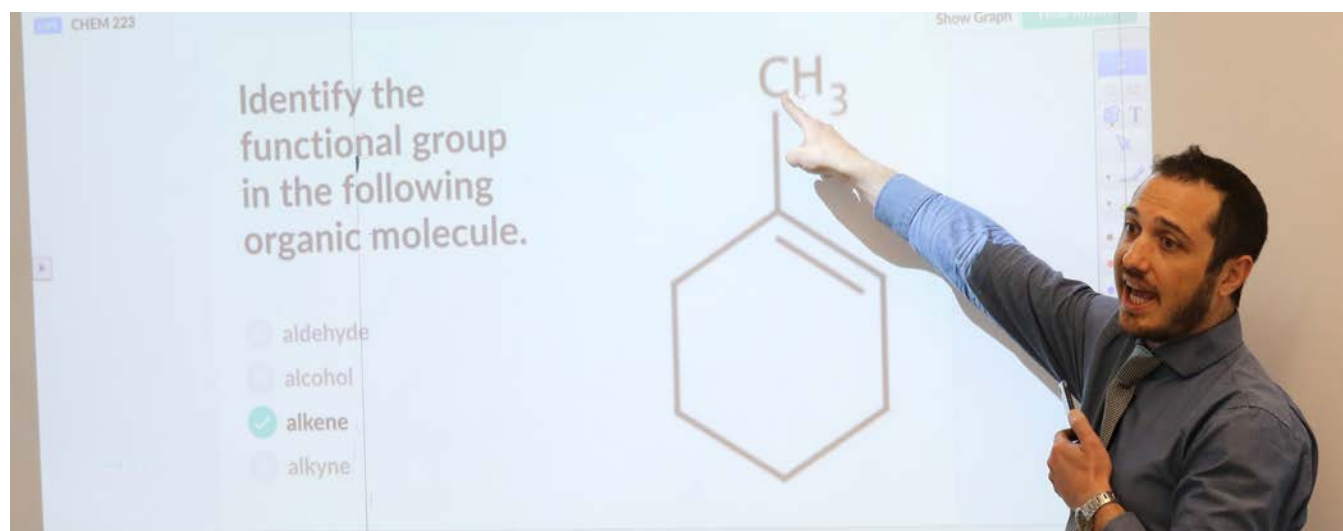


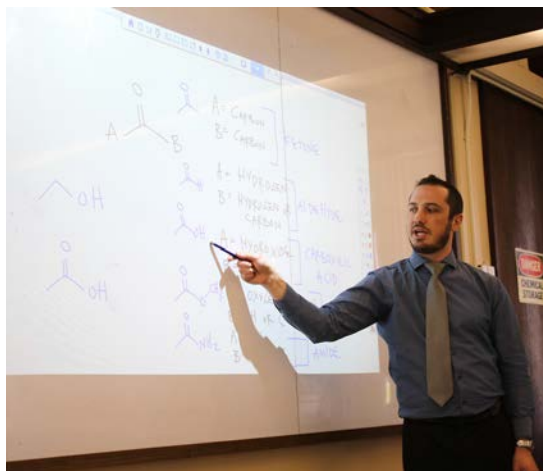
Figure 1. Planning Process





# Academic Master Plan





## Academic Master Plan

Southwestern Oregon Community College's Academic Master Plan provides guidance to the College and to the instructional and support services units of the College. The Academic Master Plan (AMP) provides ongoing assessment, accountability, and continuous improvement measures to guide future planning and decision making for all units of the College.

The Vice President of Instruction, in collaboration with faculty senate, shall be responsible for the interpretation, application, and regular revision of the Academic Master Plan to guarantee the plan effectively contributes to the academic direction and growth of the College.

The College's Mission and Core Themes are implemented under governance policies set by the seven member Board of Education (Board) and are administered by the President of the College and senior staff. Ultimately under the direction of the Board, the faculty, staff, administrators, and students share in the operation of the College through Board policies, administrative functions, the College committee structure, and the organizational reporting structure.

### Mission Statement

***Southwestern Oregon Community College supports student achievement by providing access to lifelong learning and community engagement in a sustainable manner.***

### Core Themes

1. Learning and Achievement
2. Access
3. Community Engagement
4. Sustainability

## Goal One

The College will expand and enrich liberal art programs, courses, and events in ways that nourish life-long learning, increase student success, sustain the College financially, and create a culture of excellence.

Faculty Senate will support this initiative by connecting information across departments to help staff, manage resources, and make sure we are fiscally able to achieve the goal. The Faculty Senate and administration will work together to develop committees and subcommittees to pursue this goal. We will need to assess the budget process (grants, fixed expenses, overhead costs, staffing needs) and the overall feasibility of each initiative and activity. All relevant data will be studied to determine the viability of every initiative.

### Short Term

- Discover the degrees, talent, and expertise of our current staff and determine what resources we already have for enrichment of the liberal arts.
- Create an Arts Council that would research which courses and programs are feasible and meet the needs of students and the community. This should include those in the community who can support and advise new initiatives.
- Write job descriptions for all faculty positions and hire people so as to increase the number of liberal arts courses that we can offer. For instance, we may be able to hire people who can teach both writing courses and media communications or theater.
- Discover how other Colleges in similar settings have nourished the liberal arts.

### Long Term

- The restoration of the theater, foreign languages and broadcast journalism courses. Feasibility of restarting programs in these areas will be assessed along with acquiring articulations and following a Guided Pathway.
- The return of student publications
- Support of new initiatives in areas like dance, film, forensics, and music production.
- An increase in number and variety of ways students can engage with art.





## Goal Two

The College will enhance student success and strengthen the role faculty play by improving the instruction of traditional and nontraditional students.

Faculty senate will support this goal through its curriculum, faculty professional development and instructional technology committees. The intent of this effort is to bring educational opportunities that will promote intellectual growth for both faculty and students. Plans can include facilitating faculty peer mentoring, assessment and recognition of excellent teaching; andragogy seminars; grant writing opportunities; cross discipline assignments; support for new course creation; quality checks for 2+2 and online instruction; and team teaching opportunities.

Faculty senate will share initiatives with administration to assess budget needs and if necessary credit release.

### Short Term

- Plan throughout the year to incorporate andragogy sessions in faculty meetings (in-service, brown bags, general faculty, committee meetings, division meetings, department meetings). Topics might include team-teaching, grant writing, mentoring, cross discipline assignments.
- Encourage in-service presentations by faculty exploring the successes and pitfalls of different instructional innovations and projects.
- Continue in-service training for part-time faculty
- Revive the administrative review for 2+2 and part-time teachers. Faculty partnering with administration to help in evaluation
- Facilitate a formal structure to faculty peer-mentoring

### Long Term

- Task appropriate senate committees to assess the efficacy of the andragogy sessions offered throughout the year. The training that has the most benefit can be considered for senate committee adoption to further their use.

## Goal Three

The College will nurture a community of scholars by supporting student and professor research and educational opportunities both locally and abroad.

Faculty senate will support efforts to plan and budget new research opportunities that connect students with their professors. Research shows that study abroad improves completion, retention, and

transfer rates (studies by Georgia learning outcomes, California Community College, and University of Minnesota). Studies by Georgetown University show that study abroad improves language learning. Other studies by Georgetown and others show that study abroad fosters intercultural understanding, provides a global context and builds enlightened nationalism. Study abroad also increases employability and career skills. (five studies)\*. Instructional strategies will be assessed first in curriculum committee for their efficacy and budgetary concerns. Instructional council will then assess rigor and non-academic issues surrounding the project. Credit release and budget concerns will be shared with administration.

### Short Term

- Survey general faculty for ideas that foster scholars through research and educational opportunities both locally and abroad.
- Identify the resources necessary
- Form a pilot grant writing committee to assess grants available and to provide guidance for those wishing to pursue grants.
- Work with the work-experience coordinator to set up local opportunities

### Long Term

- Set up faculty liaisons with study abroad programs
- Offer at least two study abroad programs per year through different disciplines
- Host other study abroad students here at SWOCC
- Write grants to get AmeriCorps volunteers here to help with service learning projects
- Advertise SWOCC's yearly study abroad programs.
- Track and assess the benefits and success of students who study abroad



## Goal 4

The College will expand and support Career and Technical Education (CTE) programs, courses and non-credit workforce training. CTE faculty, senate and the VPI will work together to achieve this goal. Committees such as curriculum, faculty professional development and instructional technology are sources of support. Effort will be made to have career and technical education faculty up to date with current industry standards. Evidence based trainings will be provided both within and outside the institution. Industry partners will be consulted. Tracking systems that provide feedback on retention and success rates will be developed.

### Short Term

- Develop a ten-year CTE program development plan that coincides with both the facilities master plan and the academic master plan.
- Seek adequate funding for CTE faculty professional, from first year experience to providing time and support for faculty to stay current in their industry.
- Facilitate cross-department cooperation about best practices in accreditation, program review, and outcomes assessment.

### Long Term

- Seek grants as a part of a strategic grant procurement system and other funding to support CTE programs.
- Develop interagency agreements with industry partners by facilitating robust advisory committees and supporting needs of community partners.
- Develop a system to track graduates and to engage with CTE alumni for the purposes of improving programs and providing students with a network across industries.
- Develop an Applied Baccalaureate degree in two CTE areas within the next five years.

## Goal 5

The College will support and encourage the growth of STEAM (Science, Technology Engineering Art and Mathematics) education. The College will encourage professional development among faculty that incorporates research topics in their respective fields. Interdisciplinary connectivity within credit courses and community outreach efforts will be made to support innovation in instruction. Collaboration between Southwestern and outside institutions (Colleges, universities, research, and community organizations) will be encouraged to provide faculty and students with opportunities in



STEAM projects.

### Short Term

- Develop a 10-year science and engineering program development plan that coincides with both the facilities master plan and the academic master plan.
- Seek grant and other funding to equip the lab space in the Umpqua Health Science and Technology Building with upgraded lab equipment and instrumentation.
- Foster academic and industrial partnerships between the College and community partners (educational outreach, internships, etc.)
- Continue to serve as a community research for science education through guest lecture series and other supported STEAM programs
- Foster collaborations between schools both locally and outside of Oregon to facilitate student and faculty research opportunities
- Encourage interdisciplinary collaborations to strengthen communications and interaction between disciplines.

### Long Term

- Seek grants as part of a strategic grant procurement system and other funding to support STEAM programs, research, and community outreach opportunities
- Develop a system to track graduates and to engage with STEAM program alumni for the purposes of improving programs and giving current students a network of contacts to aid with transfer and preparation for upper division research.
- Develop an Applied Baccalaureate degree in two STEAM areas within the next five years.





# Master Plan

## Guiding Principles





## Master Plan Guiding Principles

### Master Plan Framework

The Master Plan Guiding Principles were developed with input from the master plan advisory committee and reflect comments from campus open houses and on-line surveys. These principles are intended to create a framework for academic focus and community engagement that are supported by campus facilities and technology.





## Guiding Principles

### Reinforce Community Partnerships

- Improved facilities for Career and Technical Education Programs.
  - Nursing and Allied Health Professions
  - Fire Science
  - Advance Manufacturing
  - Oregon Coast Culinary Institute and Food Science
- Flexible Partnership Space - Newmark Building / Business Start-up Incubators.
- Community Recreation - replace turf fields.

### Academic Transfer

- Improve classrooms and science labs.
- Distance learning suite - Coos and Curry Campuses.

### Improve Student Experience

- Create Campus Commons.
- Dining Services - New Food Court.
- Consolidate Student Services.

### Improve Instructional Delivery

- Improve Classroom and Lab Utilization.
  - Larger and more flexible.
  - Updated and consistent technology.
- Create informal learning spaces

### Expand Use of Technology

- Increase use of distance learning.
- Innovation Center
  - Gaming Lab
  - Maker Spaces and Tech Help Center

### Strengthen Identity of Campuses

- College Branding
- Campus Entries
- General Campus Wayfinding

### Improve College Function

- Consolidate Student Services.
- Move and expand Facilities Operations.
- Expand Dining Services.

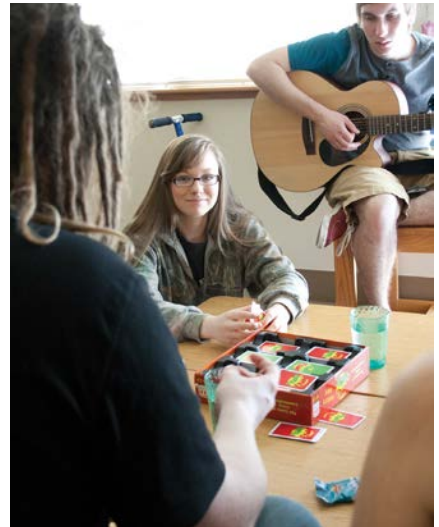
### Maintain Student Athletics

- Replace turf soccer field and resurface track.
- Prosper Hall Improvements - ADA access and replace bleachers (safety).
- Upgrade Baseball and Softball fields with turf.





# Utilization Analysis







## Utilization Analysis

### Introduction

The purpose of this study was to document the classroom and class laboratory physical assets on the Coos and Curry campuses and perform a utilization analysis to understand how classrooms and laboratories are being used and to use national studies and benchmarking data to compare SWOCC's utilization outcomes to published guidelines.

This analysis provides utilization results for classrooms and class laboratories at each of the SWOCC campus locations. The utilization of these rooms was examined using the fall term 2018 course file and verified facility inventory data. Understanding how efficiently classrooms and teaching laboratories are scheduled and utilized provides the foundation for and assists in the understanding and development of space guidelines. This analysis included scheduled classroom use for credit and noncredit courses and instructional activity as scheduled through SWOCC's course management software. This assessment approach provides a general overview of space utilization and possible areas of improvement.

## Classroom Use by Day / Hour

The following charts illustrate classroom use for credit and noncredit instruction for the fall 2016 semester. Each graph represents a different day of the week, with the outcomes averaged over the entire semester. Overall, ample classrooms are available in the mid-to-late afternoons for each day of the week. Friday use is nominal. Scheduled use on Saturday is minimal with rooms open for use at any time. No classrooms were scheduled for use on Sunday.

## Andragogy and Learning Environments

Technological advancements and recent changes in andragogy all place demands on physical space, especially classrooms. These demands can best be described based on the assignable square feet per student station (ASF/station). While there is still a need for lecture type rooms where seat count can be maximized, there is also an increasing need for rooms that can accommodate a variety of teaching methods and pedagogies. The following ASF/Station is noted for several classroom types:

**Traditional Classroom - Loose Seating:** 20 to 24 ASF/ Station with table and chair or adult size tablet arm chair configurations.

**Active Learning Classroom for Collaborative (group)**

**Methods:** 25 to 32 ASF/Station accommodates flexibility in furniture arrangements and group presentation systems.

**Seminar Classroom:** 26 to 28 ASF/Station where students typically face each other in a conference style or U-Shaped arrangement.

## Utilization Benchmarks

Three comparative benchmarks are used in this summary:

1. Average Weekly Room Hours
2. Percentage of seats occupied when a room is in use
3. Hours in Use Room Utilization

**Average Weekly Room Hours** is the number of hour each week that an instructional space is scheduled. National average for classrooms is 33 hrs and 20 hrs for laboratories.

**Percentage of seats occupied** when a room is in use. National average for classrooms is 65% and 70% for laboratories.

**Hours in Use Room Utilization** is the percentage of time that an instructional space is scheduled during the week. This compares the average weekly hours against the national average.

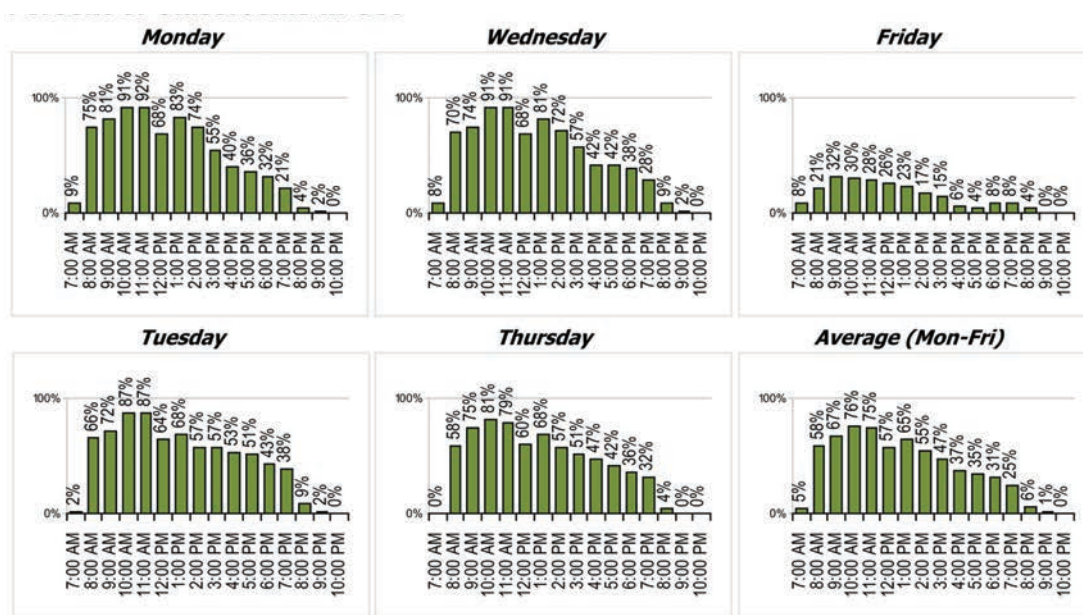


Figure 2. Percent of Classrooms in Use for Instruction



## Classroom Utilization Analysis Summary

The heaviest utilization of classrooms is between 9:00 AM and 2:00 PM, Monday through Thursday. Late afternoon use, especially after 3:00 PM is less substantial and provides opportunities to expand course offerings during this time block.

The classroom utilization analysis findings suggest the following actions:

- With an average of 17 weekly room hours on the Coos Campus and 11 weekly rooms hours on the Curry Campus, there is additional opportunity to increase the number of course sections in many of the existing classrooms without increasing the total number of classrooms;
- Even with a potential increase in on-campus enrollments, classroom resources will be adequate over the master plan period. The demand for classrooms will be less restricted if tighter utilization guidelines were developed and implemented a part of broader space management system;
- At 55% student station occupancy on the Coos Campus and 38% on the Curry Campus, there is significant ability to increase the number of students in existing course sections moving forward;
- With a low assignable area per station on the both campuses, multiple existing classrooms could be repurposed into active learning spaces with modern furnishings to reflect contemporary pedagogical trends. In some cases, the number of stations would need to be reduced to accommodate future renovations for active learning.

## Teaching Lab Utilization Analysis Summary

With the exception of a few class laboratories, weekly room hour utilization was slightly lower than most established guidelines, suggesting that it would not be difficult to add additional course sections into many of the existing laboratories. With the exception of a few labs, student station occupancy was lower than typical guidelines, indicating some additional enrollment capacity in existing course sections is possible. Again, some labs have more capacity than others to accommodate additional enrollment. The activity in the laboratory and suggested faculty-to-student ratios or course size limits also need to be considered in determining the need for additional laboratories.

## Conclusion

This utilization analysis indicates that the majority on instructional spaces are currently underutilized. Classrooms and labs require improvements to support a more flexible and dynamic teaching pedagogy. The renovation of Umpqua Hall on the Coos Campus will provide new classrooms (2), science labs (5), Nursing and EMS Labs, improving utilization and give faculty and student state-of-the-art instructional spaces. Over the next ten years, the focus for both campuses should be on the renovation of existing spaces to improve their size, flexibility and use of technology.



Classroom Utilization			
	Avg Weekly Room Hrs	Seat Occupancy Rate	Room Utilization (Weekly Hrs)
Coos Campus	17	55%	53%
Curry Campus	11	38%	34%
<b>National Average</b>	<b>32</b>	<b>65%</b>	<b>100%</b>

Figure 3. Classroom Utilization

Teaching Lab Utilization			
	Avg Weekly Room Hrs	Seat Occupancy Rate	Room Utilization (Weekly Hrs)
Coos Campus	16	70%	80%
Curry Campus	8	54%	40%
<b>National Average</b>	<b>20</b>	<b>70%</b>	<b>100%</b>

Figure 4. Teaching Lab Utilization



# Technology







## Technology

### SWOCC Technology Plan

The purpose of this technology plan is to align the application of technology to the College's Mission, Vision, Values and Objectives. The technology plan addresses how technology resources will be implemented to further the mission of the College and improve institutional effectiveness by specifying the guiding values and principles for how technology should be created, managed and supported. These values and principles will serve as the foundation of any technology implementation, and will guide discussions on the suitability of future technology action plans.







## College Values and Principles

### SWOCC Mission Statement

Southwestern Oregon Community College supports student achievement by providing access to lifelong learning and community engagement in a sustainable manner.

### SWOCC Vision Statement

Southwestern Oregon Community College supports student achievement by providing access to lifelong learning and community engagement in a sustainable manner.

### SWOCC Core Values

**Community** – Build collegiality by providing a welcoming and supportive atmosphere with respect for diversity.

**Learning** – Filter every decision, activity, and function through the lens of learning.

**Innovation** – Empower creative, progressive thinking that results in a sustainable, positive change.

**Professionalism** – Present ourselves with honesty and integrity working together to achieve our goals.  
**Stewardship** – Sustainably manage our environment and fiscal resources to support our staff, students, and community.

## SWOCC Core Themes and Objectives

### Learning and Achievement

1. Students demonstrate progress
2. Students complete certificates, degrees, and transfer
3. Students demonstrate that they have met learning outcomes

### Access

1. Students access varied learning opportunities
2. Students access services that support learning
3. Students access relevant curricula that support lifelong learning and achievement

### Community Engagement

1. Southwestern serves our communities by providing quality training and business development to address the changing community workforce needs
2. Southwestern provides our community members access to a wide range of quality, lifelong learning activities
3. Our community members participate and contribute to the College

### Sustainability

1. Southwestern provides responsible fiscal management
2. Southwestern builds and maintains a sustainable infrastructure of human, technology, and facility resources
3. Southwestern delivers viable quality instruction

### Integrated Technology Services Mission

To support the college mission and Strategic Plan for Integrated Technology Services by developing, coordinating, and supporting the use of technology to enhance learning opportunities



## Planning Framework

The SWOCC Technology Plan is focused on information and instructional technology resources that have a broad application across the College. The rapid changes in the technology landscape and the variability of state funding, influence the direction that technology at SWOCC will follow. The technology objectives of the College need to be aligned with institutional priorities, and the technology planning process of the College needs to ensure a high level of inclusion and interaction.

## Planning Process

High level decisions on the movement in the college's information technology services direction are formed using input from College groups, councils, and committees. These decisions are formalized when added or retracted from a current strategic plan or when adopted in a new strategic plan.

## Implementation

Once a decision is formalized in a technology plan, the Chief Information Officer will request funds through the college budgetary process. When sufficient funds are made available, the Executive team will direct the Chief Information officer to move forward on implementing the decision.

### Current Plans:

- Computer replacement plan
- Server replacement plan
- Network replacement plan
- Strategic projects plan

### Current State

A large majority of the college's technology resources (human and budget) go toward maintaining what we currently have. We are working toward compliance in laws and regulations regarding technology and data. A focus on security is a big part of being compliant and protecting the college. We want to improve technology in order to be ready for more diverse students expected in the future.

### Compliance:

- Design missing policies needed for GLBA, PCI, FERPA, GDPR
- Establish data governance as a college wide responsibility

### Security:

- Add internal firewalls between subnets
- Restructure server infrastructure to isolate data away from end users
- Upgrade or replace older less secure servers and software
- Update password policies
- End user education

### User experience:

- Website redesign
- myLakerLink redesign
- Drive to EXi (Application for admissions, Advising, Places and Spaces, Events Management)
- Classroom upgrades (Zoom rooms, laser projectors, microphone arrays)









# Sustainability







## Sustainability at SWOCC

Prior to 2010 the College had several initiatives occur campus wide related directly to sustainability. These include normal recycling of paper, glass, cardboard, paper products etc., energy conservation with motion sensor lights both inside and outside, and waste reductions efforts campus wide such as compactors installed. Student Housing continued to track electrical and water usage to encourage students to reduce their usage. Efforts such as motion sensor light detectors were installed during new phases of Student Housing construction. Energy surcharge for utility usage were implemented to reduce consumption and waste along with waste recycling efforts. In 2010 the College took advantage of Go Oregon funding and upgraded parking lot and campus walkway lighting, added solar tubes to Sitkum and Randolph Halls, and upgraded numerous campus drinking fountains with water bottle filling stations.

In 2010-2011 the college began to formalize its campus sustainability efforts with a Sustainability Committee including strategic planning. A waste consultant was contracted to assess waste and energy usage on campus and develop a campus wide plan to manage waste more efficiently environmentally. A formalized recycling program was implemented campus wide. Recycling station placement occurred campus wide for cans/bottles, clean paper, and non-recyclable food waste. Student Housing installed recycling containers in every apartment to reduce solid waste disposal

that saved both money and amount of waste to the landfill. Student education occurred at various levels to promote sustainability behavior. A composting program was implemented in both Dining Services and at Oregon Coast Culinary Institute (OCCI) that was met with success for several years. Other initiatives include a SWOCC calendar and website that advertised sustainability events and opportunities, yearly community engagement like Earth Day participation, development of a community and OCCI garden, and water fountains began getting replaced with water bottle refill stations.

In and around this same period of time the College began to engage Energy Trust of Oregon with its incentive program. Upgrading the fluorescent lighting fixtures was the major focus as well as boiler and HVAC systems. In 2015 Student Housing had all incandescent light bulbs changed out and replace with compact florescent bulbs. All sinks and shower heads were replaced with water saving fixtures working with Energy Trust.

In 2017, SWOCC began the design for the renovation and expansion of Umpqua Hall to create the new home for its nursing and science programs, which will be open for students in the Fall of 2020. The College worked closely with Energy Trust of Oregon (ETO) and its Design Team to create a facility that

will be naturally ventilated, taking advantage of the moderate climate of the Southern Oregon Coast. The renovation will also implement energy saving measures with LED lighting and lighting control, energy modelling sponsored by ETO to maximize building envelope performance, and solar photovoltaic panels on the roof to offset building energy use.

Most recently, SWOCC has engaged with Johnson Controls Inc. to conduct a campus wide energy audit, which resulted in a phased program for the replacement of aging building mechanical units and lighting upgrades. The mechanical unit replacement will be the beginning of a campus transition from electrical power source to natural gas for heating and air conditioning. Similarly, the lighting upgrades will replace incandescent and fluorescent fixtures with state of the art LED fixtures. Also, in addition to solar photovoltaic panels on the Umpqua roof, panels will be place on the roof of the Student Recreation Center. All measures will result in significant energy and cost savings for the College.







# Facility Assessment





## Facility Assessment

Southwestern Oregon Community College entered into a contract with Dude Solutions whom is partnered with ALPHA Facilities Solutions, LLC (ALPHA) to provide facility condition assessment and implementation services for Capital Forecast (CF), School Dude's Cloud-based capital planning solution used to forecast facility needs and justify funding requirements. The project was completed by a team consisting of engineers, architects, and construction professionals. Data collected during the Facility Condition Assessment phase of the project was input into CF in order to estimate current and future funding requirements for facility sustainment. This predictive approach to asset management is known as Capital Planning and is used to anticipate funding and maintenance needs many years into the future.

The scope of work included the following:

1. Identify and document current and forecasted conditions of approximately 300,000 square feet of facilities.
2. Identify and document current site infrastructure needs.
3. Identify and document remaining service life of major building systems to include envelope; architectural finishes; roofs; electrical; plumbing; and heating, ventilation, and air conditioning (HVAC).
4. Provide Rough Order of Magnitude (ROM) cost estimates for building system renewal and site infrastructure repairs.
5. Forecast facility renewal requirements based on lifecycle analysis of existing systems over the span of the next 20 years for each facility.
6. Provide a Facility Condition Index (FCI) measurement to illustrate the relative condition of all facilities.
7. Input the following information into the CF software:
  - a. Facility condition information
  - b. Current site infrastructure needs

Summary of Assessment Findings							
Campus Name	Age (YRS)	Area (SF)	Total Needs 2017	Current Replacement Value	2017 FCI %	Total Needs 2022	2022 FCI %
Coos Campus	11 - 55	267,752	\$11,254,442	20	\$17,206,213		31
Curry Campus	6	24,920	\$0	\$4,911,672	0	\$164,767	3
Site Infrastructure			\$1,421,140			\$1,421,140	
Total			\$12,675,582	\$60,116,671		\$18,792,120	

Figure 5. Facility Description: Summary of Findings

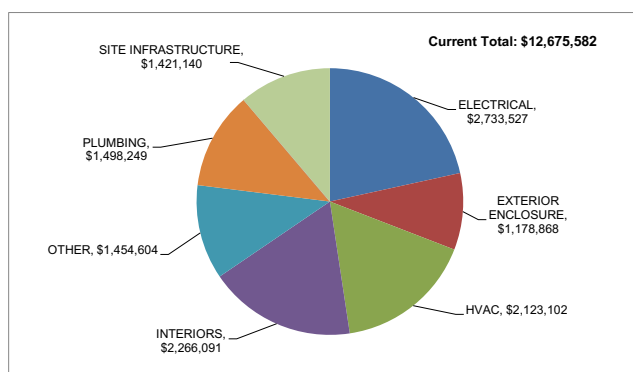


Figure 6. Current Needs

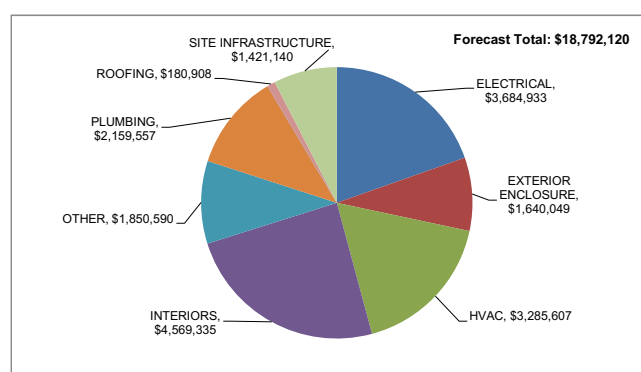


Figure 7. Forecasted Needs - 2022

## Overview of Findings

The Facility Condition Assessment and Capital Forecast implementation project included 18 permanent facilities totaling approximately 300,000 square feet. The assessment team made the following general observations:

1. Routine maintenance activities appear to be being conducted in an effective manner. Several upgrades to the HVAC and electrical systems were performed in the last 10 years and most systems are in good working order. A few individual pieces of equipment will need to be closely monitored due to the fact that they are beyond their expected useful life.
2. Many mechanical rooms are being used for storage of furniture and other miscellaneous items, and in some cases, blocking access to HVAC and electrical equipment.
3. Federal Pacific panels are obsolete and have a history of faulty breakers resulting in an over current and fire hazard.
4. Some lighting upgrades were performed but most of the building use outdated fluorescent light fixtures.
5. The fire protection systems were all current on their inspections, although a couple of the alarm panels were approaching the end of their useful life and should be considered for replacement due to life safety concerns.
6. Too often, exhaust fans are ignored until malfunction occurs. Residues can build up and cause the system to slow down. Slowdown may be a gradual process, not noticeable at first. This can be serious and result in illness and even liability issues.
7. Some of the bigger air handling units have reached the end of their useful life, and while they are still functional, their replacement should be scheduled to avoid major failure that can affect the building's performance.
8. Most of the flooring and ceiling systems were in overall fair condition, however in many locations, floor coverings and ceiling finishes were in poor condition and should be replaced. Flooring system life cycles may vary from BOMA' standard of 12 years due to the high volume of pedestrian traffic in college facilities.
9. The roofing systems were generally in good condition throughout the college; however, there were a few roofs that were observed or reported to be leaking or had organic growth, some had some roof drains clogged. These locations should be addressed immediately before more systems are affected as a result of leaking roofs.
10. Emergency exit signs were observed and working as intended.
11. Trip hazards were observed at a few locations where concrete sidewalks are separating and heaving at the expansion joints.
12. Deteriorating handrails were observed at a few locations. Routine maintenance of re-painting will extend their overall life.
13. Asphalt pavements were generally in poor to fair condition. Pavements are showing signs of damage. Resurfacing and a more extensive seal coating program will extend useful life of pavements and reduce the necessity of reconstruction.



# COOS Campus Analysis





## COOS Campus Analysis

Current Facilities		
Building Name	Year Built	Area (sf)
Randolph Hall	1964	12,836
Coaledo Hall	1965	9,800
Dellwood Hall	1965	9,375
Sitkum Hall	1965	10,240
Prosper Hall	1967	25,835
Tioga Hall	1969	56,144
B-2	1977	1,800
Eden Hall	1982	9,111
Fairview Hall	1982	15,400
Lampa Hall	1982	3,760
Sumner Hall	1982	8,440
Sunset Hall	1982	6,840
Stensland Hall	1995	14,041
Family Center	1997	5,798
Empire Hall	2001	21,890
OCCI	2005	17,127
Recreation Center	2006	39,314

Current Housing	
Student Housing	Year Built
Phase I	1997
Phase II	1999
Phase III	2002
Phase VI	2006

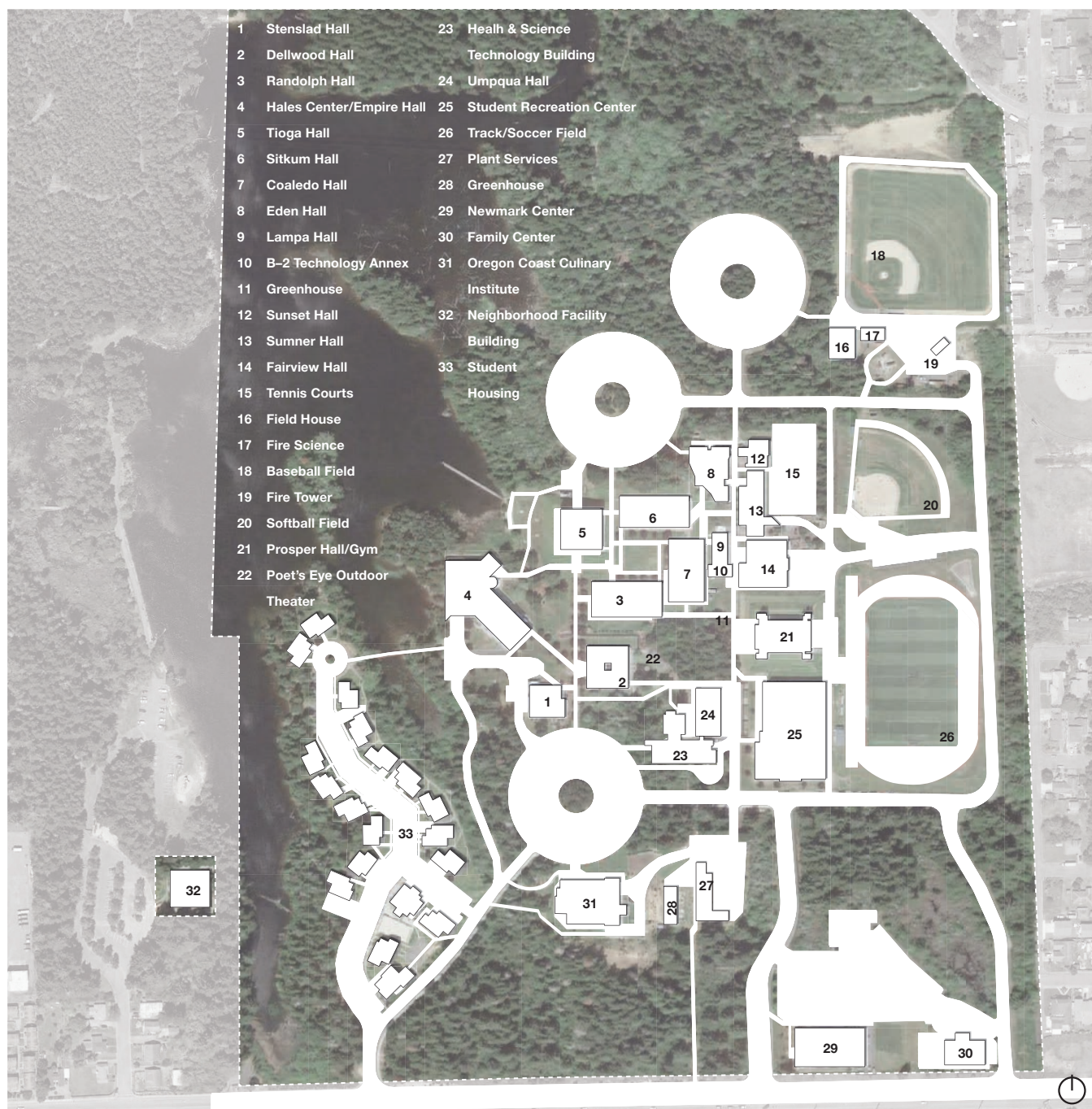
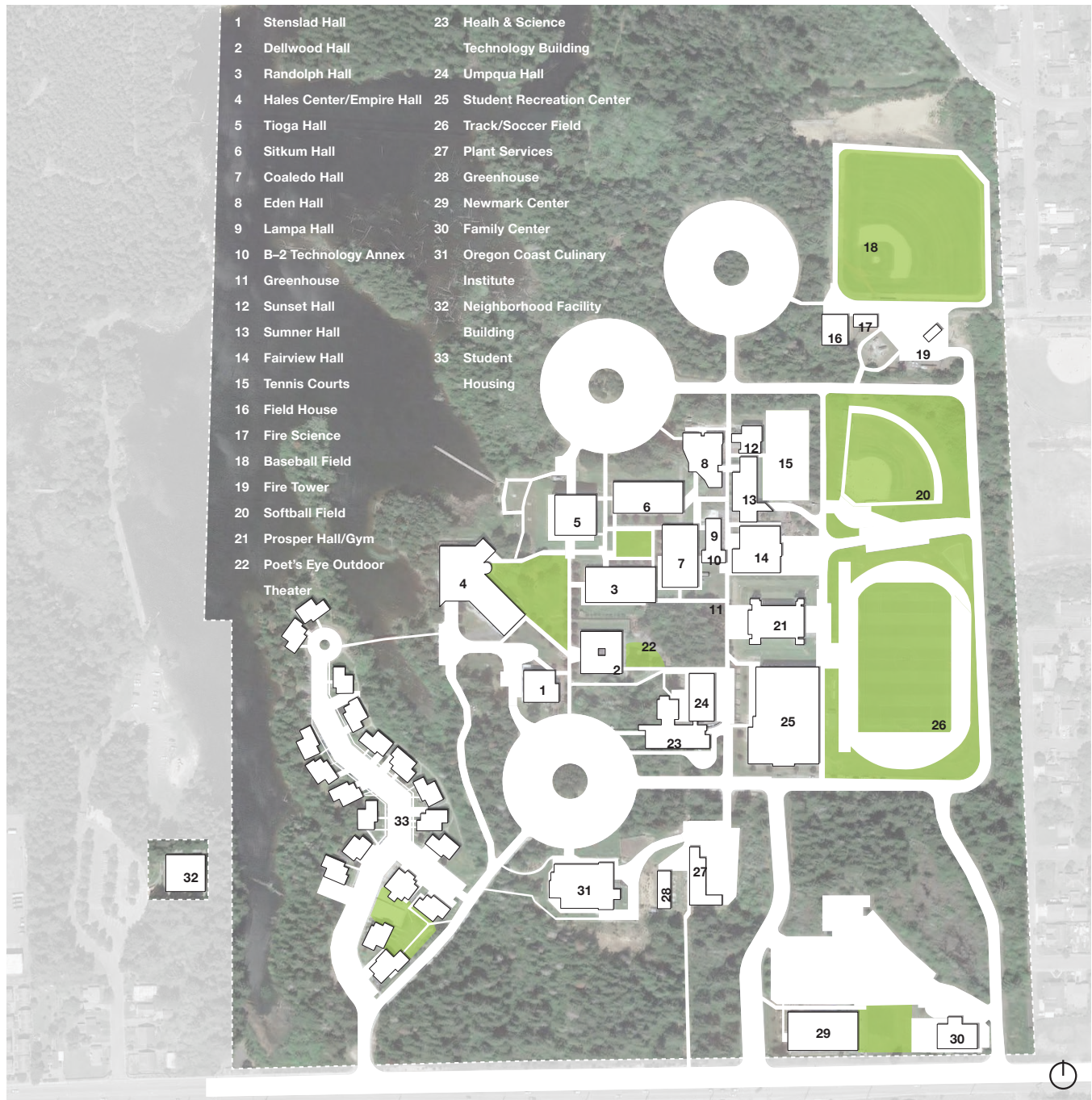


Figure 8. Coos Campus Current Facilities

Existing Buildings







## Current Open Space

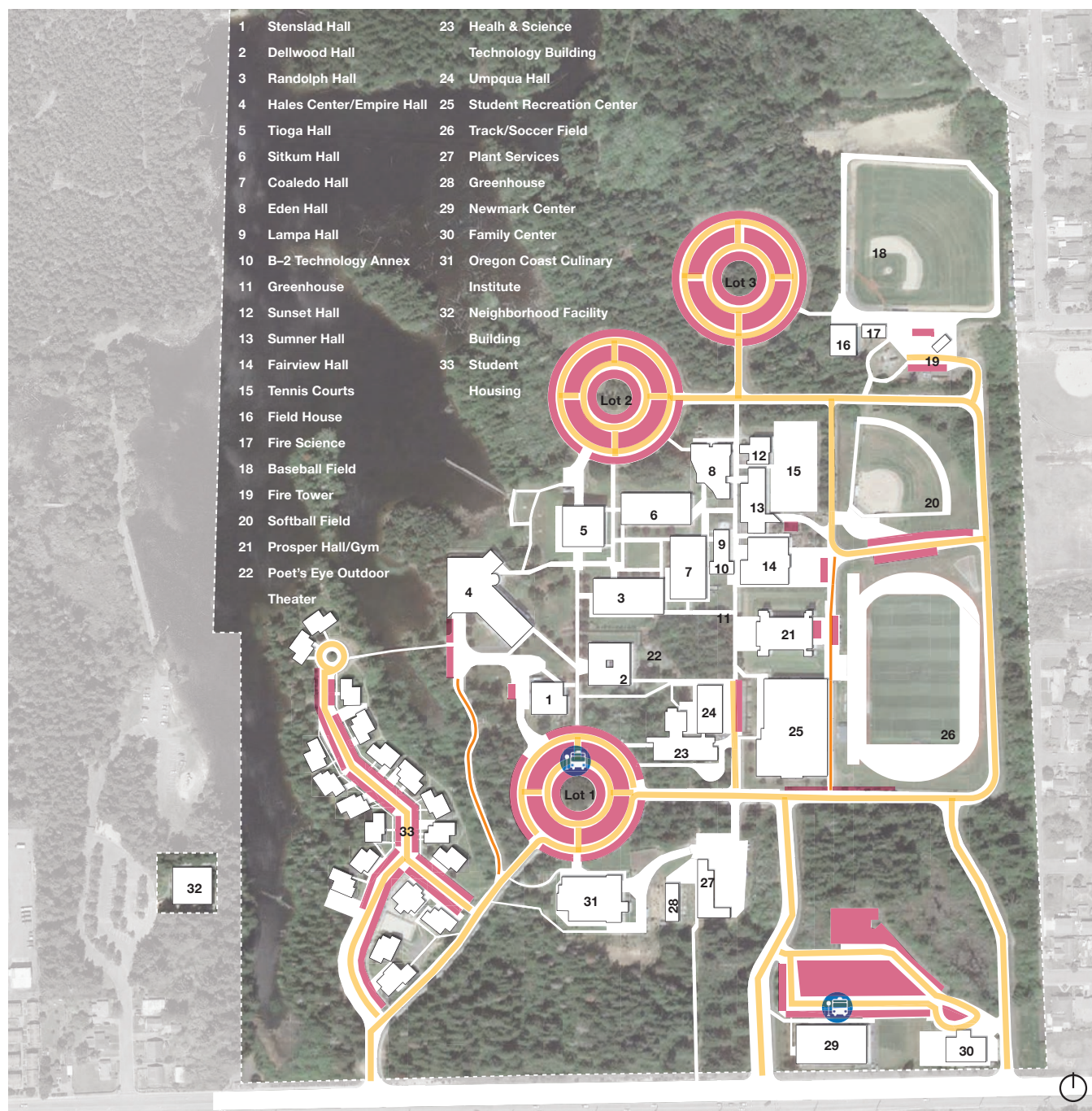
Open spaces on the SWOCC Campus are a mixture of traditional campus quadrangles from the initial SOM campus plan and more recent open landscape areas round Empire Hall and adjacent to Empire Lake. The most unique outdoor space is the “Poets Eye” on the east side of Dellwood Hall, a water feature that is connected to the campus storm water canal system. The athletic fields also provide significant student and community recreation opportunity and are heavily utilized by SWOCC’s student athletes.

Figure 9. Current Open Space

Existing Buildings  
Open Space



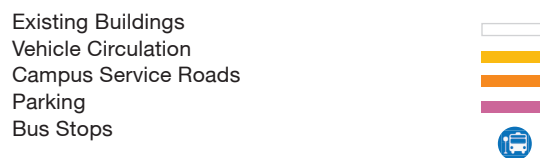




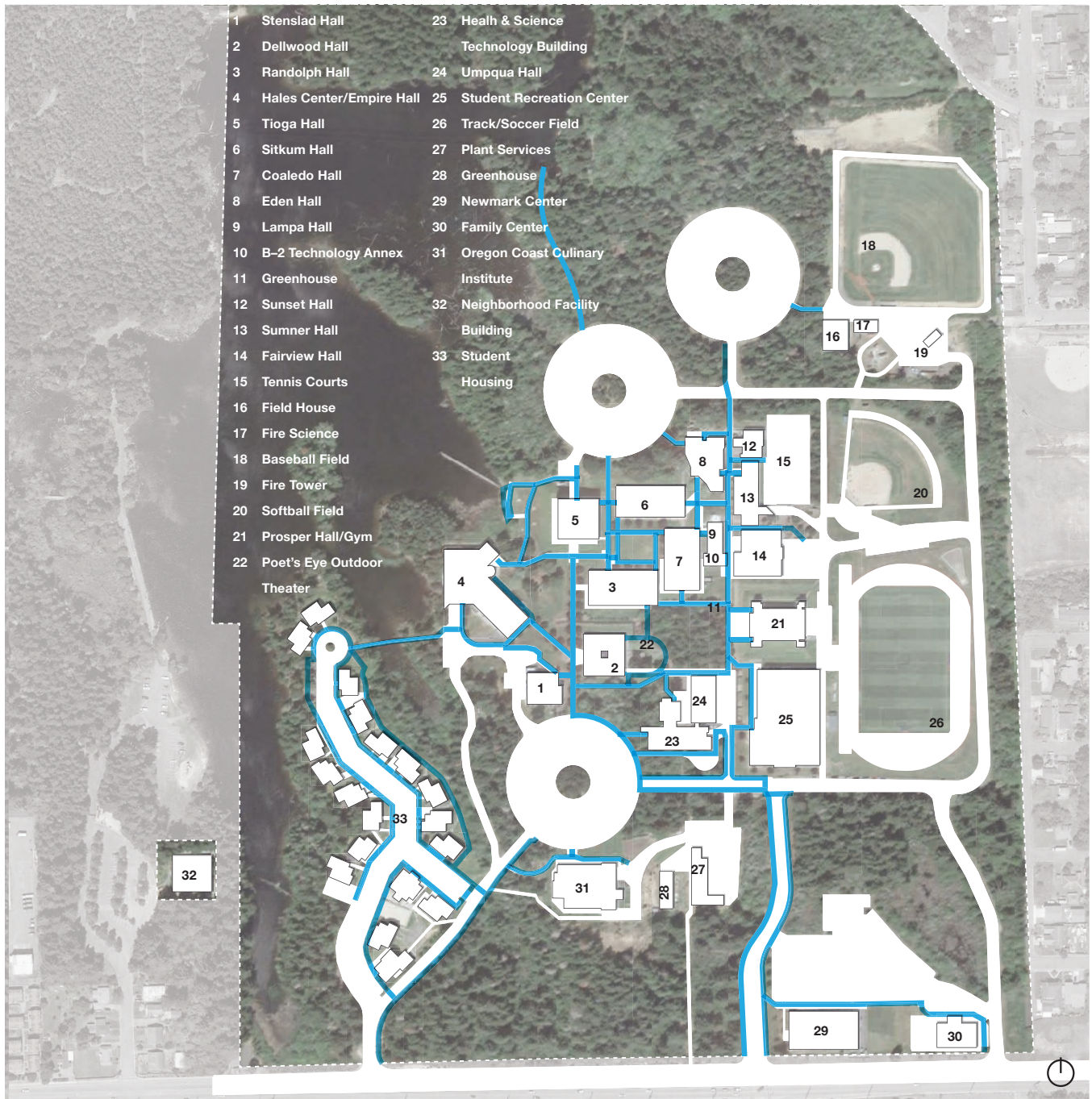
## Current Parking & Vehicular Circulation

Vehicular circulation on campus is a collection of private roads providing primary access to campus from Newmark Avenue and connecting the circular parking lots. College Way loops around campus and provides access to the athletic fields and the north end of campus. Student Housing has its own entrance from Newmark Avenue, and connects to Parking Lot 1 via West College Way. The campus also has a collection of service drives for service vehicles that are shared with pedestrians.

Figure 10. Current Parking & Vehicular Circulation







## Current Pedestrian Circulation

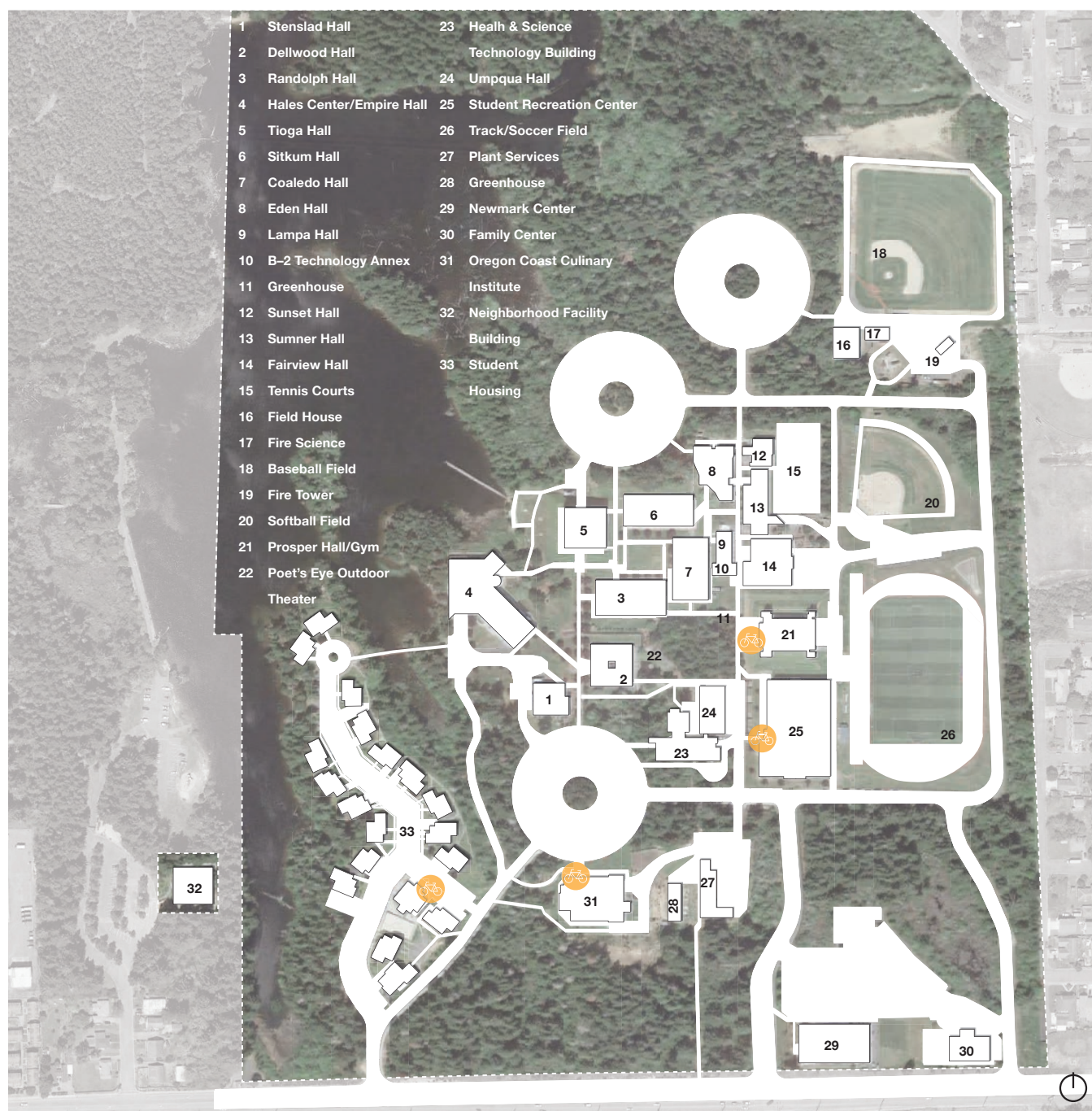
Pedestrian navigation of the SWOCC campus is vital to daily academic life. The network of walks and pathways provide connectivity between buildings, social areas and parking facilities. A significant number of buildings have covered outdoor walkways integrated into their design, providing year around weather protection.

Figure 11. Current Pedestrian Circulation

Existing Buildings  
Pedestrian Circulation







## Current Bicycle Parking & Circulation

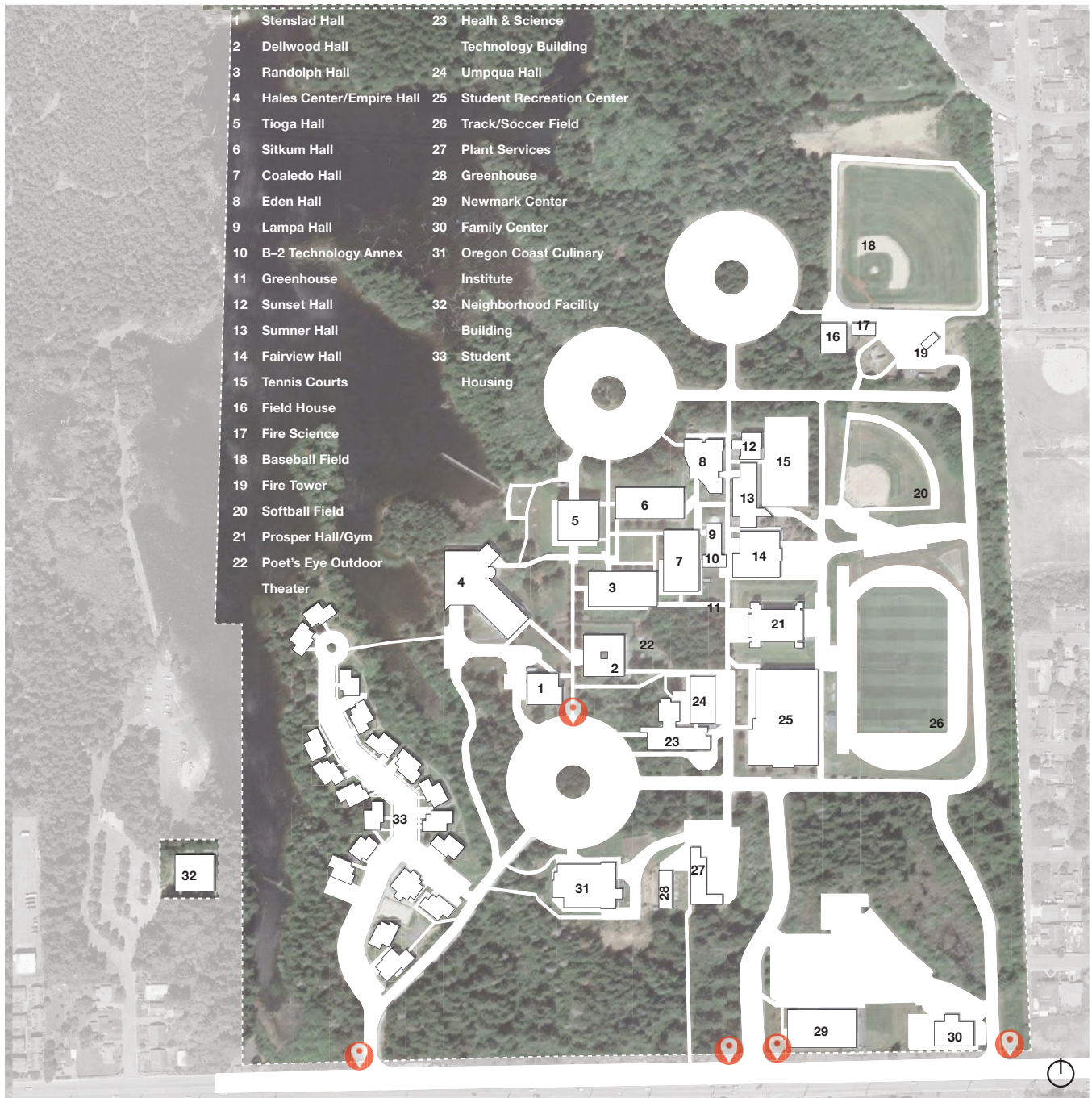
Current locations for bicycle parking exist at the Lighthouse Depot (student housing offices), the Student Recreation Center, Prosper Hall and at the entry to the Oregon Coast Culinary Center (OCCI). Each location has a single bike rack that can accommodate 2-4 bikes.

Figure 12. Current Bicycle Parking & Circulation

Existing Buildings  
Bicycle Parking







## Current Wayfinding & Signage

Campus navigation is easily accomplished due to its scale and close proximity of building. The campus has basic building signage and directional signage at significant intersections. A common style of signage has been adopted, but is viewed as dated and in need of improved graphics. The main campus entries on Newmark Avenue lack a significant presence on this major arterial. Visitor are challenged to locate campus, crating lost opportunities for the College and its programs.

Figure 13. Current Wayfinding & Signage

Existing Buildings  
Wayfinding



# COOS Campus Master Plan Concepts







# Coos Campus 10 Year Master Plan

## Near Term

In 2020, the Coos Campus will open its first new facility in the past ten years – Umpqua Hall Renovation. This facility will provide new science labs, an indoor lab for the Emergency Medical Services program, and a state-of-the-arts nursing simulation lab. The utilization analysis shows the campus has adequate classroom and lab space for current and future growth, so the focus for the next ten years will be to renovate existing spaces to support more flexible learning environments and repurpose spaces vacated by programs that moved to new facilities. These upgraded spaces will support academic transfer and CTE focused programs.

Space vacated by the science and nursing programs in Coaledo and Sumner Halls will provide available space to be renovated for the Health Professions, Fire Science, and Food Science programs. Recently renovated space in the Newmark Center will provide flexible partnership space for small business start-ups. Outdoor space on campus will be improved with the replacement of the turf athletic fields and the creation of a walk/jog path on the perimeter of campus.

## Far Term

Moving beyond the next five years, SWOCC will focus their campus improvements on the creation of a Campus Center in Tioga Hall and the consolidation of student services in Stensland Hall. To accomplish this, the library will be moved from Tioga Hall to Dellwood Hall, backfilling space vacated by student services. Additional renovations are planned to improve campus food service, manufacturing and machining, and early childhood programs. A new facilities operation compound will also be created on the north end of campus, providing an opportunity for a new facility in its current location adjacent OCCI. Campus open space will be enhanced with the removal of the “mound” on the east side of Dellwood Hall and the creation of a new campus quadrangle adjacent the Poet’s Eye.

# Facility Expansion & Improvements

## Near Term 5 Years

- (A) Umpqua Hall Renovation**
  - New Science Labs
  - New nursing lab and classrooms
  - New EMS Lab
- (B) Student Recreation Center**
  - Solar Photovoltaic Panels
- (C) Renovate Sumner Hall**
  - New instructional space for Health Career Professions (Dental Assist, Dental Hygiene, and Med Lab Assistant) and Fire Science.
  - General Purpose Classrooms and Informal Learning Spaces
- (D) Renovate Coaledo Hall**
  - New instructional space for Food Science and Fermentation Lab
  - General Purpose Classrooms and Informal Learning Spaces
- (E) Renovate Newmark Center**
  - Flexible Partnership Space and Start-up Business Incubator Space

## Far Term 5-15 Years

- (F) Renovate Tioga Hall**
  - Create Campus Commons on Level 2 – Coffee Shop and Informal Learning Spaces
  - New “Innovation Center” on Level 4 – Gaming Lab, Maker Space, Distance Learning, Help Center
  - Bookstore will move from Stensland and be located on Level 1
- (G) Renovate Stensland**
  - Student Services Consolidation – Move First Stop, Financial Aid and Veteran Services from Dellwood
  - Testing and Counselling to remain in Stensland
  - Business Office will move from Dellwood
- (H) Renovate Dellwood Hall**
  - Business Office, Library, General Instructional Space
- (I) Renovate/Addition to Oregon Coast Culinary Institute**
  - New Dining Lab / Event Space
- (J) New Facilities Operations Compound**
  - Office and Maintenance Building, Equipment and Material Storage
- (K) Renovate Fairview Hall**
  - Advanced Manufacturing and Machining
- (L) Renovate Empire Hall**
  - Dining Services Expansion - New Food Court and Kitchen
- (M) Renovate Prosper Hall**
  - ADA Improvements and replace bleachers (safety)
- (N) Undeveloped Property – New Facility to support Partnership Opportunities**
  - Food Carts and OCCI Partnership
  - Mixed use commercial and housing. Possibly faculty housing.
  - Hospitality – small hotel and restaurant
- (O) Renovate and Expand Family Center**
  - Early Childhood Program and daycare growth - both building and playground expansion.
- (P) Campus Cultural Center**
- (Q) Student Housing Expansion**
- (R) Fire Tower Replacement**
- (S) Partnership- Fire Station**

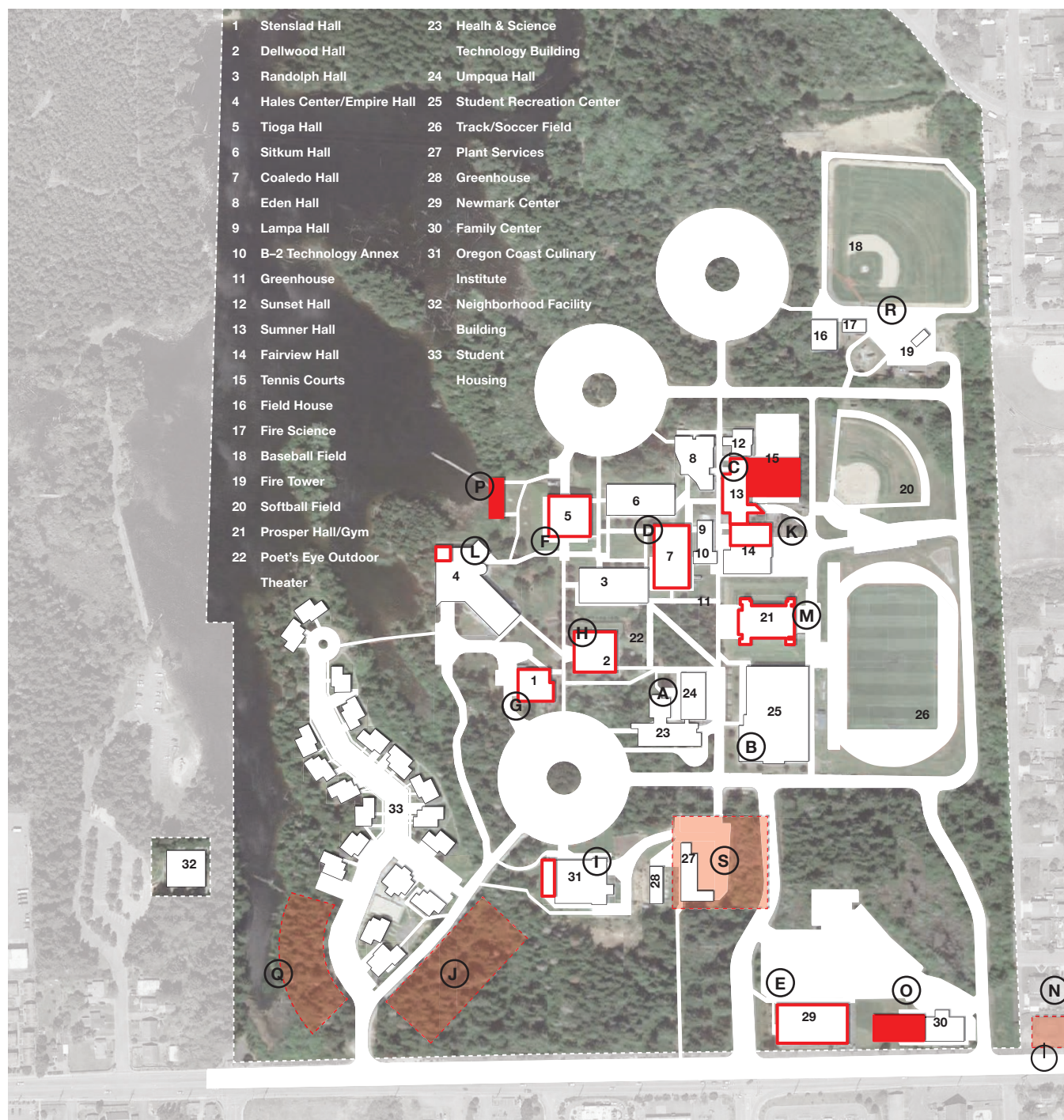
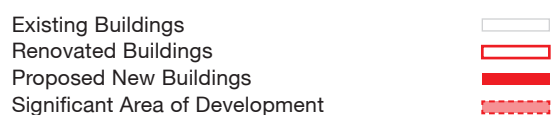


Figure 14. Facility Expansion & Improvements





# Open Space Improvements

## Open Space Improvements

- Ⓐ **Upgrade baseball and softball to turf fields**
  - Turf fields are desired to reduce annual upkeep expenditure and provide the ability to practice year around. The turf fields would also allow SWOCC to share their use with the community due to increased durability of turf over grass.
- Ⓑ **New Quadrangle**
  - The “mound” has been a significant physical and visual barrier on campus for decades. Removal of the mound and the creation of a new campus quadrangle will improve connectivity between the south and north portions of campus.
- Ⓒ **Family Center Playground Expansion**
  - The Family Center is proposed for expansion to better serve the growing needs of the program, which will also include the outdoor playground for capacity and safety.
- Ⓓ **Campus Lighting**
  - To improve campus safety, building and circulation lighting will be improved.

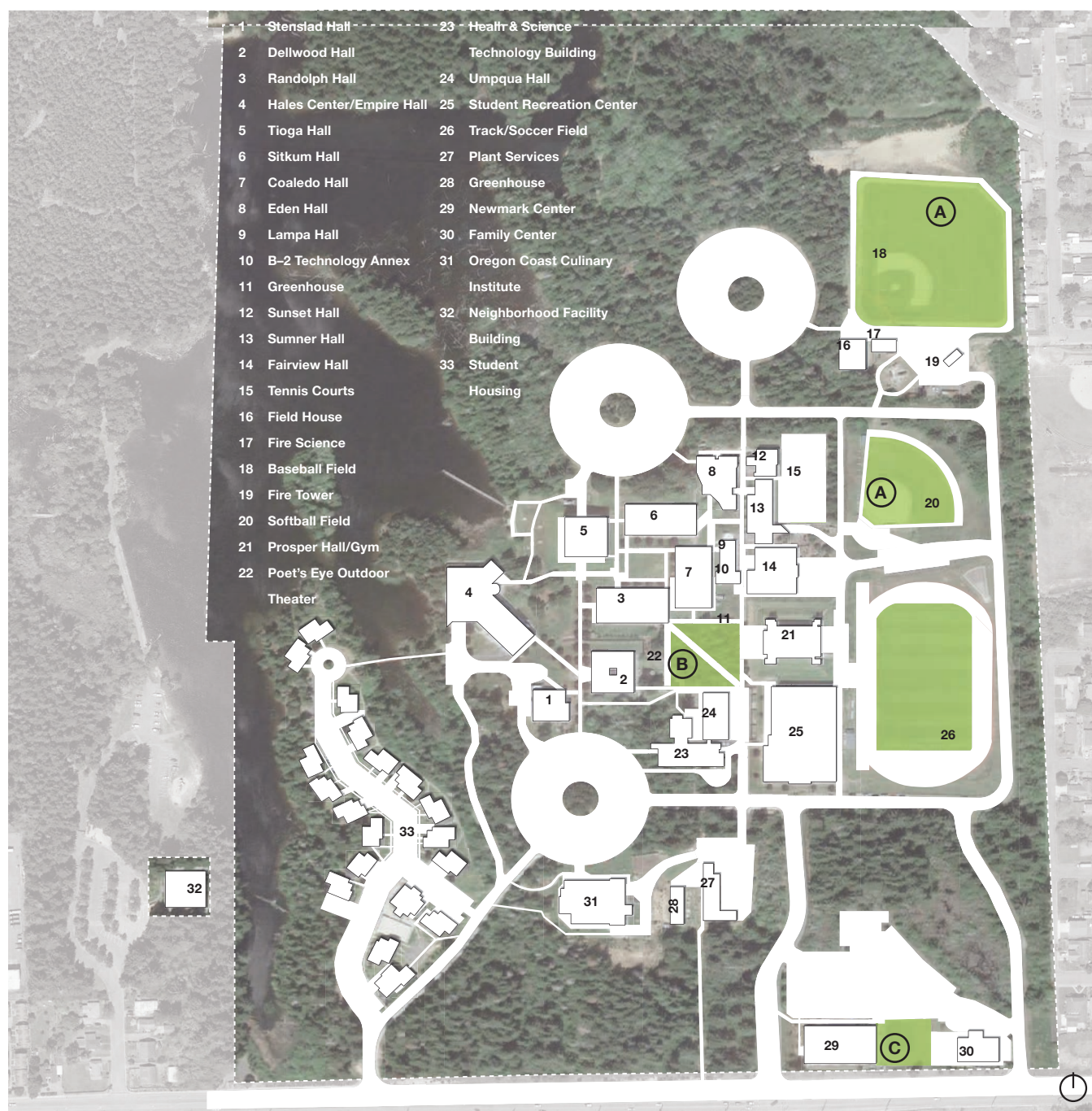
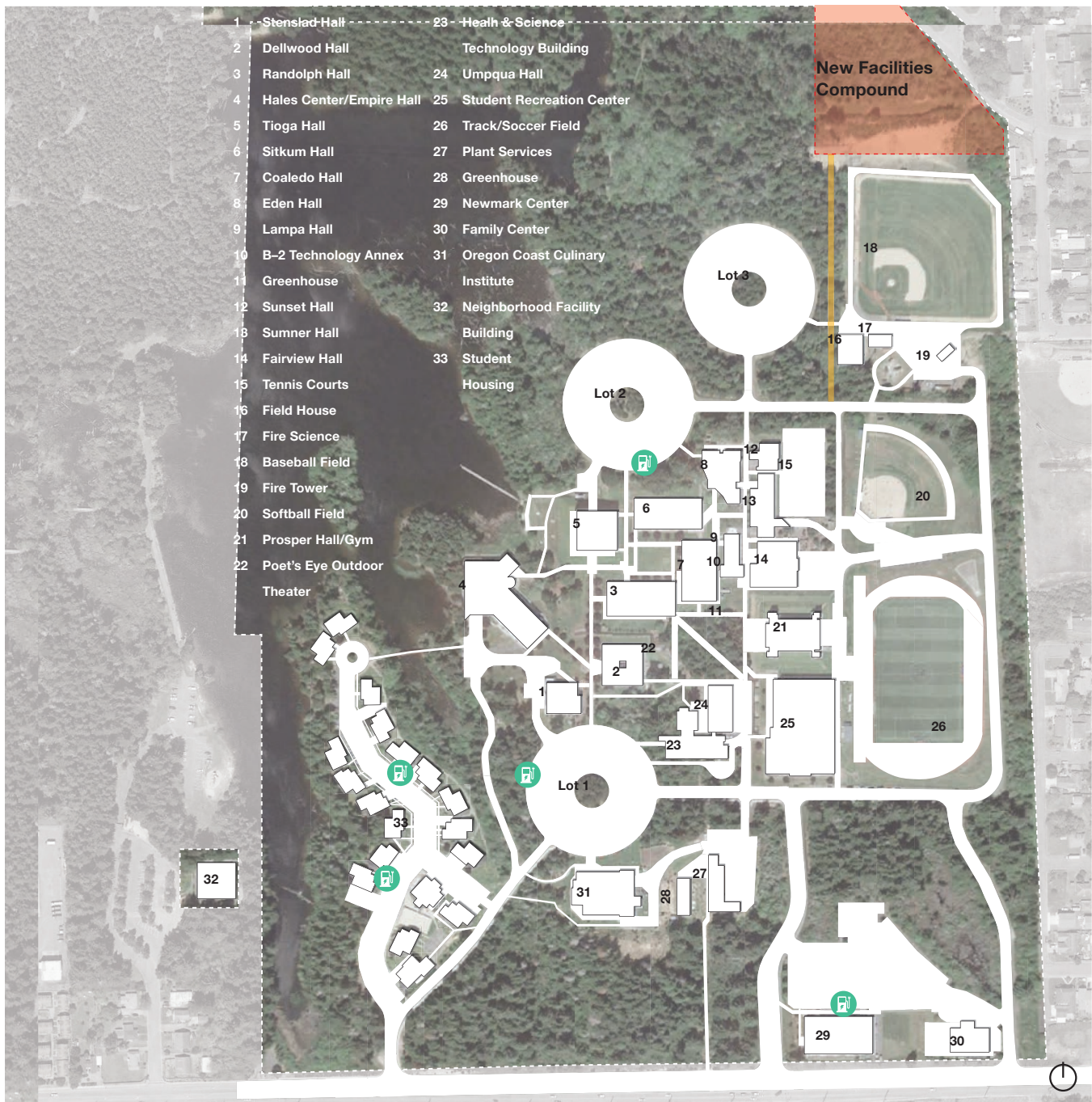


Figure 15. Open Space Improvements

Existing Buildings  
Open Space Improvements







## Parking & Vehicular Circulation Improvements

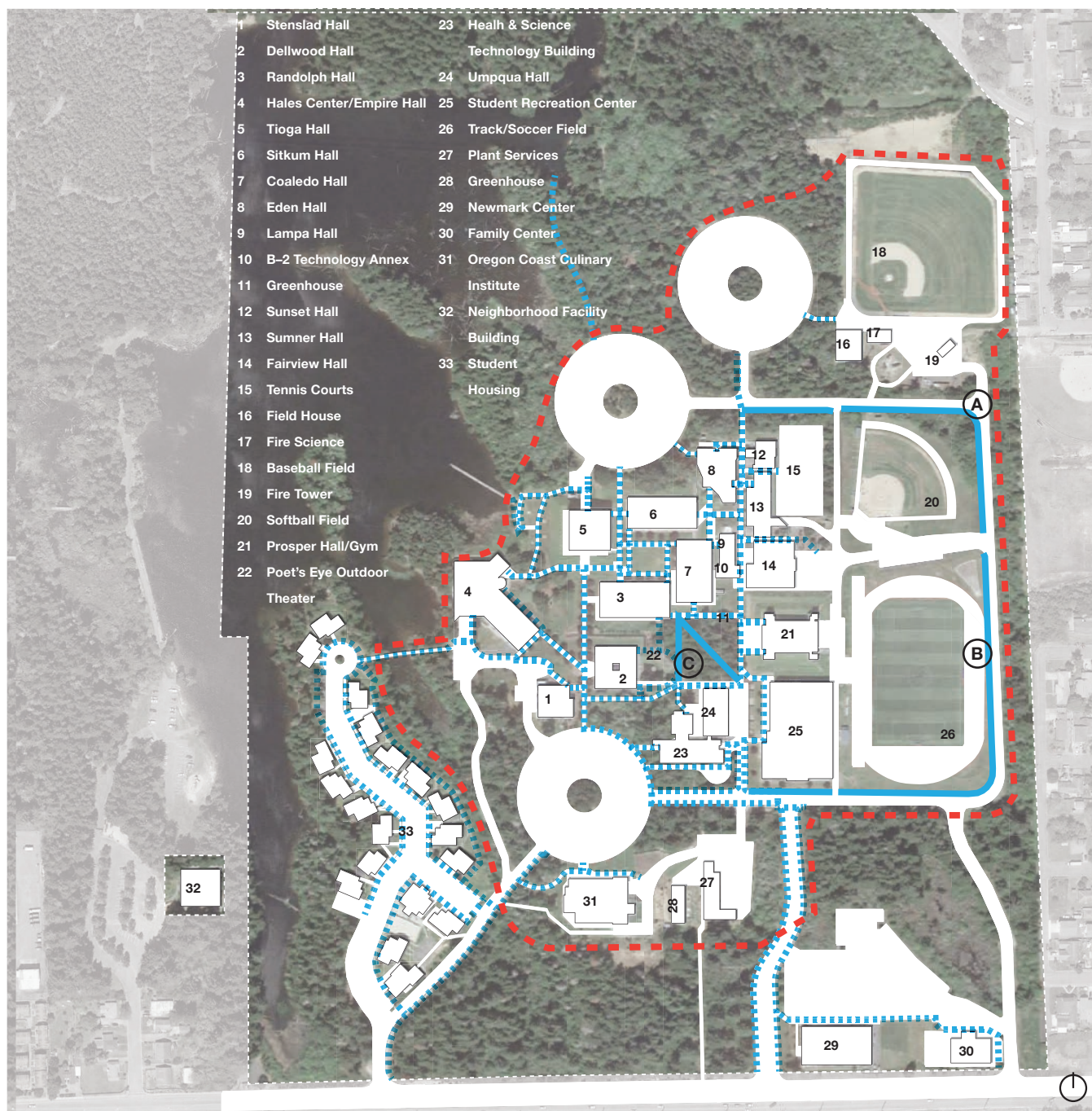
When the Facilities Compound is moved to the north end of campus, a new service access road will be required to facilitate delivery of campus materials. The compound will also contain parking for college vehicles and facilities staff. To support sustainable transportation, electric car charging station will be added at Parking Lots 1 and 2, the Newmark Center, and student housing.

Figure 16. Parking & Vehicular Improvements

Existing Buildings







## Pedestrian Circulation Improvements

### (A) Walking Trail

- A walking trail around the campus would provide recreation for the campus and its community. It could also allow SWOCC to host college and high school cross country running events.

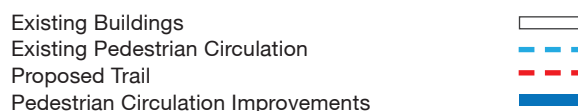
### (B) College Way Sidewalks

- Sidewalks on College Way around the recreation fields will improve pedestrian safety and public access to the fields.

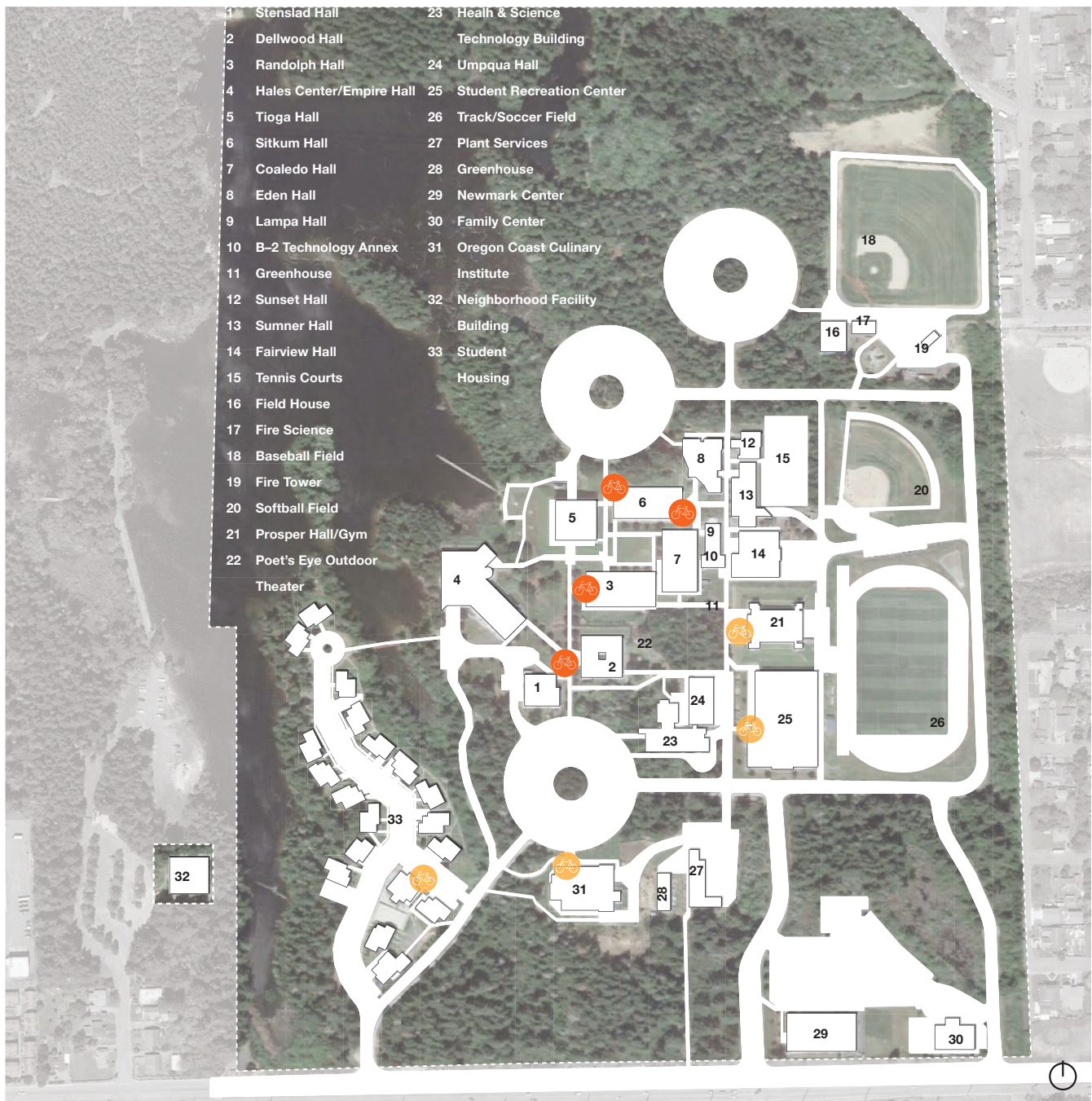
### (C) South Quad

- With the removal of the “mound” and the creation of a new quadrangle, pedestrian paths around and through the quad will integrate it into the existing circulation patterns of campus.

Figure 17. Pedestrian Circulation Improvements







## Bicycle Parking & Circulation Improvements

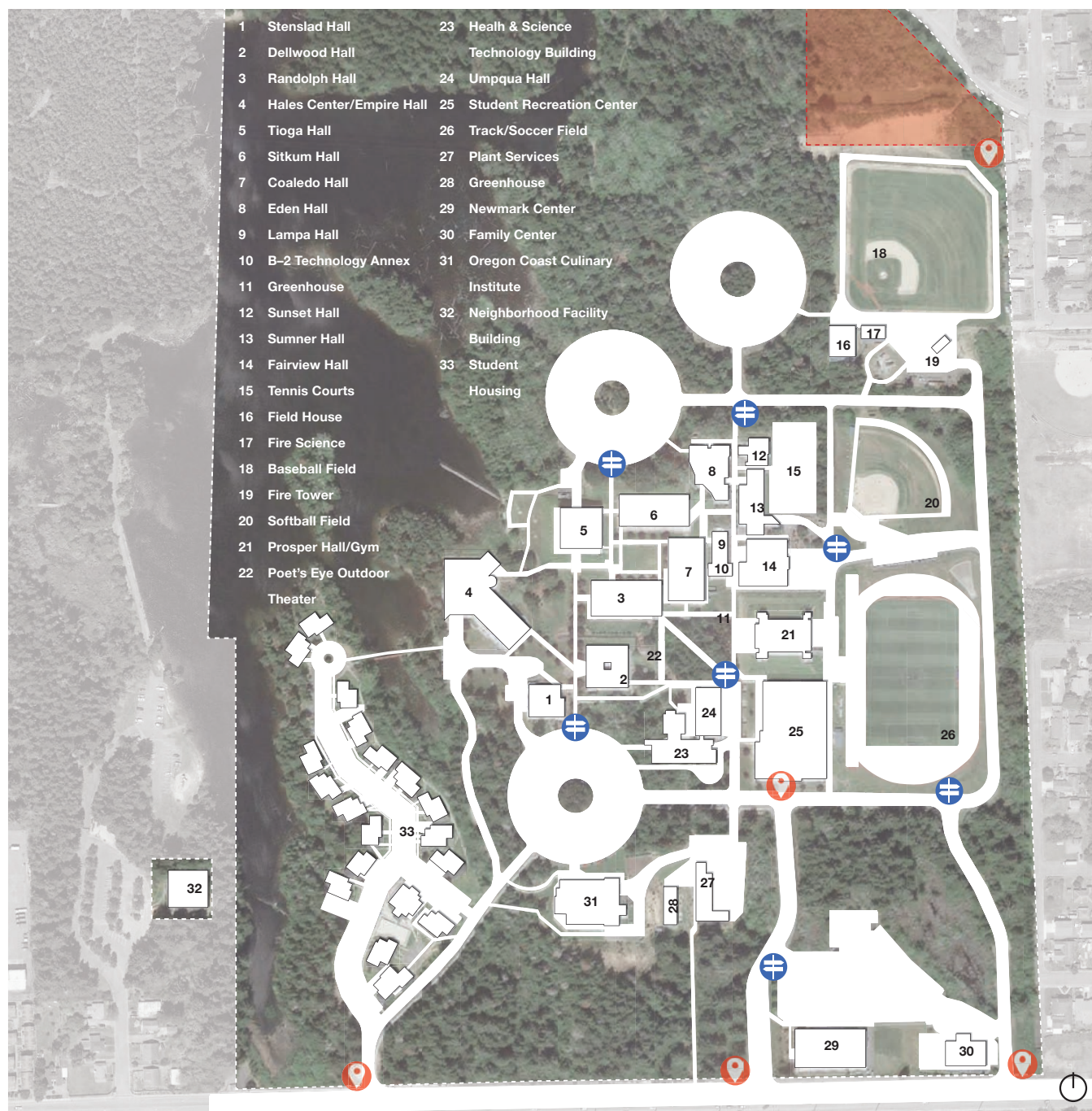
At each of the current bike parking location (Lighthouse Depot (student housing offices), the Student Recreation Center, Prosper Hall and at the entry to OCCl) an additional rack shall be installed. Proposed locations for new bike rack are centrally located at Randolph and Sitkum Halls and are located under the covered walkways for weather protection. Lighting will be considered where possible.

Figure 18. Bicycle Parking & Circulation Improvements

Existing Buildings  
Existing Bicycle Parking  
Bicycle Parking Improvements



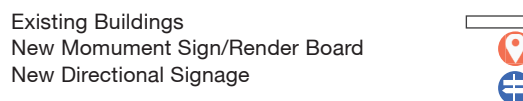




## Wayfinding & Signage Improvements

To improve campus identity and general public awareness, a new monument sign is proposed for the main campus entry on Newmark Avenue. Secondary entries on Newmark would also receive new entrance signage, with directional signage when drivers reach College Way. Once on campus, new campus maps with directories will assist student and visitors with general wayfinding.

**Figure 19. Wayfinding & Signage Improvements**

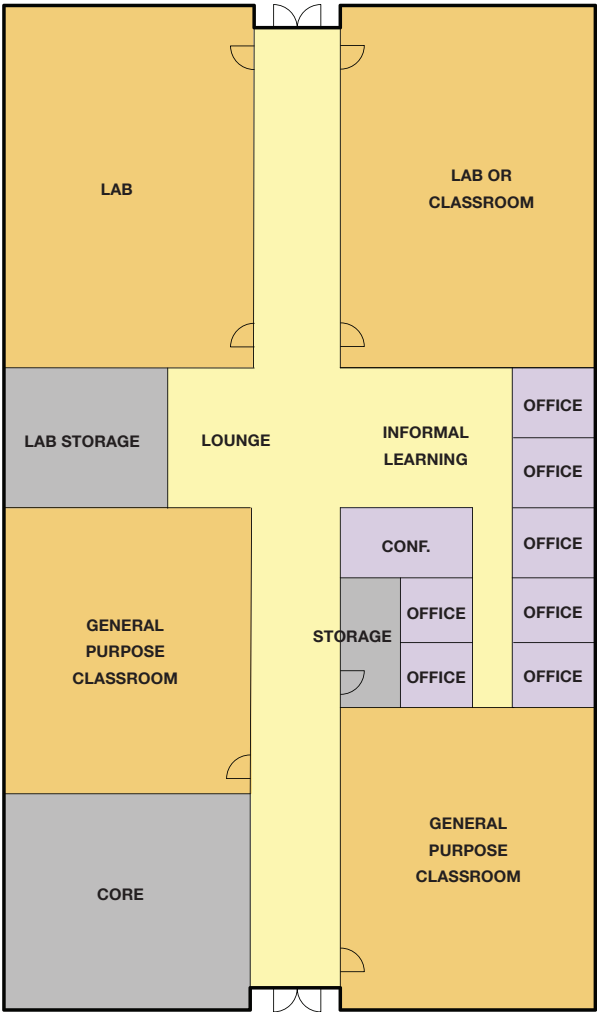




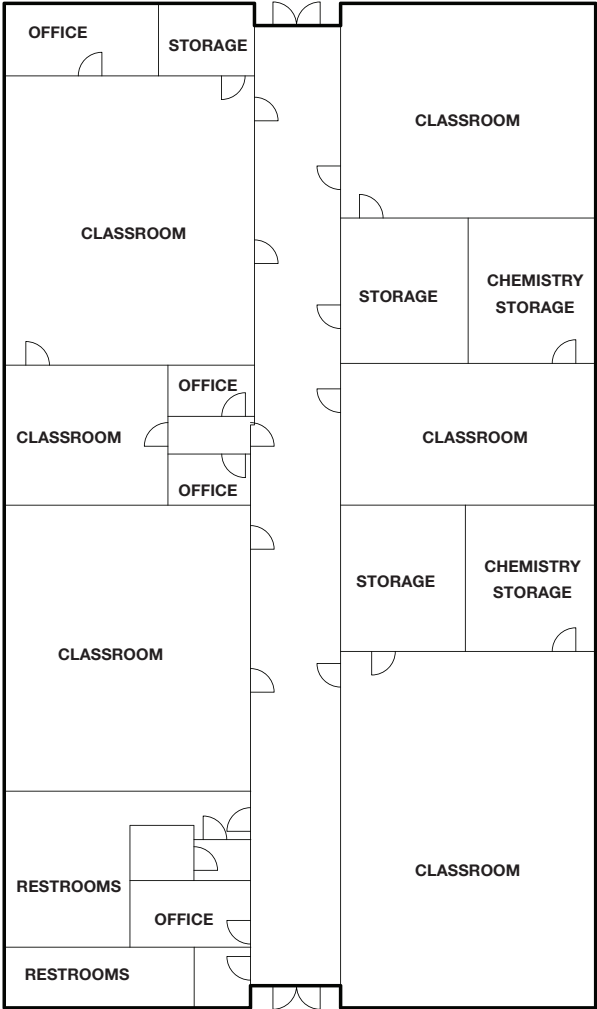


## Building Concept Diagrams

Conceptual building layouts have been created for both near and far term renovations in an effort to loosely define the program needs and become an initial guide for more detailed program assessment and implementation in the future. Coaledo and Sumner Hall renovations are linked to the completion of Umpqua Hall renovation in 2020 and the new home for nursing and science programs. To create a new campus center in Tioga Hall, student services will be consolidated in Stensland Hall (from Dellwood), allowing the Library to move into Dellwood and Tioga Level Two becoming the new Campus Center.



Proposed



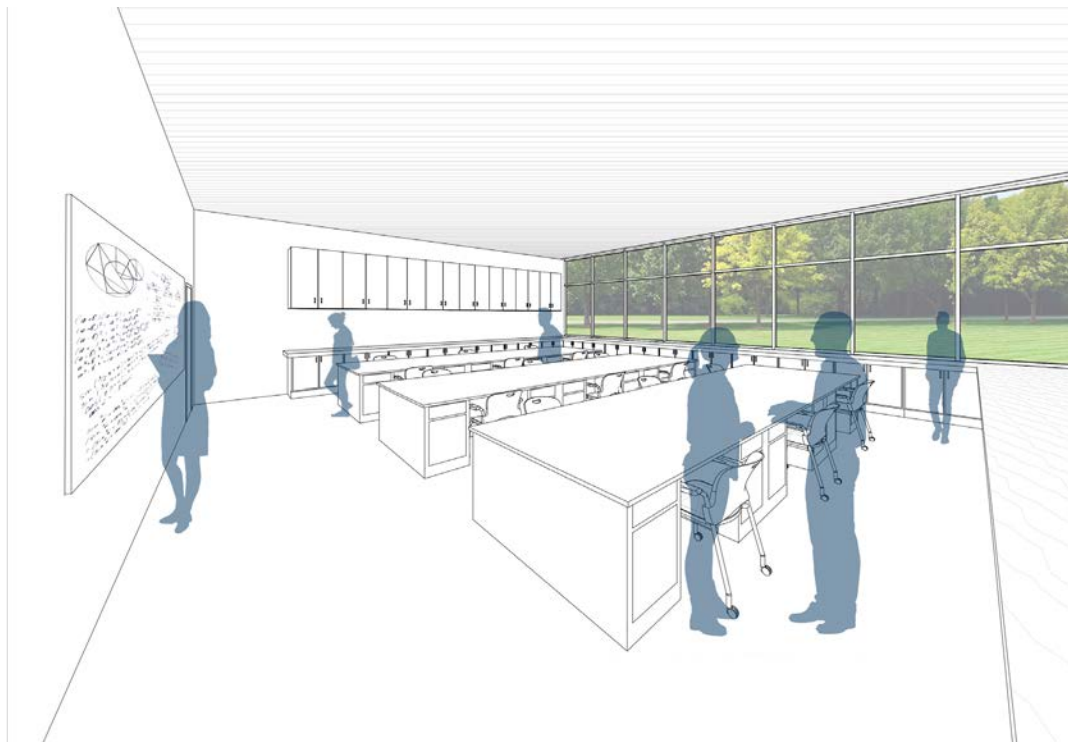
Existing

Figure 20. Coaledo Hall Proposed & Existing

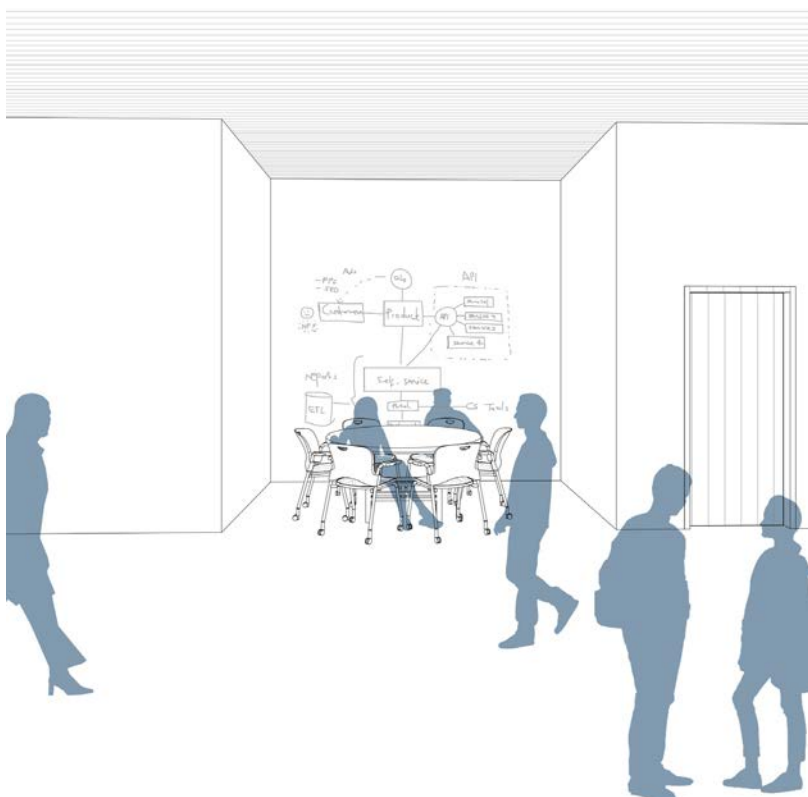
### Coaledo Hall Renovation

As the science program moves into newly renovated Umpqua Hall, Coaledo will be renovated to accomodate Food Science programs with space for faculty offices, general purpose classrooms, fermentation labs and informal learning spaces for students.

## Coaledo Hall



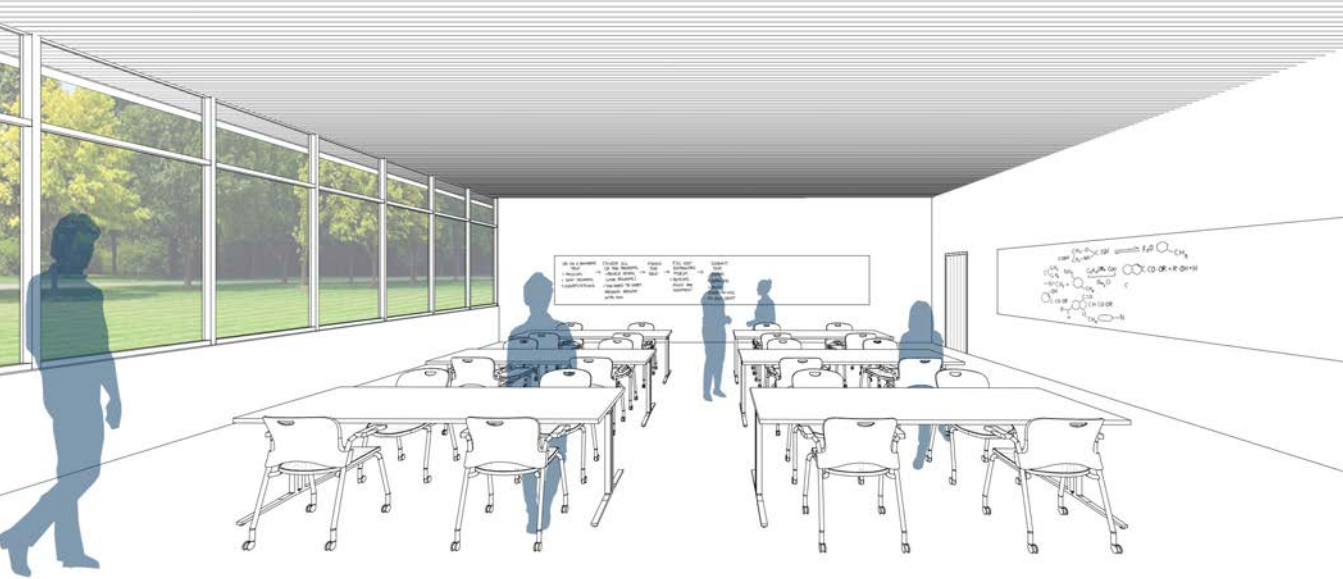
## Fermentation Lab



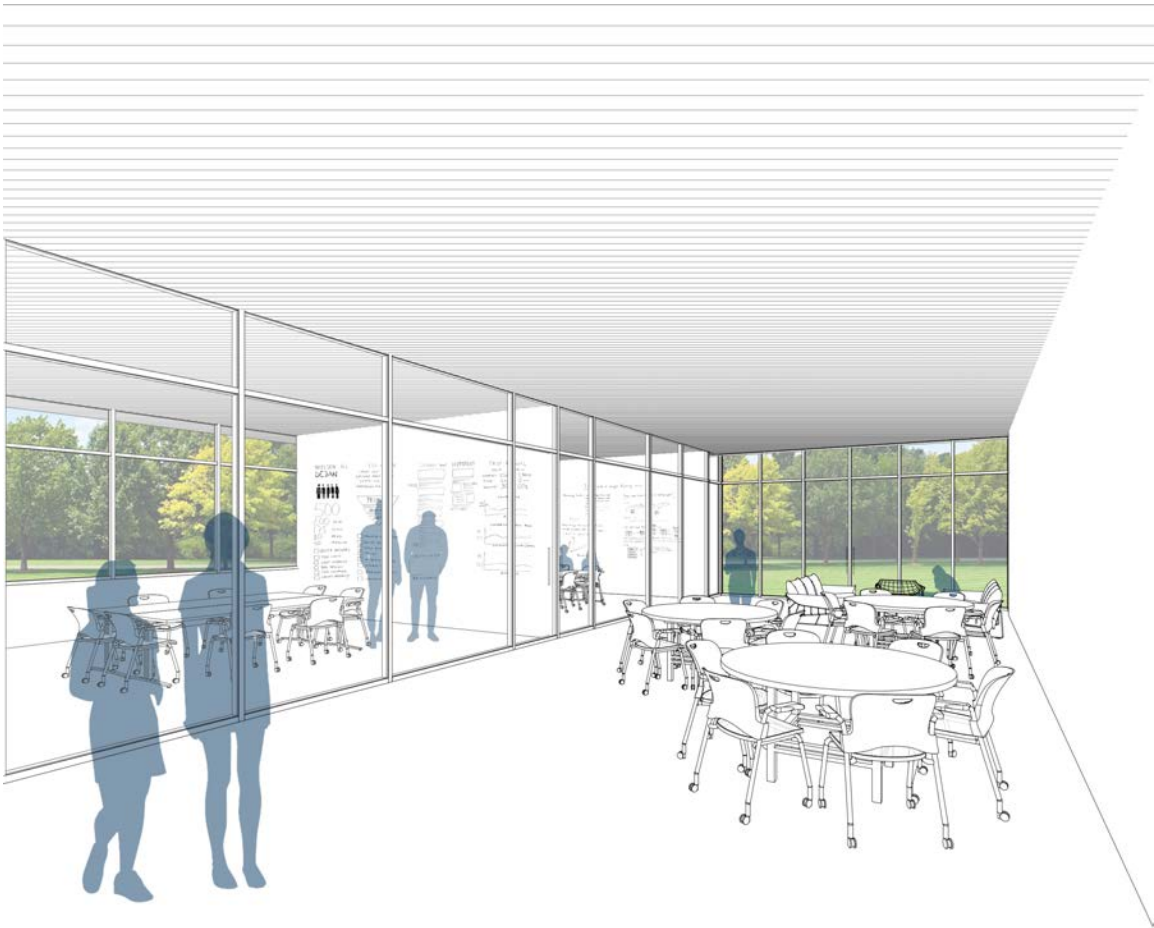
## Student Lounge



Sumner Hall



Fermentation Lab



Student Lounge

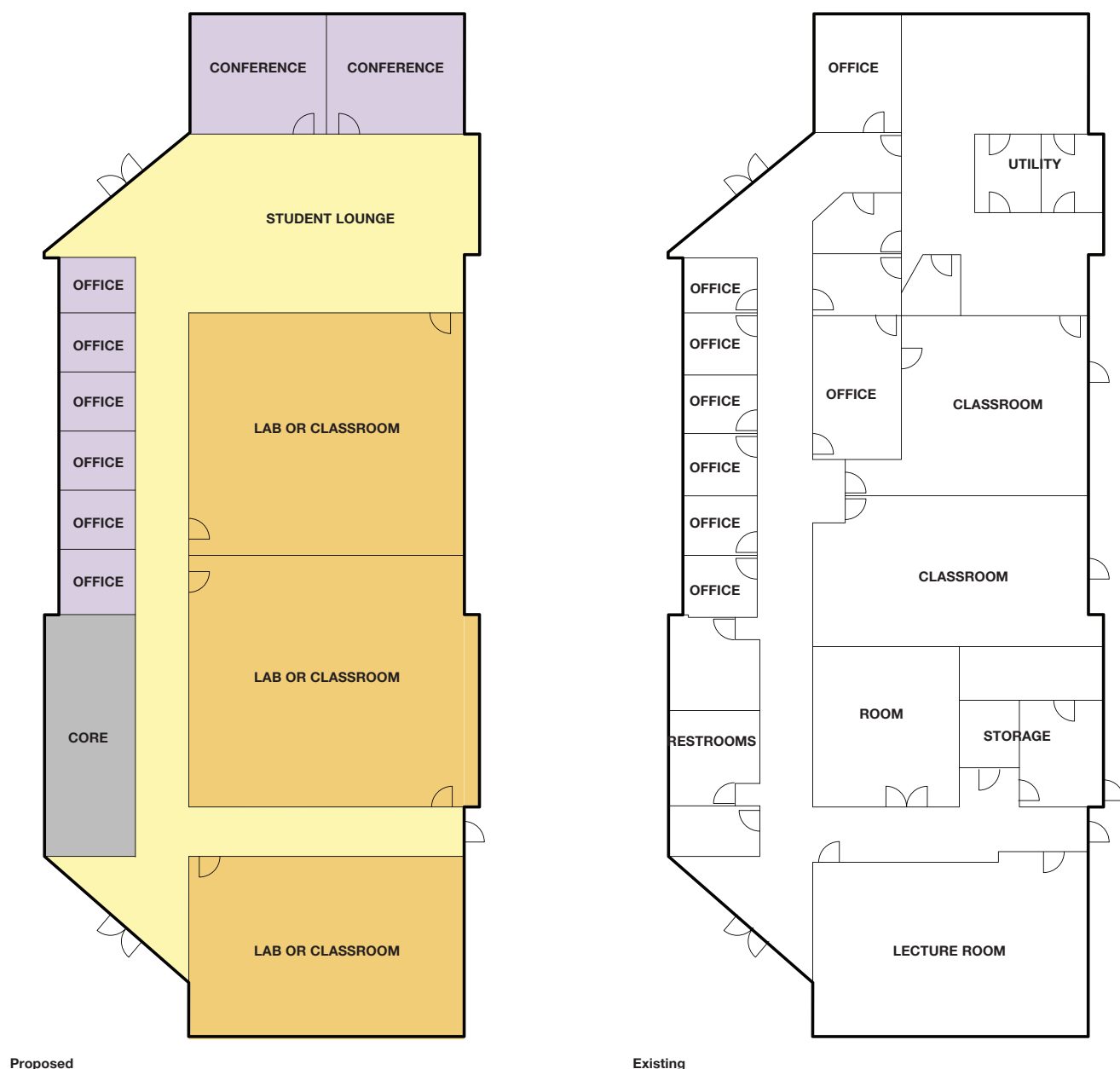


Figure 21. Sumner Hall Proposed & Existing

## Sumner Renovation

As the nursing programs move to newly renovated Umpqua Hall, Sumner Hall will be renovated to accommodate Health Professions, Fire Science and Criminal Justice programs with space for faculty offices, general purpose classrooms, dental, fire science labs, criminal justice simulation labs and informal learning spaces for students. An addition onto the east side of the building will also create an indoor vehicle lab for fire science.

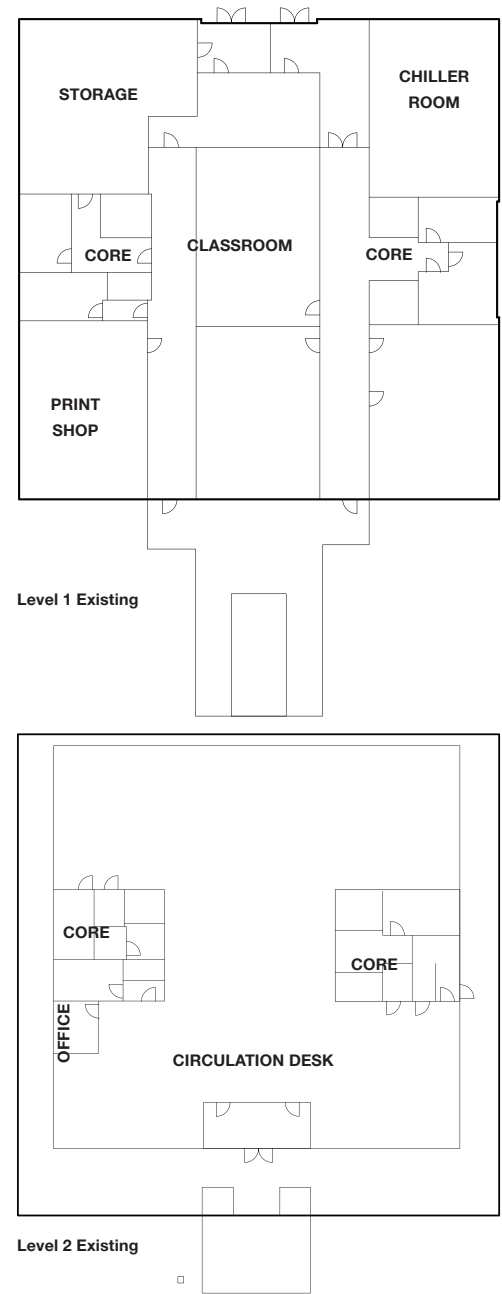
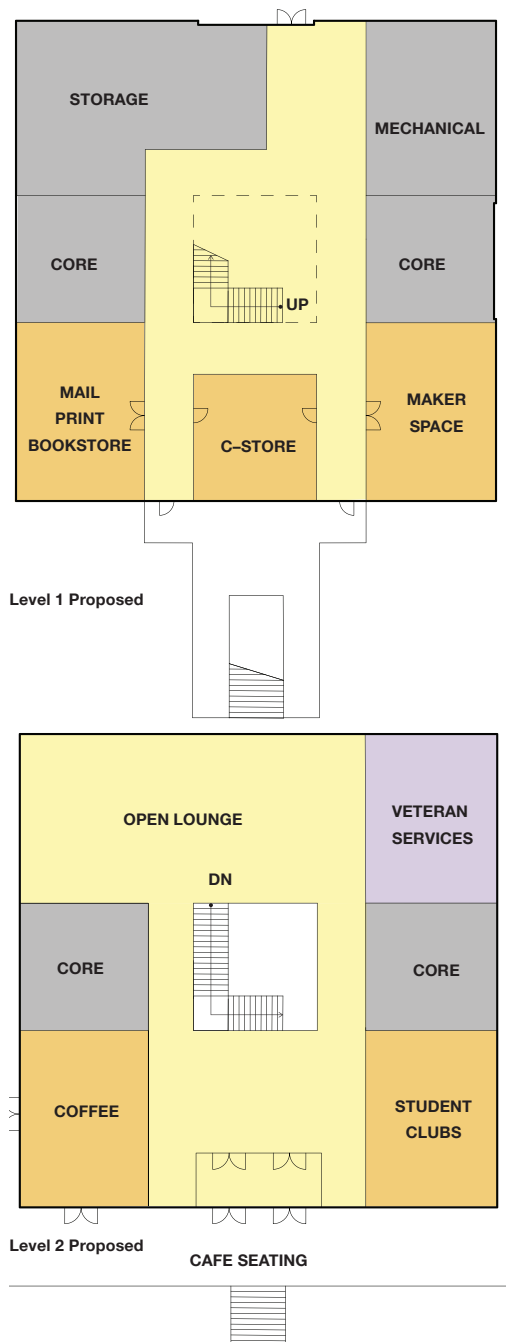
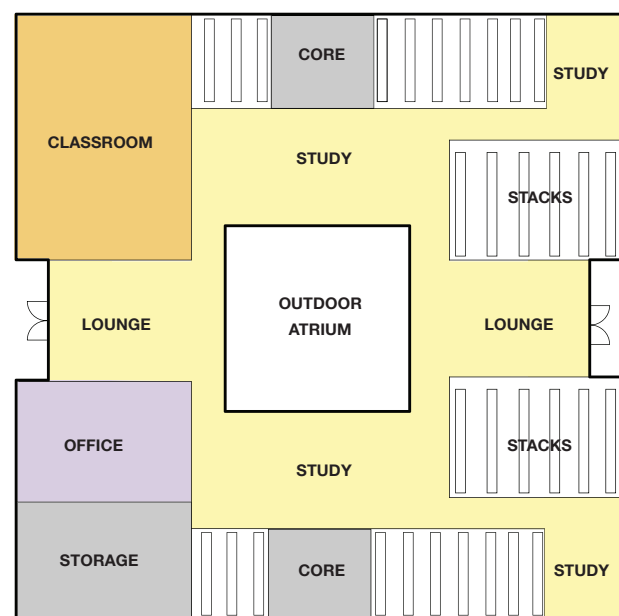


Figure 22. Tioga Hall Proposed & Existing

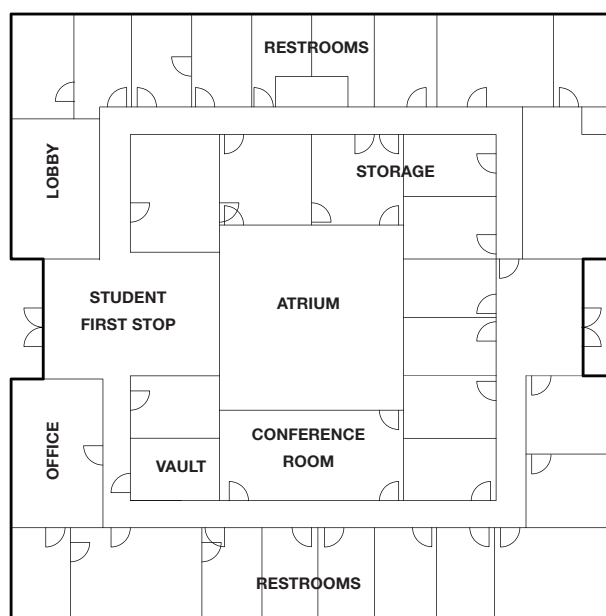
## Tioga Hall Renovation

Level one and two of Tioga Hall renovated to create a Campus Center to serve students, faculty, and college staff. Level one will continue to house the print shop and building storage with the addition of a convenience store and a multiuse maker space. Level two will utilize an open floor plan lounge for maximum flexibility with space for a coffee shop and student organizations. A new stair will be created in the center of the space to connect the two renovated floors and allow direct access to level one activity spaces.





Proposed



Existing

Figure 23. Dellwood Proposed & Existing



## Dellwood Renovation

With Student Services moving into Stensland Hall, Dellwood Hall will be renovated to accommodate the college library with space for its current collection, focused quiet study areas and informal lounges. Adjacent to the “Poets Eye”, the library will have a dedicated outdoor area for quiet study, reflection and public readings.

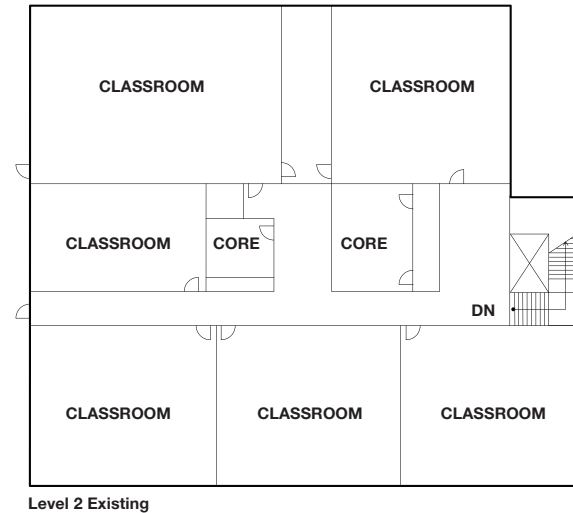
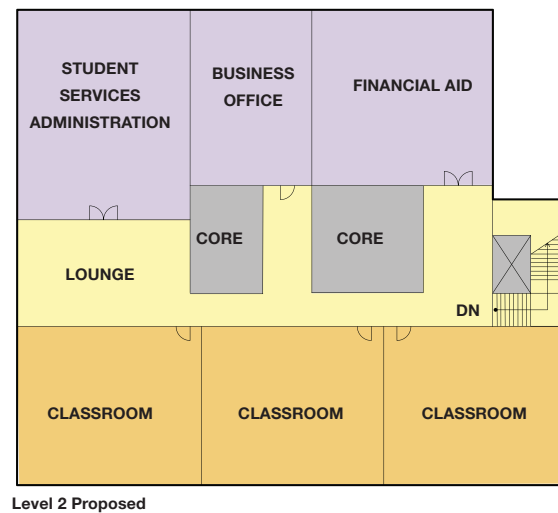
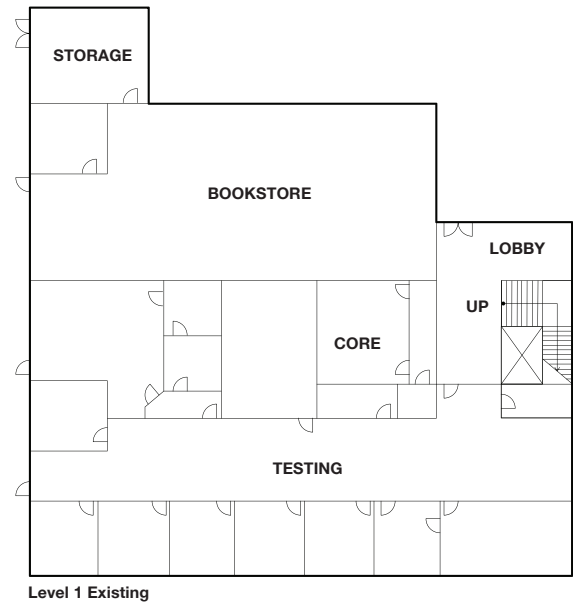
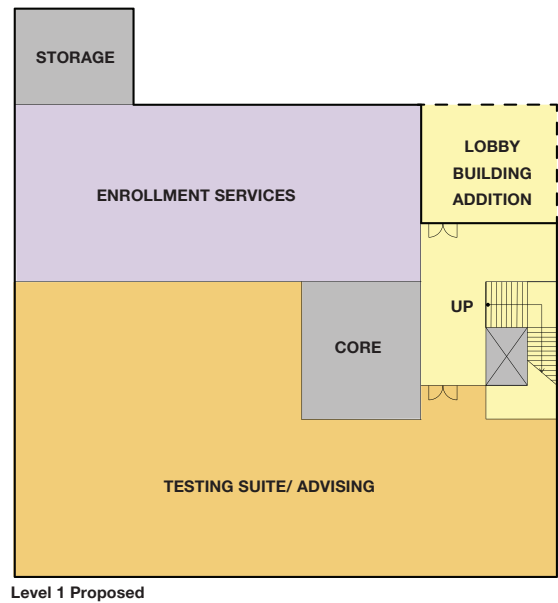


Figure 24. Stensland Hall Proposed & Existing



### Stensland Hall Renovation

To consolidate student services into one location, enrollment services and financial aid will move from Dellwood to Stensland, simplifying the registration process for students and staff. The current bookstore will move to Tioga level one.







# Curry Campus Analysis



## Curry Campus 10 Year Facilities Master Plan

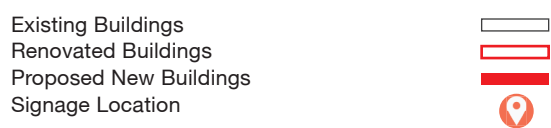
Located north of Brookings on the Southern Oregon Coast, the Curry Campus provides numerous degree programs in conjunction with the Coos Campus through on-line and distance learning classes. The current facility has state-of-the-art classrooms that support these programs. Improvements over the next ten years will focus on expanding distance learning, a flex lab for career and technical education programs, and enhancing campus identification on Highway 101 with a new entry sign.

- (A) New CTE Multipurpose Lab**
  - To support the growth of Career and Technical Education Programs (CTE), improvement to instructional labs and classroom are required. A new building to house Welding, Manufacturing and Building Trades is proposed.
- (B) Renovation - Distance Learning Suite**
  - The College has continued to expand its on-line learning and connectivity between the Curry and Coos Campuses. A dedicated distance leaning suite would enhance and improve delivery of instruction.
- (C) Enhance Main Campus Entry**
  - Improvements are desired to enhance SWOCC's campus identity and reinforce its presence in the community





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**opsis**

o 503.525.9511  
f 503.525.0440  
920 NW 17th Ave. Portland, Oregon  
opsisarch.com



o 541.888.2525  
f 000.000.0000  
1988 Newmark Ave, Coos Bay, Oregon  
socc.edu



# **Southwestern Oregon Community College**

2020-2030 Facilities Master Plan Appendix

Prepared January 2020

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Classroom and Teaching Lab Utilization Analysis
Facilities Condition Assessment

**Academic Master Plan**



**SOUTHWESTERN**  
AN OREGON COMMUNITY COLLEGE

# Academic Master Plan (AMP) 2019-2020



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## I. INTRODUCTION

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Southwestern Oregon Community College's Academic Master Plan provides guidance to the College and to the instructional and support services units of the College. The Academic Master Plan (AMP) provides ongoing assessment, accountability, and continuous improvement measures to guide future planning and decision making for all units of the College.

The Faculty Senate shall be responsible for the interpretation, application, and regular revision of the Academic Master Plan to guarantee the plan effectively contributes to the academic direction and growth of the College.

The College's Mission and Core Themes are implemented under governance policies set by the seven member Board of Education (Board) and are administered by the President of the College and senior staff. Ultimately under the direction of the Board, the faculty, staff, administrators, and students share in the operation of the College through Board policies, administrative functions, the College committee structure, and the organizational reporting structure. See Appendix A for the current organizational structure of the college.

In this guide, the five principles for Academic Master Planning provide direction for framers of the AMP, who are tasked with using both the Mission and Core Themes of the college in their work.

### **Mission Statement**

*(Adopted November 19, 2012)*

Southwestern Oregon Community College supports student achievement by providing access to lifelong learning and community engagement in a sustainable manner.

### **Core Themes**

*(Revised February 24, 2013)*

Learning and Achievement

Access

Community Engagement

Sustainability

## II. THE FIVE PRINCIPLES FOR ACADEMIC MASTER PLANNING:

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The current AMP includes five goals that take into account the following five principle components of a good plan:

**Principle one: Instructional Strategic Initiatives** establish criteria for future initiatives, operational and facilities initiatives, and new program proposals to expand instruction, learning, and effectiveness. These initiatives help move the College in new, strategic directions.

As part of the AMP, any new grant proposal or future initiatives will be outlined in the annual faculty senate goals. The proposal will include faculty involvement from the beginning stages of considering new programs at the College. Use the Faculty Senate committee structure as a place to bring new program ideas forward for discussion and feedback prior to taking to Instructional Council. Take new program proposals to Instructional Council for discussion and action recommendations for the Vice President of Instruction (VPI).

Faculty will be involved in determining the cost benefit analyses of potential new programs. Senate will encourage transparency and open discussion on potential new programs with emphasis on accountability at all levels.

With respect to operational and facility needs all of the following items will be taken into consideration:

- a) Plan for instructional and student services capital improvement projects and equipment/furnishings acquisition with the guidance of a committee with representation of faculty, plant services, instructional technology, administration and recommendations from the Facilities Use Group.
- b) Review and develop an instructional schedule to minimize student conflicts, optimize facilities use, and maximize student access to courses.
- c) Involve Strategic Enrollment Management Plan committee, advisors, staff and faculty to identify and resolve scheduling and facility issues.
- d) Conduct a needs analysis to guide facilities scheduling and planning including office needs, meeting spaces, student facilities, technology and software, furnishings, and utilities.
- e) Develop matrix, scheduling process, and operational guidelines for selected scheduling schema; review by all departments including student services department, office of instruction, faculty, and IT. Operational guidelines should include criteria and approval process for requesting exceptions to the schema.
- f) Employ universal classroom design concepts appropriate to support contemporary, collaborative, and effective student-centered pedagogy.

**Principle two: Student Success** asserts a commitment to improve student performance by fostering a culture of excellence in learning and by aligning work and resources across the College.

Student success is determined by a combination of factors, including, but not limited to the following: Did the student achieve or advance toward the academic, employment preparation, or personal enrichment goal that brought them to the College? Was the student exposed to art and cultural literacy? Did the student experience programming to prepare him/her for informed citizenship both nationally and internationally? Was the student, with the degrees and certificates conferred by Southwestern, prepared to directly enter the workforce and/or transfer successfully to pursue degrees at institutions of higher learning?

Initiatives that do any of the following are considered helpful in improving student performance:

- a) Steadily increase completion rates based on data including GEDs, Certificate/Oregon Transfer Modules, Associate degrees, and Transfers to four-year institutions.
- b) Increase and expedite number of students successfully transitioning from Developmental Education classes to gateway classes in Reading, Writing, and Mathematics.
- c) Develop, initiate, and review evidence-based student programs and services designed to enhance persistence and completion on an annual basis.
- d) Provide exposure to and opportunities for artistic expression, culturally diverse activities, and politically relevant programming.
- e) Create and deliver alternative, evidence-based programming (e.g. accelerated learning, boot camps, placement test preparation, collaboration with high schools) to improve college-readiness and diminish reliance on developmental courses.
- f) Develop Applied Baccalaureate degrees that benefit students' professional goals.

**Principle Three: Role of Faculty** establishes criteria to nurture the **professional growth** of faculty through professional excellence, scholarship, and training and increased participation in **budgeting** and **accreditation**.

**I) Professional development** will include the development of instructional and professional excellence; promote professional/occupational scholarship and training; encourage individual education and personal growth. Some of the ways this can be accomplished can be any of the following:

- a) Plan and budget for professional and occupational development on a college and departmental level.
- b) Establish best practices of instruction, and seek grants or other sources of financial support for professional development.
- c) Create a coherent plan for the development of faculty through peer evaluations and mentoring.
- d) Encourage and enable faculty and staff to attend conferences, workshops and to take courses that will keep them current in their academic discipline.
- e) Establish, perhaps through a survey, a baseline of faculty and staff development activity (professional memberships, conference attendance, etc.) against which the College can measure improvement and demonstrate support of individual education and personal growth.
- f) Develop and monitor processes that provide both formal and informal training for new faculty, including the incorporation of a mentoring program. The training and mentoring processes should be incorporated into the evaluation process.
- g) Maintain faculty enthusiasm by designing and implementing effective orientation and training. Develop in-service activities that encourage ongoing discussion and planning, to facilitate collaboration and implementation of best practices in teaching.
- h) Develop opportunities to facilitate interaction among multiple disciplines, for example through coordinated studies, learning communities and cohorts, and integrated curriculum. Possible first year experience programs should be evaluated for the potential to increase student success and retention.

**II) The Budget Process** will be as transparent and inclusive as possible. To that end, the annual Budget Process should include a Budget Summary that is written to briefly outline the significant decisions that were made to successfully balance the budget. This would be a communication tool that shows how faculty were included in the decision making process. The summary can reduce misperceptions of imbalance and quantify reductions, increases, losses and overall funding changes in instructional areas. It would also give faculty an improved historical knowledge of the College's financial position from year-to-year.



To improve the level at which faculty are involved in the annual budget process, the AMP will increase participation in and guidance of the Budget Process. The Budget Process will consider continuous improvements which encourage faculty participation through:

- a) **Involving Faculty in the Budget Process.** Faculty are invited to provide input during initial budget development phase. Some examples of faculty input can include: position priorities, new faculty hires, programs, and supplies/equipment
- b) **Increasing the understanding of budget using common terminology/measurements.** For example, dollar figures will be used when discussing FTE numbers and billing credits; clearly delineated fixed expenses from those funds available for discretionary spending; Providing equivalency measures (i.e. estimated dollars generated per student
- c) **Creating a Budget Process that is fully transparent and inclusive.** A summary of the adopted budget shared with faculty. The Budget Summary should be brief and include bullet points on: the details to apprise faculty of final budget outcomes and document significant decisions; the outline funded areas/items and unfunded areas/items; instructional interests that are unfunded, will be earmarked for consideration in the following year's budget process.
- d) **Developing a process for long term financial planning.** Faculty senate will encourage established practice of annual budget committee meetings all year long; create two and five year budget forecasts; Consider long term investment and return on new programs and offerings

III) The AMP will help to make specific goals for the **Accreditation process** more relevant to faculty by identifying specific Accreditation standards which relate directly to the classroom and defining ways Accreditation standards improve instruction. In order to accomplish a valid system of accreditation, an AMP can provide support to administration in developing an Accreditation Planning Timeline. A planning timeline will be developed and shared with the campus at the start of each academic year. The timeline will outline Accreditation reports due or activities related to upcoming reporting. It will outline what needs to be accomplished by the campus and responsible department/individual. Once the report is evaluated, a review of any NWCCU recommendations will be part of the continuous improvement focus for Accreditation standards for the following year

**Principle Four: Fostering a Culture of Excellence** asserts a commitment to create a culture of excellence by fully supporting all areas of the college to nurture excellence in students, faculty, staff, resources, goals, policies, and purposes. The College asserts a commitment to create a culture of excellence expressed by fully supporting teaching and learning; scholarship, creativity, and service; the growth and development of its members; recruitment and retention of a diverse faculty and staff; shared governance; fiscal responsibility and stewardship of resources; and academic decisions guided by their impact on these college goals and purposes.<sup>1</sup>

Southwestern Oregon Community College Faculty are committed to diversity, non-discrimination and inclusions and to maintaining a safe environment for all members of our community, and this is true regardless of race, religion, gender sexual orientation, disability, nationality, immigration status, social class, or any other similar characteristics. Southwestern is a place to learn, explore, and pursue intellectual interests and career opportunities. We value and support all students pursuing their education at Southwestern, and we will protect students' privacy and maintain a safe and supportive environment in which to pursue their studies. Southwestern students are protected by the Family Educational Rights and Privacy Act (FERPA) and we will adhere to these guidelines for all of our students, including those who are undocumented or those covered by the Deferred Action for Childhood Arrivals (DACA) program. We are committed to making this vision inclusive to all and will uphold it with steadfast vigilance. <sup>1</sup>

Plans that consider any of the following will match the principle in creating excellence:

- a) Encourage the development of a culture of excellence of teaching and learning by using the available resources and infrastructure efficiently, and by making a concerted effort to enhance those resources. Promote an educational philosophy that takes advantage of the unique location and identity of the College and the physical and community environment.
- b) Establish the evidence-based strategies that improve student retention, achievement, and future success. Promote academic depth in field and breadth across disciplines, and incorporate the philosophy of learning by doing.
- c) Incorporate the values of reflection, planning, and collaboration in the educational process, and provide resources to enhance opportunities.
- d) Create a learning community that promotes academic excellence and intellectual curiosity among faculty and students. Encourage and support the development of programs and activities to promote best practices and innovations in teaching. Faculty at SOCC are committed to exhibiting the highest ethical standards in our interactions, communications and decision-making. Our values include honesty, fairness, diligence, collaboration and integrity. We are dedicated to showing the kindness, support, and compassion that create a work environment that we can be proud of.
- e) Build on our existing college and local resources by utilizing field studies, case studies, and field experiences. Provide resources to encourage development of courses and activities that use the local community and natural environment.
- f) Develop a consistent methodology for the evaluation of new or rejuvenated courses. The process should recognize the distinction between viability and vitality of programs and courses. The Office of Instruction will investigate methods to enhance vitality of courses through allowing and encouraging scheduling flexibility and rotation of course offerings among instructors.
- g) Incorporate our expectations for student preparation and future success in the recruiting process. Expand recruiting to encourage student diversity, for example by expanding recruitment of international students.
- h) Evaluate methods of placement testing and prerequisite enforcement, and revise these processes where necessary.
- i) Enhance the advising process, by establishing and employing best practices of advising. Consider the development of a dedicated cadre of advisors.
- j) Investigate possible avenues for funding and establishing supplemental instruction programs, or similar student-led tutoring and mentoring programs, to complement existing tutoring services.
- k) and pedagogical development

<sup>1</sup> Definition modified from University of Indiana Northwest working paper on “Academic Excellence,” 2005.

**Principle 5: Shared Governance** establishes guidance criteria for **Faculty Senate, Instructional Council, the Vice President of Instruction (VPI), community partnerships** and community engagement.

The **Faculty Senate** is the representative body of faculty who are recognized as “essential participants in both making and carrying out decisions on educational policy.”\* The senate will act upon educational policies that improve student success. Generate and evaluate College initiatives on a yearly basis with annual faculty senate goals. Indicate the AMP section that is utilized to support/generate goals. Archive the goals within the appendix of the AMP. The senate will represent faculty regarding educational policy, academic excellence, and freedom of expression. They will generate and evaluate College initiatives on a yearly basis with annual faculty senate goals. An archive of the goals will be kept within the appendix of the AMP.

The faculty senate will work with administration, Instructional and College Councils noting AMP use. Ideally, the AMP will be used in screening, interviewing, and hiring of new employees. The AMP will also be used in peer reviews and annually be reviewed and updated.

The **Instructional Council** is the advisory council to the VPI on all instructional activities. The purpose of this Council is to promote teamwork and joint problem solving among all campus groups.

Instructional Council will accomplish their advisory role by doing all of the following:

- a) All major decisions, including review of new academic programs and course curricula, course schedules and academic calendars are made by the **Instructional Council**. It will serve as advisory to VPI.
- b) The VPISS will lead and organize IC meetings.
- c) Membership should include full time faculty members, Registrar, Financial Aid Director, Instructional Deans, Student Services Dean, Workforce Development Dean, all Instructional Directors, ITS Director, Learning Resources Director and High School Relations Coordinator.
- d) Membership may also include Ad Hoc faculty and/or staff members involved in taskforces/teams that impact instruction, curriculum, assessment (e.g. Achieving the Dream, Accreditation, Title III).
- e) Additional Southwestern staff are welcome to attend meetings for informational purposes.
- f) Include as a standing item on agenda opportunity for campus/state/national information sharing.

The **Vice President of Instruction (VPI)** will provide effective administration and oversight of continuous improvement for instructional operations; supervision and direction for Deans and the Office of Instruction; and meet all Accreditation standards along with State and Federal guidelines for instruction and students services for community colleges.

In order to fulfill the requirements with respect to the AMP, the VPI will:

- a) Implement the AMP and ensure integrity of instruction, curriculum, and assessment.
- b) Ensure that quality of degree and certificate programs created through the AMP are maintained through evidence based assessment.
- c) Ensure that new course outlines adopted through the AMP are mapped to programs during the 4 year review cycle
- d) The VPI will communicate with the College President as an Executive Level Cabinet member, representing the concerns, recommendations, and requests associated with instruction and student services faculty and staff.
- e) Coordinate the academic actions created through the AMP meet Northwest Community Colleges and University (NWCCU) recommendations and future reporting that secures Southwestern's continued accreditation status.

**Community Partnerships and Community Engagement:** The AMP will include community engagement by: creating a campus culture that values and promotes community partnerships and public service; supporting and strengthening partnership between faculty members and communities to promote learning, scholarship and service opportunities; provide thoughtful collaboration and partnership building to support student success and contribute to the social, cultural and economic development of our communities.

To accomplish shared governance with community members, the AMP may include any of the following:

- a) Develop a process to annually track the activities of Advisory Committees and student learning projects.
- b) Report the activities of Advisory Committees, internships, and student service learning through appropriate meetings, newsletters, college announcements and assessment software.
- c) Recognize and communicate the outstanding efforts by faculty in community engagement through press releases, board reports, and college announcements.
- d) Pursue partnerships and service opportunities at the local, state and national level.
- e) Plan and budget new resources to enhance and strengthen faculty partnerships and service programs.

- f) Facilitate faculty presentations in content areas that will facilitate a speakers' bureau for the communities in our college district.

\* See *General Faculty and Faculty Senate Constitution* (Preamble and Article 2 Section 2)



### III. ACADEMIC MASTER PLAN 2019-20

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Identified in section III are the specific academic goals for Southwestern Oregon Community College with short and long term steps to achieving them. These goals seek to be concrete enough that we can tell when they are achieved. Senators, Office of Instruction, and staff will work together to look for opportunities and resources that will help implement and at times change the course of action as each goal becomes a reality.

**Goal One:** The College will expand and enrich liberal art programs, courses, and events in ways that nourish life-long learning, increase student success, sustain the college financially, and create a culture of excellence.

Faculty Senate will support this initiative by connecting information across departments to help staff, manage resources, and make sure we are fiscally able to achieve the goal. The Faculty Senate and administration will work together to develop committees and subcommittees to pursue this goal. We will need to assess the budget process (grants, fixed expenses, overhead costs, staffing needs) and the overall feasibility of each initiative and activity. All relevant data will be studied to determine the viability of every initiative.

#### **Short Term:**

- Discover the degrees, talent, and expertise of our current staff and determine what resources we already have for enrichment of the liberal arts.
- Create an Arts Council that would research which courses and programs are feasible and meet the needs of students and the community. This should include those in the community who can support and advise new initiatives.
- Write job descriptions for all faculty positions and hire people so as to increase the number of liberal arts courses that we can offer. For instance, we may be able to hire people who can teach both writing courses and media communications or theater.
- Discover how other colleges in similar settings have nourished the liberal arts.

#### **Long Term:**

- The restoration of the theater, foreign languages and broadcast journalism courses. Feasibility of restarting programs in these areas will be assessed along with acquiring articulations and following a Guided Pathway.
- The return of student publications
- Support of new initiatives in areas like dance, film, forensics, and music production.
- An increase in number and variety of ways students can engage with art.

## ACADEMIC MASTER PLAN 2019-20

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**Goal Two:** The College will enhance student success and strengthen the role faculty play by improving the instruction of traditional and nontraditional students.

Faculty senate will support this goal through its curriculum, faculty professional development and instructional technology committees. The intent of this effort is to bring educational opportunities that will promote intellectual growth for both faculty and students. Plans can include facilitating faculty peer mentoring, assessment and recognition of excellent teaching; andragogy seminars; grant writing opportunities; cross discipline assignments; support for new course creation; quality checks for 2+2 and online instruction; and team teaching opportunities.

Faculty senate will share initiatives with administration to assess budget needs and if necessary credit release.

### **Short term:**

- Plan throughout the year to incorporate andragogy sessions in faculty meetings (in-service, brown bags, general faculty, committee meetings, division meetings, department meetings). Topics might include team-teaching, grant writing, mentoring, cross discipline assignments.
- Encourage in-service presentations by faculty exploring the successes and pitfalls of different instructional innovations and projects.
- Continue in-service training for part-time faculty
- Revive the administrative review for 2+2 and part-time teachers. Faculty partnering with administration to help in evaluation
- Facilitate a formal structure to faculty peer-mentoring

### **Long term:**

- Task appropriate senate committees to assess the efficacy of the andragogy sessions offered throughout the year. The training that has the most benefit can be considered for senate committee adoption to further their use.
- Incentivize part-time faculty evaluations with pay increases. For example, prorate the first 3 years, then tie pay increases to every 3<sup>rd</sup> year positive evaluation.

## ACADEMIC MASTER PLAN 2019-20

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**Goal Three:** The College will nurture a community of scholars by supporting student and professor research and educational opportunities both locally and abroad.

Faculty senate will support efforts to plan and budget new research opportunities that connect students with their professors. Research shows that study abroad improves completion, retention, and transfer rates (studies by Georgia learning outcomes, California Community College, and University of Minnesota). Studies by Georgetown University show that study abroad improves language learning. Other studies by Georgetown and others show that study abroad fosters intercultural understanding, provides a global context and builds enlightened nationalism. Study abroad also increases employability and career skills. (five studies)\*. Instructional strategies will be assessed first in curriculum committee for their efficacy and budgetary concerns. Instructional council will then assess rigor and non-academic issues surrounding the project. Credit release and budget concerns will be shared with administration.

- **Short term:** Survey general faculty for ideas that foster scholars through research and educational opportunities both locally and abroad.
- Identify the resources necessary
- Form a pilot grant writing committee to assess grants available and to provide guidance for those wishing to pursue grants.
- Work with the work-experience coordinator to set up local opportunities

### **Long term:**

- Set up faculty liaisons with study abroad programs
- Offer at least two study abroad programs per year through different disciplines
- Host other study abroad students here at SOCC
- Write grants to get AmeriCorps volunteers here to help with service learning projects
- Advertise SOCC's yearly study abroad programs.
- Track and assess the benefits and success of students who study abroad

\*[https://www.nafsa.org/Policy\\_and\\_Advocacy/Policy\\_Resources/Policy\\_Trends\\_and\\_Data/Independent\\_Research\\_Measuring\\_the\\_Impact\\_of\\_Study\\_Aboard/](https://www.nafsa.org/Policy_and_Advocacy/Policy_Resources/Policy_Trends_and_Data/Independent_Research_Measuring_the_Impact_of_Study_Aboard/)

## ACADEMIC MASTER PLAN 2019-20

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**Goal 4:** The College will expand and support Career and Technical Education (CTE) programs, courses and non-credit workforce training.

CTE faculty, senate and the VPI will work together to achieve this goal. Committees such as curriculum, faculty professional development and instructional technology are sources of support. Effort will be made to have career and technical education faculty up to date with current industry standards. Evidence based trainings will be provided both within and outside the institution. Industry partners will be consulted. Tracking systems that provide feedback on retention and success rates will be developed.

### **Short Term:**

- Develop a ten-year CTE program development plan that coincides with both the facilities master plan and the academic master plan.
- Seek adequate funding for CTE faculty professional, from first year experience to providing time and support for faculty to stay current in their industry.
- Facilitate cross-department cooperation about best practices in accreditation, program review, and outcomes assessment.

### **Long Term:**

- Seek grants as a part of a strategic grant procurement system and other funding to support CTE programs.
- Develop interagency agreements with industry partners by facilitating robust advisory committees and supporting needs of community partners.
- Develop a system to track graduates and to engage with CTE alumni for the purposes of improving programs and providing students with a network across industries.
- Develop an Applied Baccalaureate degree in two CTE areas within the next five years.



## ACADEMIC MASTER PLAN 2019-20

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**Goal 5:** The College will support and encourage the growth of STEAM (Science, Technology Engineering Art and Mathematics) education.

The college will encourage professional development among faculty that incorporates research topics in their respective fields. Interdisciplinary connectivity within credit courses and community outreach efforts will be made to support innovation in instruction. Collaboration between Southwestern and outside institutions (colleges, universities, research, and community organizations) will be encouraged to provide faculty and students with opportunities in STEAM projects.

### **Short-Term Goals:**

- Develop a 10-year science and engineering program development plan that coincides with both the facilities master plan and the academic master plan.
- Seek grant and other funding to equip the lab space in the Umpqua Health Science and Technology Building with upgraded lab equipment and instrumentation.
- Foster academic and industrial partnerships between the college and community partners (educational outreach, internships, etc.)
- Continue to serve as a community research for science education through guest lecture series and other supported STEAM programs
- Foster collaborations between schools both locally and outside of Oregon to facilitate student and faculty research opportunities
- Encourage interdisciplinary collaborations to strengthen communications and interaction between disciplines.

### **Long-Term Goals:**

- Seek grants as part of a strategic grant procurement system and other funding to support STEAM programs, research, and community outreach opportunities
- Develop a system to track graduates and to engage with STEAM program alumni for the purposes of improving programs and giving current students a network of contacts to aid with transfer and preparation for upper division research.
- Develop an Applied Baccalaureate degree in two STEAM areas within the next five years.

## APPENDIX

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### A. First Edition Team Members

Phillip Anderson	Interim, Vice President of Instruction and Student Services (2011-2013)
Brenda Brecke	Consultant, Facilitator
Anna Chavez	Office of Instruction
Jessica Engelke	Business/Marketing Instructor
Robert Fields	Professor, Biology/General Science
Karen Helland-Domine	Dean of Extended Learning
Rod Keller	Dean LDC & Developmental Education
Anne Matthews	Graphic Design/Marketing Specialist
Trish McMichael	Job Placement, Internship Coordinator
Anny Mueller	Professor, Psychology
Thomas Nicholls	Executive Director Enrollment Management
Diana Schab	Dean of Career Technical Education
Patty Scott	President
Beverly Segner	Professor, Counselor
Ross Tomlin	Vice President of Instruction and Student Services
Chris Williamson	Professor, Computer Information Systems
Mark Wilson	Professor, English

### B. AMP Process

Southwestern's (SWOCC) AMP (AMP) was developed through the intensive involvement of the AMP Team comprised of 16 individuals, chosen by the Vice President of Instruction and Student Services in December 2011, representing the College's instructional/student service areas. In preparation for the planning process the AMP team: identified key functions of the AMP, the role of the AMP team members, and the role of the consultant; reviewed items as part of an environmental scan; and decided on the design approach.

The AMP team established that the Southwestern's AMP will: be developed with the participation of faculty and staff of the College; provide guidance to instructional unit; provide a framework for decision making and resource allocation; align with and support the College's Strategic Plan, Core Theme Objectives and associated Success Indicators; and is intended to provide ongoing assessment, accountability, and continuous improvement measures that will guide future decisions affecting student learning at every level throughout the College.

To inform the AMP team of current status and future trends, environmental scan items were reviewed including: Board Goals and Core Themes, Labor Market Trends, Financial Aid Trends, National and State Community College Trends, College Completion data, student demographics, community forum discussions, appreciative inquiry notes, county demographics from Coos and Curry, FTE reports and Student Success data. See Appendix for list of Environmental scan resources.

The team brainstormed items that would likely continue to impact the College during the next five years and created a list of assumptions. That list included:

- Filling student housing and OCCl will remain a priority
- Students will continue to be un- and underprepared for college
- Distance Education will continue to be an option
- SWOCC will continue to compete for students with for profit and nonprofit entities
- Increasing the number of certificates and degrees awarded will continue to be a goal of SWOCC
- Partnership with four year universities will continue
- There will still be a need to engage the business community and

- We will see numbers of veterans increase on campus

Additionally, it was noted that the numbers of high school graduates have decreased over the past years, increasing the need to recruit from out of the College's district.

The AMP team members researched other community college AMPs as well as George Copa's New Design before adopting Copa's approach to creating the AMP process.

Over the next year the AMP team addressed each of the Learning Elements found in George Copa's New Designs:

- A SWOT analysis approach was completed for the **Learning Context Element**.
- To identify our **Learning Audience** the team reviewed Measures of Achievement, Enrollment Management data, Student FTE reports, focus group summary, campus discussions, Target Group Identification for Marketing and Recruitment, Kickoff Institute information, Appreciative Inquiry results and Course Completion information.
- **Excel Naturally** was adopted for SWOCC's **Learning Signature**.
- **Learning Expectations** discussions began with review of General Student Outcomes. General Student Outcomes were revised.
- **Learning Process** discussion led to review of current program guidelines/requirements, course outline approval process, program modification guidelines, program review, state guideline review, and accreditation recommendations. Resulted in Guidelines for Course outlines, Guidance for Instructional Council, and Guidance for CAO/VP, and Guidelines for New Academic Programs. Questions to be included in Program Review were developed.
- **Learning Organization** Three priorities were established for Learning Organization: *(time organization) supports flexibility (e.g., just in time, variable schedules, learning in breadth and depth) in learning process. (environmental organization) creates flexibility, access to multiple learning settings, and building learning community (staff organization) supports becoming very knowledgeable of learners, building strong learning communities, using the community as a learning context, and integrating subject matters.*
- **Learning Partnerships** led to identification of four priorities for forming partnerships: *leverages resources/positive results in synergy, enhances the learning experience, impacts the entire community and includes a diverse set of partners.*
- **Learning Staff & Staff Development** resulted in development of **Guidance for Professional Development**
- **Learning Environment** Three priorities were established for Learning Environment Facilities: *responds to differences in learners, supports use of technology, enables and provides for continuous renovation and updating.* Four priorities were established for Learning Environment Technology: *is up to date and easily updated and expanded, includes all forms of technology, encourages creativity and innovation, and is cost-effective.*
- **Learning Accountability** -- measures or indicators of accomplishment that are acceptable to the policy-making group, typically the board/trustees in a public institution. To that end each of the AMP sections includes success indicators.
- **Learning Celebration** Three priorities were established for Learning Celebration: *strengthens sense of community, encourages pride and joy, and focuses on learning as a lifelong experience and important to learners.*

- **Learning Finance-** Four priorities were established for Learning Finance: *supports reengineering and innovative actions, stabilizes funding patterns, aggressively seeks resources from a wide variety of sources, and integrates local, state, national, and international goals, planning, and resources.*

In the fall of 2013, under the guidance of the new Vice President of Instruction and Student Services, the AMP team created an outline for the plan itself. The components of the outline with timeframes and responsibilities provided a framework for the written plan and allowed the AMP team to assure alignment with Southwestern's core themes. A format for writing the sections was established which identified the goals and processes for each section. Success indicators were later added to each section. Team members drafted each section and then presented it to the full team for discussion leading to edits and changes that were brought back to the group for further review and approval.

### C. Our Learning Signature: Excel Naturally

The *Learning Signature* of **Excel Naturally** uniquely identifies Southwestern. Given our desire to focus on our students excelling and our campus's connection with the lake and its natural surroundings, the *Learning Signature* of **Excel Naturally** is a forceful symbol/image to identify Southwestern. It provides a focus for further academic planning based upon students excelling in a natural environment. **Excel Naturally** embodies an accurate and worthy identity for SWOCC. This signature phrase highlights what is special about us and our location situated on the beautiful Oregon Coast.

## GOALS

- Create an academic and campus culture where the pursuit of excellence comes naturally.
- Be wise and appreciative stewards of the natural setting of the College and surrounding area.
- Create avenues and incentives for faculty, staff, and students to integrate the *Excel Naturally* signature into courses, partnerships, programs, conferences, marketing, and recruitment.
- Grow our programs in Forestry and Natural Resource Management.
- Employ best (nature friendly) practices on campus, in our buildings and grounds, in caring for our undeveloped lands (i.e.: habitat protection, removal of invasive species, nature trail signage, etc.).
- Emphasize the numerous opportunities for enjoying and exploring the natural areas near the College campuses in our marketing.
- Pursue nature-related conferences and workshops the College could host for the community.

**Associated Success Indicators:** 2, 3, 37, 40, 41

## PROCESS

- Under the leadership of the College Executive team, the College will create an action plan to integrate *Excel Naturally* into all aspects of campus life and learning.
- Each department (Housing, Athletics, Student Services, Instruction, Facilities, Marketing, Recruitment, Community Education, BDC, etc.) will be asked to outline steps they will take – or have already taken – to embrace and highlight the *Excel Naturally* signature.
- Campus Communication – Beginning with Fall In-service *Excel Naturally* will begin to be discussed among faculty, staff and students as a learning signature, and draft departmental plans will be created.



## **D. George Copa's "New Designs for Learning"**

New Designs for Learning is located in the new School of Education at Oregon State University and directed by George H. Copa, Professor of Education. He can be contacted at [copag@orst.edu](mailto:copag@orst.edu) or 541-737-8201.

### **New Designs for Learning**

Change is not an option--it is inevitable. And yet, many educational institutions grappling with the practical logistics of change cannot help but see change as an inconvenience and often a threat. On the other hand, what would it be like to make change a friend, not an enemy to be resisted? What would it mean to think of change as a guide to a better future for the institution and a means to become an even more significant force in strengthening our cultural state of affairs in personal, family, work, and community life? We must begin a much more earnest search for the synergies that will better connect our educational institutions to our culture in ways that free and create resources and multiply desired results. This is the challenge and the opportunity of New Designs for Learning.

### **A Bit of Background**

The research and development described in this paper began in January 1991, with the project, New Designs for the Comprehensive High School funded by the U.S. Department of Education (Copa & Pease, 1992; Copa, 1999), Office of Vocational and Adult Education through the National Center for Research in Vocational Education. That work was continued in 1996 with the project, New Designs for the Two-Year Institution of Higher Education (Copa & Ammentorp, 1997), with the same funding source. The work was done in the College of Education and Human Development at the University of Minnesota site of the Center. The project has since moved to Oregon State University and is now called New Designs for Learning because of the applications to a wide variety of contexts. The work has undergone continued refinements as it has been the focus of presentations, workshops, and technical assistance to educational institutions and state agencies at all education levels that are interested in implementing the design process and concepts.

### **Design Vision**

How should the ideal twenty-first century educational institution be designed? What should its learning experiences be like? How should the institution be organized? Who should be the staff, and what should they be doing? What should the facility look like, and how should it be equipped? And how should the institution be financed so as to operate effectively while continuing to be up-to-date in pedagogy and technology?

Envision ...

... an educational institution that reawakens the potential of all learners, staff, and community.

... an educational institution that has a special spirit that gives coherence and meaning to all dimensions of the learning experience, as well as pride and joy in its results.

... an educational institution that levels the playing field for all learners, giving multiple pathways to learn what is most valuable to know and be able to do.

... an educational institution that works so closely with the community that borders are completely blurred and blended so learning can occur any place and any time.

... an educational institution that is always vibrant, responsive, and on the cutting edge in what is learned and how it is learned.

... an educational institution that can confidently find the resources to do what it sets out to do.

This is the new vision implicit in the process and desired features for New Designs for Learning.

### **Design Process**

The New Designs for Learning process strives to provide a framework and strategy for an institution to reach for and grasp the vision portrayed above. The process has two central dimensions: Design Values and Design Elements.

### **Design Values**

Values that guide the New Designs for Learning design process serve as foundational principles or presuppositions to the way one goes about the process. The key values are:

- Involving and trusting stakeholders - closely involve those who had a stake in the educational institution and trust that they will act wisely.
- Designing down and checking up -- ask most important questions first and align responses to later questions accordingly; check back among questions and answers to see that there is coherence and consistency.
- Addressing comprehensively - consider all elements of the institution rather than focusing on only one area as many of the desired features are interrelated, one element to another.
- Building on assets - every institution has some areas of strength within its border and among its partners and external stakeholders; use these to advantage in the design process.
- Looking outside - sometimes it is necessary to literally go outside (the institution) to get back into educational excellence; those involved in the planning from outside should at least equal in number those from inside the institution.
- Provoking and respecting - the role of process facilitator is to raise questions and bring ideas and examples that provoke thinking and discussion and then respect those involved to make good decisions.
- Thinking long term - real institutional takes a long time and involves many ingredients beyond new plans or designs, including leadership, staff development, and resource.

### Design Elements

The design process consists of twelve elements, executed in a particular order, and referred to as "designing down" and "checking up." The elements of the design-down process are as follows:

**Learning Context** - Attention to the *learning context* specifically recognizes and reinforces the need to tailor the design of the educational institution to its unique situation. During this element of the design process, the focus is on the unique assets, challenges, opportunities, and aspirations of the institution under consideration. In general, *assets* are features about the institution that are working and which should be retained in the new design; *challenges* are features that are not working and which need to be fixed; *opportunities* are features that cannot be taken advantage of with the way the institution is currently operating; and *aspirations* are the future hopes and dreams for the institution.

- **Learning Audience** -- The *learning audience* in the design process and refers to who the institution school is to serve and their needs. Originally, we thought of the institutions as only serving students, young and old. However, educational institutions may also serve other organizations and communities as well as being a place for their own staff to continue to learn. Being clear about the audience for the institution can have a major impact on the institution's organization, staffing, partnerships, technology, and facilities.
- **Learning Signature** -- The *learning signature* focuses on what is to be special and unique about the educational institution under design or redesign. While most educational planning processes include consideration of mission, vision, values, and logo, these components are rarely linked together in a compelling and highly meaningful signature for the institution. The literature on effective schools and colleges concludes that giving the institution a special focus provides coherence, consistency, and spirit to the institution, and thereby adds to the quality of the learning experience and accomplishments. If the learning signature is real and meaningful, you should be able to ask anyone involved in the institution-- teacher, student, parent, custodian, or secretary --what is special about the institution and get the same basic answer. Usually, institution design groups are asked to develop a symbol, picture, phrase, story, or object that communicates clearly what will be special about the institution they are designing. A shared signature for the institution is collectively developed from personal signatures through a process of sharing, reflection, compromise, and consensus-seeking.
- **Learning Expectations** -- *Learning expectations* address what is promised in terms of learning results or outcomes from the institution being planned. The list of learning expectations represents the students' accomplishments as promised by the institution in exchange for the public's investment in teaching and learning.
- **Learning Process** -- Typically, the *learning process* consists of design specifications for curriculum, instruction, and assessment. In implementing this process, we emphasized moving from learning

expectations directly to identification of learning products that would demonstrate that the learning expectations have been achieved. Additionally, we focused on the identification and design of learning projects that would result in the desired learning products. These learning projects, which consist of learning events or activities, naturally and strategically link assessment, curriculum, and instruction-- assessment is continuous, curriculum is interdisciplinary, and instruction is "construction" with learners as active participants building their own personal knowledge. With this strategy, subject areas are necessarily and naturally integrated, learning inside the institution and in the community are both valued and closely coordinated, and learning is viewed as a continuous process all through early childhood and youth requiring seamless transitions from pre-school through elementary, middle, high, and postsecondary schools.

- **Learning Organization** -- Attention to the *learning organization* element results in decisions about how to organize the time schedule, learners, staff, learning process, decision-making, technology, and learning settings in order to best support the learning process described above. The focus of the learning organization element of the design process is on how to organize these elements. In developing desired features for learning organization, we typically divide a larger design group into small groups of four or five individuals, and have each group work on developing the specifications for one aspect of organization (for example, time, students, or technology). We ask each group to develop a list of areas of agreement as well as issues for further discussion and information gathering. Each sub-group then presents to the whole design group and, through discussion, issues are resolved or given further study and a coherent and mutually reinforcing set of organizational attributes is eventually selected.
- **Learning Partnerships** -- The *learning partnerships* element of the design process focuses on who needs to be involved in making the learning organization and learning process work to achieve the learning expectations. An important consideration involving learning partnerships is identifying the many partners, both internal and external, that are needed. For example, the list of partners for a K-12 school included: families, business and industry, government, churches, community-based organizations and agencies, higher education institutions, school staff, students, alumni, senior citizens, funding sources (that is, foundations), parent teacher associations, neighboring schools, and a regional cooperative service agency. It is also important to attend to the desired characteristics of the partners and the various resources and services that might be shared. This sharing of resources is a two-way process that includes not only external partners providing resources and services to the institution, but also includes the institution providing resources and services to the external partners. Institutions are encouraged to form a portfolio of strategic alliances, some formal and others informal, some long-term and others short-term, to support the learning process and organization. It is imperative to make the partnerships real, and not just paper transactions. Partners must be given recognition and voice in the learning experience. Extra funds may be needed for legal advice and extensive meetings to address the legal features of partnerships to everyone's satisfaction.
- **Learning Staff & Staff Development** -- It is important to consider the make-up of the *learning staff* and their desired features. Learning staff should be thought about in terms of learning teams as well as individuals. With increased emphasis on learning projects and informal learning in New Designs for Learning, students are emerging as an important component of the learning staff. And, with stronger and more intense partnerships, the partners are increasingly being viewed as a part of the learning staff. Staff development should focus on current and future needs, as well as consideration of who is in the best position to provide effective staff training. Institutions must invest in the needed staff development to make New Designs for Learning work effectively. Some New Designs sites have included a three-year professional development plan for teachers coinciding with the design and building of a new facility and unique professional development settings within the facility.
- **Learning Environment** -- The *learning environment* is frequently the point at which institution design groups choose to start their design process. We discourage this approach, because it is important to be clear about the desired features of the learning experience as a basis for designing a supporting learning environment. The learning environment, which includes decisions about technology, equipment, and

facilities, extends well beyond the school or campus buildings to include all of the learning settings used by learners (for example, workplace, home, public library, and community). Smaller learning environments placed strategically around the community optimize the use of partnerships. The close blending of school or college and community ensures that learning is rigorous and relevant. A learning environment networked by computers provides each learner with essentially her or his own personal learning environment. Designing the learning environment begins with a detailed review of the learning process, organization, partnerships, and staffing, and then selecting the best supporting environment.

- **Learning Accountability** -- *Learning accountability* addresses the need to take very seriously the recommendations and commitments of an institution's stakeholders in setting forth new designs for the institution. It ensures that there will be a reporting back on how the implementation is progressing. The design attributes for accountability describe who is responsible and when and how reporting back will occur. The focus of accountability should tie directly back to the design criteria developed in the learning context element at the beginning of the design-down process and then to the design attributes developed in response to each of the other design elements. Institution staffs are usually assigned the responsibility of developing measures or indicators of accomplishment that are acceptable to the policy-making group, typically the board/trustees in a public institution.
- **Learning Celebration** -- *Learning celebration* addresses the need to align incentives and recognition of progress and success in moving toward New Designs features. Many of our traditional learning celebrations need to be revised to communicate and reinforce the changes in learning and the operation of schools or colleges being recommended by New Designs. Annual graduation ceremonies, quarterly competitive grades, and sports trophies may not be aligned with learning expectations that focus on preparing for lifelong learning; the challenges of work, family, community, and personal responsibilities; high expectations for all learners; and productively working together as a learning community. Learning celebrations should reinforce the design specifications for all elements of the design process, particularly the learning expectations and learning signature. Learning celebrations might include: displays of student learning products located all through the institution and in many places in the community, closed circuit television screens around the institution showing the names and contributions of all the learning partnerships working on a given day, and teams of students being recognized by community-based organizations for their solutions to important community problems.
- **Learning Finance** -- The *learning finance* element of the design process focuses broadly costs and revenues for building and operating a new or restructured school or college. Our goal has remained to bring the New Designs school or college into place and to operate it for no more cost than an average existing institution. Cost considerations often involve a trade-off among technology, staffing, and partnerships. The focus on revenue often leads to exploring new sources of revenue for the institution as a partner in social and economic development of a community. Working on the learning finance element has led to developing a new financial portfolio for the institution and a plan for securing needed community awareness and political support.

The design process follows this specified sequence so as to get careful alignment among the elements and to get "first questions first." The idea is to ensure that the design fits the needs of the local situation and proceeds in a logical order from aims to actions to supporting structure, processes, and environment, and last to needed resources. The design process for New Designs for Learning has emerged from research and best practices as well as the experience of working with several schools and colleges across the United States and in other countries. No doubt, it will continue to change as we gain more experience and as changes occur in the learning context. While the New Designs process is presented in a very linear fashion, focusing on the most important questions first, there is also a need to move upwards and across all elements in the design process in order to gain the careful alignment needed for high quality and efficiency.

### **Transition to New Designs**

Putting new designs to work in the school is a major undertaking. Old paradigms and their associated practices must be challenged and, in many cases, fundamentally changed. To assist in thinking through, more operationally, the priorities and processes to move toward new designs, the New Designs elements can be used to think about and



describe the present state of affairs at the school and the new designs that the school has in mind. The new designs should be the result of working through each of the design elements in the design-down process for the school or college, similar to what was described above. What should be evident after completing the framework are the gaps between what is and what should be. These gaps can then be prioritized to identify where to focus the initial efforts of the transition to new designs.

Benchmarking is set up to identify institutions that exemplify new design ideas in practice. Using the ideas and practices from other organizations is not counterproductive to the design-down process. The desire for close alignment among design features always implies the need to adapt rather than direct copying from other places. One needs to search nationally and internationally for such institutions. Benchmark schools and colleges may be more "maverick" in implementing new innovations than simply "top-notch" schools. In some cases, the benchmark institution will be another educational organization, but it may even be more productive to look beyond educational institutions (that is, at business and industry, community-based organizations, or government agencies) for new design concepts and practices. Benchmarking studies can then be completed to identify the aims and processes that are of interest and how they were put in place. Benchmark institutions and organizations can become mentors for the school or college of concern.

### **Closing**

New Designs for Learning is an attempt to begin conversations concerning the paradigm underlying educational institutions, to question the capacity of the conventional "school or college" to survive in the turbulent environment of the future. These conversations are at the center of the change process. They are not the result of change. They are the initiators of change, making it possible for individuals to see the organization and their work in new ways. Conversations are the dynamic that transforms outdated paradigms into new patterns of thinking and acting. By way of summary, the processes of benchmarking, conversing, leadership, and organizational learning are continuous. There is, in effect, no end to the processes. The organization continues to re-design itself so that it is continually examining its context, its work patterns, and the efficacy of its structures. To lead such processes requires a vision that sets moving targets--always seeking the promises of new designs for a future where major social issues interact with resource constraints and exploding knowledge to produce a more desired state of affairs.

### **References**

Copa, George H. (1999). *New designs for learning: K-12 schools*. *CenterPoint* (6). Berkeley, CA: National Center for Research in Vocational Education. (see <http://ncrve.berkeley.edu/CenterPoint/CP6/CP6.html>)  
Copa, G. H., & Ammentorp, W. (1998). *New designs for the two-year institutions of higher education*. Berkeley, CA: National Center for Research in Vocational Education. (see <http://newdesigns.orst.edu/>)  
Copa, G. H., & Pease, V.H. (1992). *New designs for the comprehensive high school*. Berkeley, CA: National Center for Research in Vocational Education.

## **E. History on the Budgeting Process and Faculty Involvement**

Historically, **the Budget Process** has been largely overseen by administration and is discussed through administrative channels such as the Executive Team and the campus Budget Committee, then on to the Board of Education for adoption. Once a budget draft was developed by administration for faculty review, it was considered informational only as most significant decisions on funding had been finalized. Article 30 of the Full Time Faculty Bargaining Agreement (July 1, 2012- June 30, 2015) outlines that, 'faculty shall be allowed to participate in the development of the College budget through the appropriate administrative channels.'

## F. Environmental Scans

Southwestern Oregon Community College's (SWOCC) AMP has benefited from doing an environmental scan of National, State, and Local trend/data/information. Documents were posted to Angel for the team to read and/or material was distributed in meetings from the facilitator. Articles on the following topics were reviewed by the AMP team early in the AMP process.

**National trends/data/information:** Trends in Student Aid (2011), Trends in Community College Education (2011), Government Educational Policies, Reclaiming the American Dream April (2012), Community College Achievement Compact(March 2012), Pew Research Center: Future of the Internet (July 2012), American Association of Community College: Report on 21st Century Initiative Listening Tour (August 11, 2011), American Association of Community College: The Completion Agenda (April 2011)

**State trends/data/information:** Oregon Learns: Executive Summary (Or Education Investment Board) (December 2011), Oregon Labor Market Information (2010-2011), Oregon Learns: The Strategies to get to 40/40/20(August 2011), Oregon Community College Profiles (2009-2010 and 2010-2011), Retention Best Practices for Oregon Community Colleges (February 18, 2008), Task Force on Higher Education Student and Institutional Success (2011), Oregon Community College Student Persistence and Completion Strategies (January 5,2012), Oregon Community College Student Success Plan: Measure What You Treasure (September 2008)

**Local trends/data/information:** Coos and Curry Labor Market Information (2010-2011), Coos and Curry US Census Data (2010), Coos and Curry Counties Status of Oregon's Children 2010

**SWOCC trends/data/information:** Southwestern Oregon Community College Focus Groups Executive Summary(2007), Campus Conversations (date unknown), SWOCC Strategic Plans (2011/2012 and 2012/2013), SWOCC Profile (2009/10 and 2010/11),SWOCC Core Themes with Associated Strategic Plan Goals(updated 2013), SWOCC Section Leader Retreat SWOT(no date), Notes from SWOCC Entrepreneurial Meetings (November 200-March 2011), SWOCC Recruitment Plan (no date), SWOCC Success Indicators Reports (2010-2011), Enrollment Demographics (2010-2011), Appreciative Inquiry Notes (September 2009)

## G. Exhibits

- a. Future Initiative Fill-In Form
- b. Initiative Matrix Template
- c. Student Outcomes (Learning Expectations)

**SOUTHWESTERN OREGON COMMUNITY COLLEGE  
FUTURE INITIATIVES NARRATIVE FORM**

PROPOSER NAME AND CONTACT INFORMATION

AMOUNT OF PROPOSAL (IF APPLICABLE)

DEADLINE FOR COMMITTEE REVIEW

DEADLINE FOR SUBMISSION

PROJECT TITLE AND BRIEF DESCRIPTION OF DURATION, LOCATION, PURPOSE:

DESCRIBE THE 'NEED' THAT THE INITIATIVE ADDRESSES:

DESCRIBE YOUR EXPERIENCE AND/OR AVAILABLE SWOCC EXPERTISE IN THE PROJECT AREA:

DESCRIBE YOUR ABILITY TO MANAGE FINANCIAL REQUIREMENTS:

IDENTIFY ALL STAKEHOLDERS INCLUDING COLLEGE PARTNERS AND MAJOR SUBCONTRACTORS:

IDENTIFY ALL NEEDED COLLEGE RESOURCES SUCH AS OFFICE SPACE, PERSONNEL (ADMINISTRATIVE AND IT PERSONNEL), AND MATCHING FUNDS REQUESTED:

DESCRIBE THE LONG TERM FINANCIAL COMMITMENT AND SUSTAINABILITY OF THE INITIATIVES ACTIVITIES:

PROVIDE FUNDING AGENCY CONTACT INFORMATION, HISTORY OF FUNDED AND/OR UNFUNDED PROPOSALS, COMPETITION AND FUNDING PROBABILITIES:

Exhibit a

DESCRIBE HOW THE INITIATIVE ADDRESSES ONE OR MORE OF THE COLLEGE'S CORE THEMES –  
INCLUDE WHICH SUCCESS INDICATORS (S.I.) FROM THE COLLEGE'S STRATEGIC PLAN WILL BE ADDRESSED BY  
THE PROPOSAL:

- ☐ **ACCESS** – DESCRIBE HOW THE PROJECT ACTIVITIES ENSURE ACCESS TO DIVERSE LEARNING OPPORTUNITIES  
AND/OR PROVIDE ACCESS TO SUPPORT SERVICES FOR STUDENTS AND THE COMMUNITY:

OUTLINE A PLAN TO MEASURE AND EVALUATE HOW ACTIVITIES WILL MEET ACCESS OBJECTIVES AS  
DESCRIBED ABOVE:

- ☐ **LEARNING AND ACHIEVEMENT** – DESCRIBE HOW THE PROJECT MAINTAINS AND DEVELOPS QUALITY  
LEARNING OPPORTUNITIES TO ENCOURAGE STUDENT ACHIEVEMENT AND SUPPORT STUDENT LIFE LONG  
LEARNING AND ATTAINMENT OF GOALS:

OUTLINE A PLAN TO MEASURE AND EVALUATE HOW ACTIVITIES WILL MEET LEARNING AND ACHIEVEMENT  
OBJECTIVES AS DESCRIBED ABOVE:

- ☐ **INNOVATION AND SUSTAINABILITY** – DESCRIBE HOW THE PROJECT SUPPORTS SUSTAINABILITY AND GROWTH  
OF THE COLLEGE THROUGH PLANNING, BUDGETING, AND ASSESSMENT OUTLINING HOW RESOURCES ARE  
ALLOCATED TO SUPPORT CONTINUOUS IMPROVEMENT FOR STRONG INFRASTRUCTURE OF EMPLOYEES,  
TECHNOLOGIES, AND FACILITIES:

OUTLINE A PLAN TO MEASURE AND EVALUATE HOW ACTIVITIES WILL MEET INNOVATION AND  
SUSTAINABILITY OBJECTIVES AS DESCRIBED ABOVE:

- ☐ **COMMUNITY ENGAGEMENT** – DESCRIBE HOW THE PROJECT SUSTAINS AND BUILDS STRONG COMMUNITY,  
BUSINESS, AND AGENCY PARTNERSHIPS AND PROMOTES OR PROVIDES DIVERSE ACTIVITIES AND EVENTS FOR  
THE COMMUNITY TO ENGAGE IN:

OUTLINE A PLAN TO MEASURE AND EVALUATE HOW ACTIVITIES MEET COMMUNITY ENGAGEMENT  
OBJECTIVES AS DESCRIBED ABOVE:

REVIEWER COMMENTS:

RECOMMENDATIONS:

REVIEWER DECISION:



## Southwestern Oregon Community College Future Initiative Matrix

<b>Initiative Title:</b>			
<b>SWOCC Contact Person:</b>		<b>Name of Reviewer:</b>	
<b>Factors</b>	<b>Rating Scale 0 - 5</b>	<b>N/A</b>	<b>Rating</b>
<b>1. SUPPORTS ONE OR MORE OF THE CORE THEMES Success Indicators (SI):</b>			
<b>a. Access</b>			
<b>b. Learning &amp; Achievement</b>			
<b>c. Innovation &amp; Sustainability</b>			
<b>d. Community Engagement</b>			
<b>2. PARTNERSHIPS</b>			
<b>3. RESOURCE SUFFICIENCY/ CAPACITY</b> (available college resources: space, personnel, financial resources)			
<b>4. DESIGN</b>			
<b>5. MARKET DEMAND: Regional, State and National Trends/ Opportunities</b>			
<b>6. FINANCIAL IMPACT</b> Include other funding sources			
<b>7. SUSTAINABILITY OF THE INITIATIVE</b>			
<b>8. PERSONNEL</b>			
<b>9. ALIGNMENT</b>			
<b>10. RETENTION AND COMPLETION</b>			
<b>TOTAL SCORE</b>			

Comments:

Exhibit b

Signature of Reviewer: \_\_\_\_\_

Date: \_\_\_\_\_

Approved: YES NO

## Exhibit c

### Learning Expectation (Outcomes) statements Revision: January 2013

Students graduating from Southwestern Oregon Community College with a **one or two-year program** are expected to have gained the knowledge, skills and attitudes (dispositions) and to demonstrate competency for the following institutional general learning outcomes:

- **Communication** Students completing a degree will be able to demonstrate effective knowledge, skills and attitudes in reading, writing, speaking, and listening, presentation of self and information.
- **Computation** Students completing a degree will be able to demonstrate effective knowledge, skills and attitudes in technology skills, computer proficiency, math proficiency, decision analysis (synthesis & evaluation), understanding of and ability to apply mathematical concepts and reasoning, analyzing and using numerical data.
- **Creative, Critical & Analytical Thinking** Students completing a degree will be able to demonstrate effective knowledge, skills and attitudes using curiosity, learning strategies, information gathering, analysis, synthesis, evaluation, creativity, research, and problem solving.
- **Community/Global Consciousness & Responsibility** Students completing a degree will be able to demonstrate effective knowledge, skills and attitudes involving respect, citizenship, cultural awareness, interpersonal skills, ethics, lifelong learning, community service, self-esteem, integrity, **stewardship of natural resources** and empathy.
- **Discipline Content** Students completing a degree will be able to demonstrate effective skills and attitudes that are specific to a discipline or career.

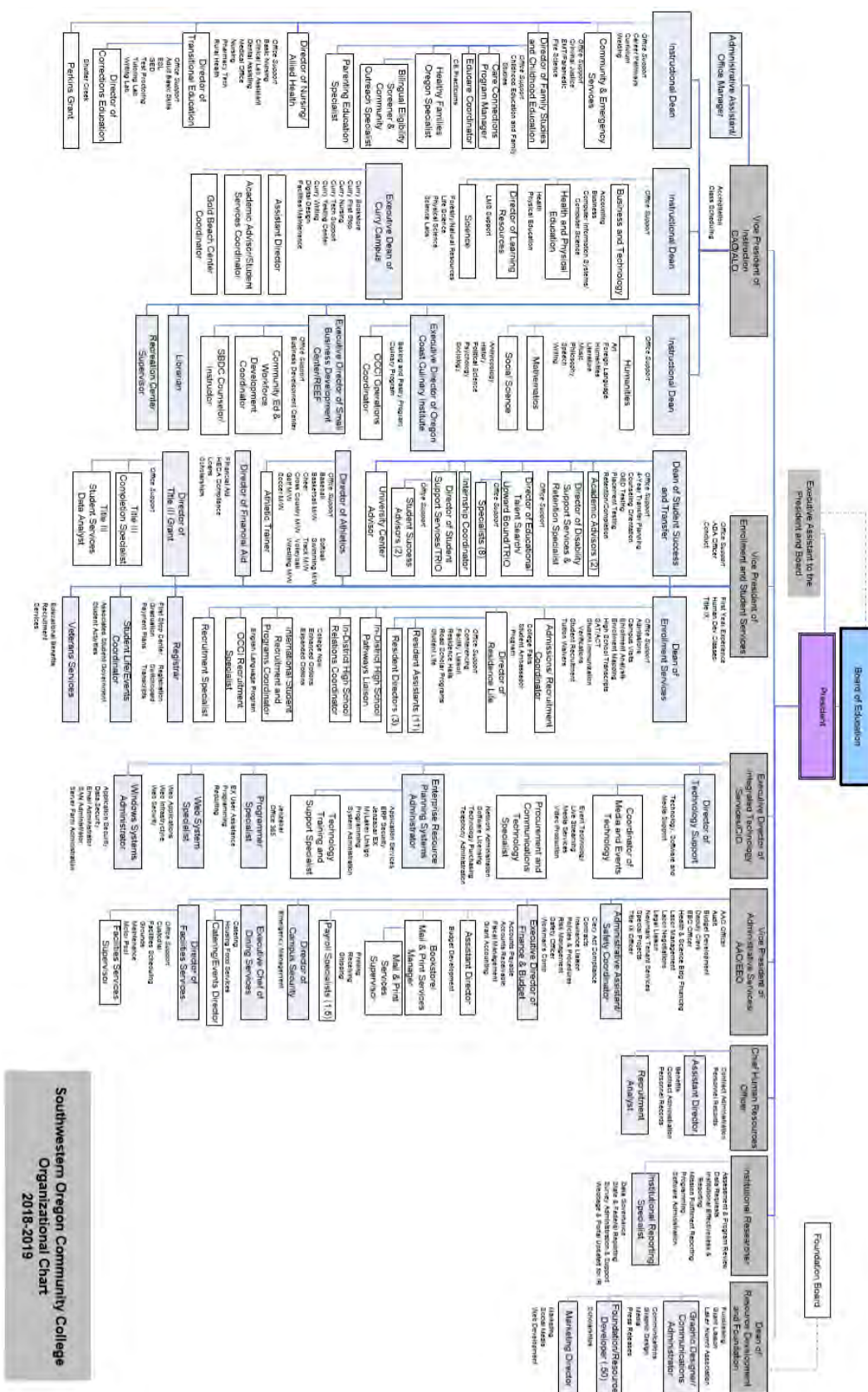
Students enrolled in Transitional Education will be expected to meet the federal and state performance guidelines as they move through and transition out of Transitional Education.

All students completing a certificate will demonstrate proficiency in identified skill sets of the certificate. Skill sets of certificates will meet the relevant academic business and/or industry standards.

All students completing a Southwestern course will be expected to demonstrate effective skills and attitudes that are specific to that course.

All students will be welcomed into the Southwestern community of learners and **will be encouraged to** identify as SWOCC students.

## H. SOCC ADMINISTRATION ORGANIZATIONAL CHART



# **Classroom and Teaching Lab Utilization Analysis**



# Classroom and Teaching Laboratory Utilization Analysis

September 2018

PAULIEN & ASSOCIATES

SOUTHWESTERN OREGON COMMUNITY COLLEGE



## Introduction

SOUTHWESTERN OREGON COMMUNITY COLLEGE

## **Classroom and Teaching Laboratory Utilization**

Paulien analyzed the utilization of classrooms and teaching laboratories at Southwestern Oregon Community College for Fall 2017. The outcomes provide the College with analytics to help in decision-making regarding instructional space needs and scheduling.

Instructional space utilization employs a quantitative approach in determining space use patterns. Typically, this includes an evaluation of the number of hours per week the space is in use and the number of students enrolled in the course compared to the capacity of the space.

The analysis indicates that the 36 classrooms on the Southwestern Coos campus are used on average 17 hours per week with 55% of the student stations occupied. The 7 classrooms on the Curry campus are used on average 11 hours per week with 38% of the student stations occupied. The 37 teaching laboratories on the Coos campus are used on average 16 hours per week with 82% of the student stations occupied. The 6 teaching labs on the Curry campus are used on average 8 hours per week with 54% of the student stations occupied.

Classrooms range in size from 13 to 100 student stations, with the larger rooms averaging lower student station occupancy.

While College utilization is below typical expectations, Southwestern should evaluate whether the current teaching spaces are educationally appropriate before making changes to the number of teaching spaces on campus. Do they support the desired pedagogy? Are there too many chairs in the space? What is the appropriate capacity grouping on campus?

### **Report Organization**

This report is organized into five sections:

- |  |         |
|--|---------|
| • Campus-wide utilization summaries                    | Page 6  |
| • Classroom utilization analysis by building           | Page 13 |
| • Teaching laboratory utilization analysis by building | Page 27 |
| • Classroom utilization by room                        | Page 43 |
| • Teaching laboratory utilization by room              | Page 85 |

### **Utilization Expectations**

Thirty-six states have some type of classroom utilization guideline for community colleges. The most common guidelines are 32-38 weekly room hours with 65%-70% student station occupancy.

Thirty-four states have teaching laboratory guidelines. The most common are 24-28 weekly room hours for technical labs and 28-30 weekly room hours for computer labs. The student station occupancy guideline ranges from 76% to 80%.

The scheduled weekly room hour expectation for teaching laboratories is less than scheduled use of classrooms due to the need for preparation time of specialized equipment prior to class. Conversely, the student station occupancy is normally higher as the number enrolled in a laboratory course is more closely monitored, safety being a key issue as well as the limitations of faculty observation.

Southwestern classrooms and teaching laboratories with low utilization should be evaluated to determine factors impacting utilization. Sections 4 and 5 of this report show the utilization outcomes for each teaching space and lists the courses held in the space during Fall 2017.



## **Instructional Space Classification**

- Classrooms are defined as regularly scheduled spaces suitable for instruction by any discipline.
- A conference room or meeting room used occasionally for regularly scheduled instruction is not classified as a classroom. Auditoria that have limited scheduling capabilities due to productions or that are reserved for special occasions should not be considered classroom space.
- Teaching laboratories are defined as having regularly scheduled classes that require discipline-specific equipment for group instruction, participation, observation, experimentation, or practice.
- Open and research laboratories are not included in this category nor are labs or studios for which there is not a regular schedule.
- A space classified as a classroom or teaching laboratory has utilization expectations.

## **Weekly Room Hour Calculation**

- The utilization of classrooms and teaching laboratories was examined using Southwestern's Fall 2017 course and facilities data.
- The number of student stations for each classroom and teaching laboratory was provided by the College.
- Scheduled use is defined as credit hour use verifiable through the Registrar's course data.
- The utilization analysis included classroom and teaching laboratory utilization analyzing average weekly room hour use and student station occupancy percentage.
- A weekly room hour, not to be confused with a credit hour, is defined as the length of time multiplied by the number of days per week a course meets throughout the semester.

## **Limitations of the Analysis**

Paulien analyzed utilization based upon course and facilities data provided by Southwestern Oregon Community College. This data provides a snapshot in time and recognizes that changes constantly occur on a college campus.

This study does not consider those spaces that would normally fall out of the category of regularly scheduled classrooms and teaching laboratories.

The analysis is quantitative only. It does not include consideration of the condition of the space.

## Classroom Utilization

The average of 17 scheduled weekly room hours (WRH) for Southwestern classrooms on the Coos campus and 11 WRH on the Curry campus is below the typical community college expectation of 32-38 WRH. During the hours the rooms are in use, the average student station occupancy of 55% on the Coos campus and 38% on the Curry campus is also below the 65%-70% typical guideline for classroom utilization.

Classroom utilization metrics by room indicate that rooms with a capacity less than 20 are scheduled fewer hours per week than other room sizes and rooms with a capacity over 50 have a low student station occupancy. This is typical at most colleges. Almost half of the classrooms on the Coos campus have a capacity between 21 and 25 but are scheduled on average only 15 hours per week.

### Classroom Utilization Analysis by Building Summary

Building Name and ID	No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Child Family and Resource Center <i>CFCR</i>	1	0	0	8	0.3	4	7%
Coaledo Hall <i>COALED</i>	1	0	0	0	0.0	0	0%
Empire Hall <i>EMPR</i>	2	0	0	26	11.4	39	35%
Family Center <i>FAM</i>	1	0	0	11	2.5	20	13%
Newmark Center <i>NEW</i>	1	0	0	2	0.7	9	8%
Oregon Coast Culinary Institute <i>OCCI</i>	1	0	0	31	4.8	15	31%
Sitkum Hall <i>SITKUM</i>	12	0	0	18	12.8	17	74%
Stensland Hall <i>STENSLA</i>	7	0	0	14	10.6	20	51%
Tioga Hall <i>TIOGA</i>	10	0	0	16	9.2	14	58%
<i>Total No. of Rooms = 36</i>	<b>AVERAGE</b>	0	0	16	8.7	17	55%
Curry Campus <i>CC1</i>	7	0	0	7	4.4	11	38%
<i>Total No. of Rooms = 7</i>	<b>AVERAGE</b>	0	0	7	4.4	11	38%

### Classroom Utilization Analysis by Capacity Summary

Classroom Capacity Grouping	No. of Rooms	No. of Seats	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
20 and Under	3	41	0	0	3	1.0	2	51%
21 - 25	15	364	0	0	15	9.4	15	65%
26 - 30	6	169	0	0	14	9.5	16	62%
31 - 35	4	132	0	0	19	17.2	32	54%
36 - 40	1	40	0	0	13	8.7	22	39%
41 - 45	1	42	0	0	18	9.0	21	43%
46 - 50	1	50	0	0	42	20.3	24	84%
51 - 60	1	57	0	0	14	9.3	31	30%
76 - 100	4	400	0	0	22	4.1	15	27%
<i>Total No. of Rooms = 36</i>	<b>AVERAGE</b>		0	0	16	8.7	17	55%
<b>Curry Campus</b>								
20 and Under	1	15	0	0	6	3.8	10	39%
21 - 25	4	100	0	0	6	3.1	10	30%
26 - 30	2	60	0	0	8	6.9	14	50%
<i>Total No. of Rooms = 7</i>	<b>AVERAGE</b>		0	0	7	4.4	11	38%

## Classroom Use by Day and Time

The charts below indicate the number of classrooms in use at various times throughout the day. The darker color indicates more intense use. Use is greatest between 9:00 and noon at the Coos campus, including Friday which is unusual for a community college. Use is greatest in the evening on the Curry campus. At no time are more than approximately half of the classrooms scheduled for instruction on either campus.

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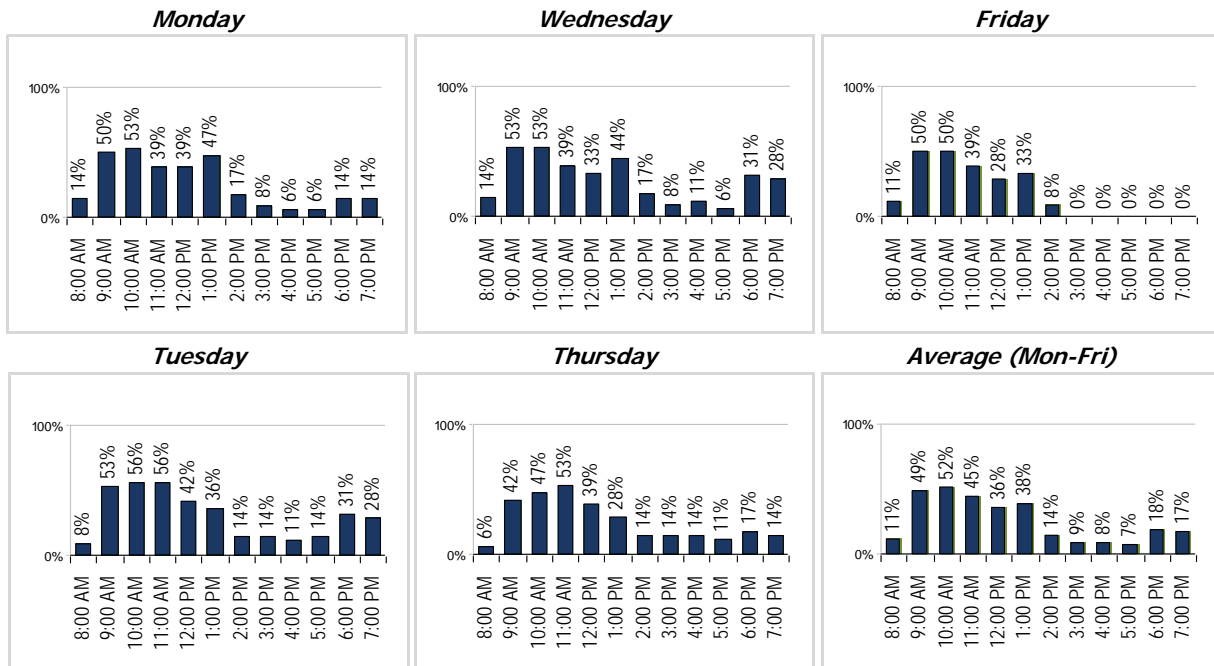
#### Scheduled Classroom Use by Day and Time (Fall 2017)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	5	14%	3	8%	5	14%	2	6%	4	11%	4	11%
9:00 AM	18	50%	19	53%	19	53%	15	42%	18	50%	18	49%
10:00 AM	19	53%	20	56%	19	53%	17	47%	18	50%	19	52%
11:00 AM	14	39%	20	56%	14	39%	19	53%	14	39%	16	45%
12:00 PM	14	39%	15	42%	12	33%	14	39%	10	28%	13	36%
1:00 PM	17	47%	13	36%	16	44%	10	28%	12	33%	14	38%
2:00 PM	6	17%	5	14%	6	17%	5	14%	3	8%	5	14%
3:00 PM	3	8%	5	14%	3	8%	5	14%	0	0%	3	9%
4:00 PM	2	6%	4	11%	4	11%	5	14%	0	0%	3	8%
5:00 PM	2	6%	5	14%	2	6%	4	11%	0	0%	3	7%
6:00 PM	5	14%	11	31%	11	31%	6	17%	0	0%	7	18%
7:00 PM	5	14%	10	28%	10	28%	5	14%	0	0%	6	17%

Total classrooms = 36

(Darker colors indicate a large percentage of rooms are scheduled.)

#### Percent of Classrooms In Use



Total classrooms = 36

## Classroom Use by Day and Time (cont.)

**SOUTHWESTERN OREGON CC • CURRY CAMPUS**

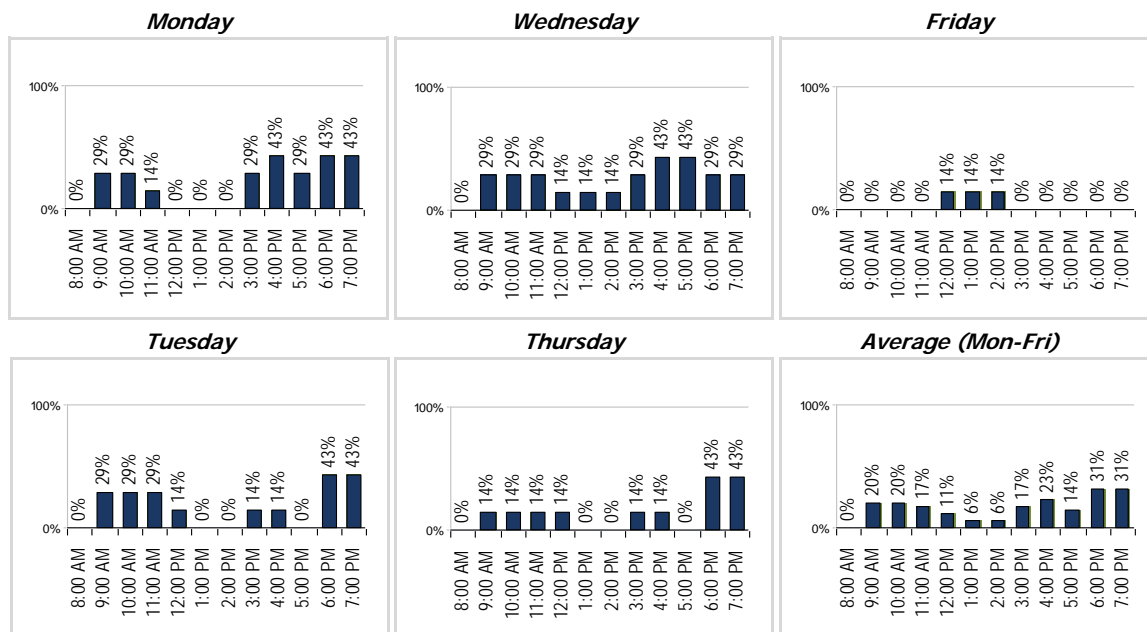
Scheduled Classroom Use by Day and Time (Fall 2017)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9:00 AM	2	29%	2	29%	2	29%	1	14%	0	0%	1	20%
10:00 AM	2	29%	2	29%	2	29%	1	14%	0	0%	1	20%
11:00 AM	1	14%	2	29%	2	29%	1	14%	0	0%	1	17%
12:00 PM	0	0%	1	14%	1	14%	1	14%	1	14%	1	11%
1:00 PM	0	0%	0	0%	1	14%	0	0%	1	14%	0	6%
2:00 PM	0	0%	0	0%	1	14%	0	0%	1	14%	0	6%
3:00 PM	2	29%	1	14%	2	29%	1	14%	0	0%	1	17%
4:00 PM	3	43%	1	14%	3	43%	1	14%	0	0%	2	23%
5:00 PM	2	29%	0	0%	3	43%	0	0%	0	0%	1	14%
6:00 PM	3	43%	3	43%	2	29%	3	43%	0	0%	2	31%
7:00 PM	3	43%	3	43%	2	29%	3	43%	0	0%	2	31%

Total classrooms = 7

(Darker colors indicate a large percentage of rooms are scheduled.)

## Percent of Classrooms In Use



Total classrooms = 7



## Teaching Laboratory Utilization

The average scheduled instruction time in laboratories on the Coos campus is 16 WRH. On the Curry campus it is 8 WRH. High lab use in Sumner Hall and the Oregon Coast Culinary Institute is offset by very low use in Empire Hall and Fairview Hall.

Student station occupancy when the labs are scheduled on the Coos campus at 70% is near the typical guideline expectation of 76%-80%. Occupancy of 54% on the Curry campus is below typical expectations.

### Teaching Laboratory Utilization Analysis by Building - Summary

Building Name and ID		No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
B2	B2	1	0	0	19	8.0	12	67%
Coaledo Hall	COALED	5	0	0	22	11.7	18	67%
Eden Hall	EDEN	4	0	0	23	9.5	19	64%
Empire Hall	EMPR	1	0	0	10	1.7	6	29%
Fairview Hall	FAIRVIE	3	0	0	12	3.5	6	55%
Oregon Coast Culinary Institute	OCCI	5	0	0	34	24.2	29	110%
Prosper Hall	PROS	2	0	0	15	5.7	13	45%
Recreation Center	REC	9	0	0	16	6.3	10	63%
Sumner Hall	SUMNER	5	0	0	13	11.6	23	49%
Sunset Hall	SUNSET	2	0	0	8	5.9	15	35%
Total No. of Rooms = 37		AVERAGE	0	0	19	11.0	16	70%
Curry Campus	CC1	6	0	0	12	5.2	8	54%
Total No. of Rooms = 6		AVERAGE	0	0	12	5.2	8	54%

## Teaching Laboratory Use by Day and Time

The charts below indicate the number of teaching labs in use at various times throughout the day. Greatest use is 9:00 to 10:00 Tuesday and 11:00 to 12:00 Thursday on the Coos campus and 10:00 to 11:00 Tuesday and 1:00 to 4:00 Wednesday on the Curry campus, when approximately half of the labs are scheduled.

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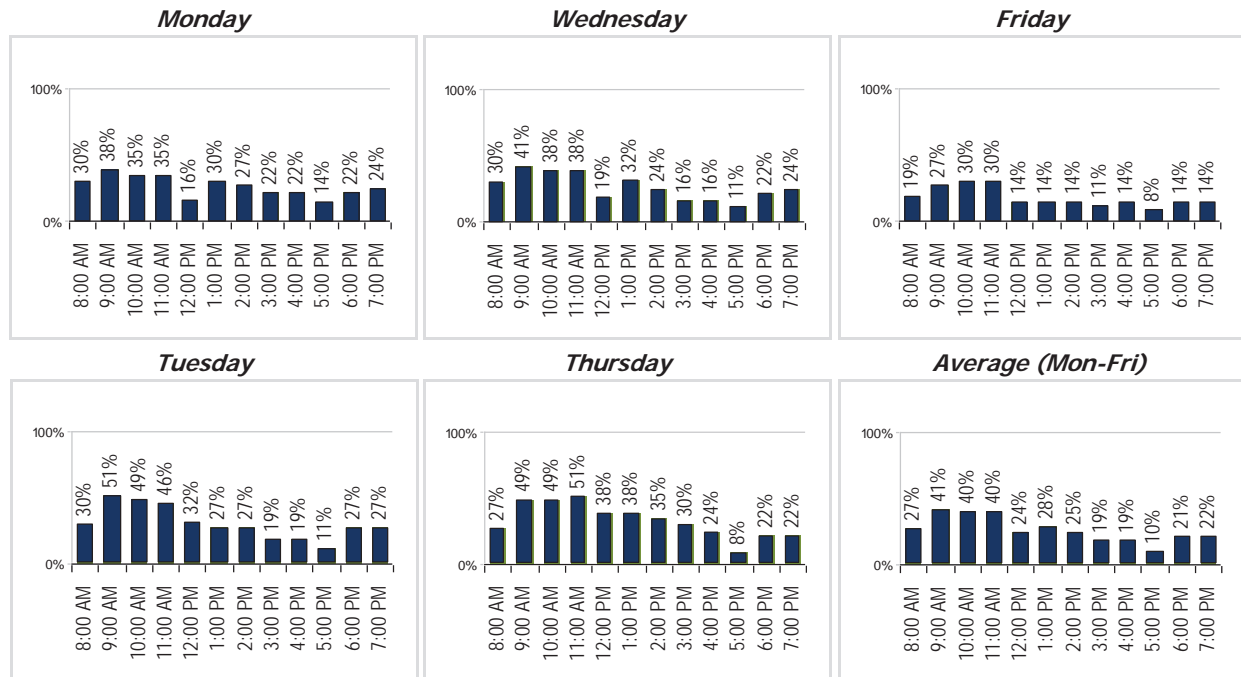
#### Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	11	30%	11	30%	11	30%	10	27%	7	19%	10	27%
9:00 AM	14	38%	19	51%	15	41%	18	49%	10	27%	15	41%
10:00 AM	13	35%	18	49%	14	38%	18	49%	11	30%	15	40%
11:00 AM	13	35%	17	46%	14	38%	19	51%	11	30%	15	40%
12:00 PM	6	16%	12	32%	7	19%	14	38%	5	14%	9	24%
1:00 PM	11	30%	10	27%	12	32%	14	38%	5	14%	10	28%
2:00 PM	10	27%	10	27%	9	24%	13	35%	5	14%	9	25%
3:00 PM	8	22%	7	19%	6	16%	11	30%	4	11%	7	19%
4:00 PM	8	22%	7	19%	6	16%	9	24%	5	14%	7	19%
5:00 PM	5	14%	4	11%	4	11%	3	8%	3	8%	4	10%
6:00 PM	8	22%	10	27%	8	22%	8	22%	5	14%	8	21%
7:00 PM	9	24%	10	27%	9	24%	8	22%	5	14%	8	22%

Total laboratories = 37

#### Percent of Laboratories In Use



## Teaching Laboratory Use by Day and Time (cont.)

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

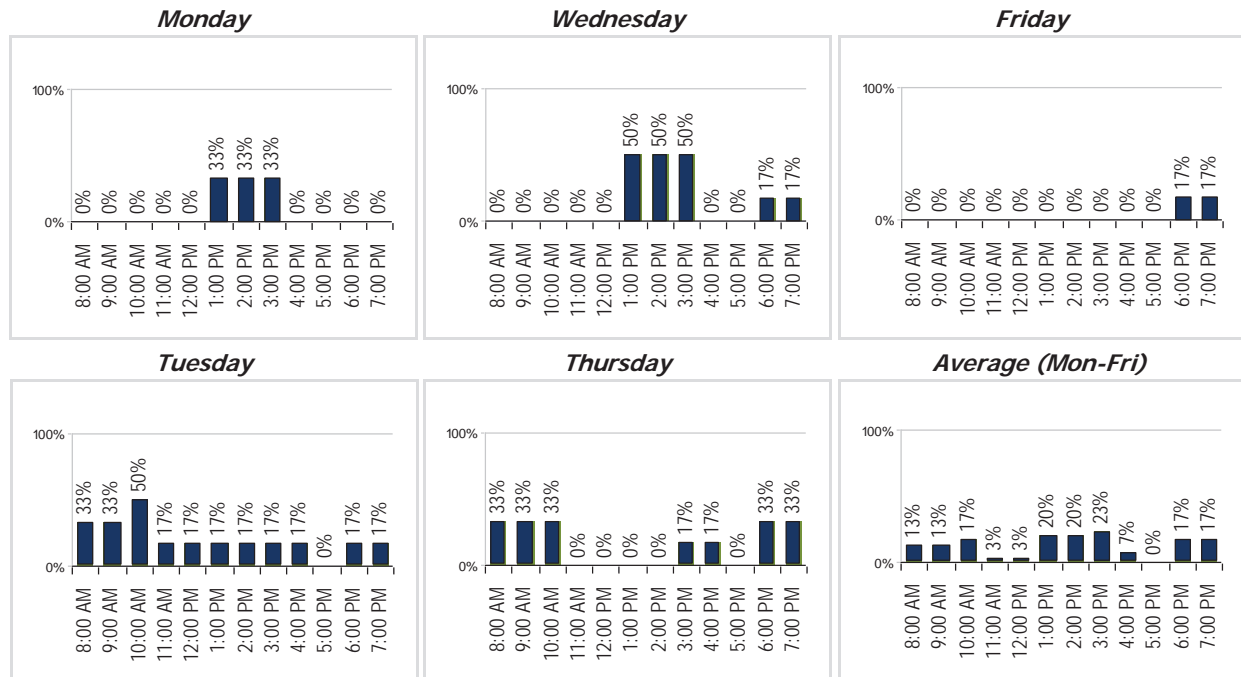
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	2	33%	0	0%	2	33%	0	0%	1	13%
9:00 AM	0	0%	2	33%	0	0%	2	33%	0	0%	1	13%
10:00 AM	0	0%	3	50%	0	0%	2	33%	0	0%	1	17%
11:00 AM	0	0%	1	17%	0	0%	0	0%	0	0%	0	3%
12:00 PM	0	0%	1	17%	0	0%	0	0%	0	0%	0	3%
1:00 PM	2	33%	1	17%	3	50%	0	0%	0	0%	1	20%
2:00 PM	2	33%	1	17%	3	50%	0	0%	0	0%	1	20%
3:00 PM	2	33%	1	17%	3	50%	1	17%	0	0%	1	23%
4:00 PM	0	0%	1	17%	0	0%	1	17%	0	0%	0	7%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	0	0%	1	17%	1	17%	2	33%	1	17%	1	17%
7:00 PM	0	0%	1	17%	1	17%	2	33%	1	17%	1	17%

Total laboratories = 6

## Percent of Laboratories In Use





# **Classroom Utilization Analysis by Building**

SOUTHWESTERN OREGON COMMUNITY COLLEGE



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Classroom Utilization Analysis by Building

Room ID	Space Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<b>Child Family and Resource Center</b>									<b>No. of Rooms = 1</b>
CFCR NULL	110	0	100	0	8	32	0.3	4	7%
<i>Average</i>			100		8		0.3	4	7%
<i>Total</i>			100			32		4	
<b>Coaledo Hall</b>									<b>No. of Rooms = 1</b>
COALEDO 5	110	0	14	0	0	0	0.0	0	0%
<i>Average</i>			14		0		0.0	0	0%
<i>Total</i>			14			0		0	
<b>Empire Hall</b>									<b>No. of Rooms = 2</b>
EMPR LVE	110	0	100	0	40	896	9.0	22	41%
EMPR LVG	110	0	35	0	11	646	18.5	57	33%
<i>Average</i>			68		26		11.4	39	35%
<i>Total</i>			135			1,542		79	
<b>Family Center</b>									<b>No. of Rooms = 1</b>
FAM 105	110	0	100	0	11	249	2.5	20	13%
<i>Average</i>			100		11		2.5	20	13%
<i>Total</i>			100			249		20	
<b>Newmark Center</b>									<b>No. of Rooms = 1</b>
NEW 211	110	0	30	0	2	21	0.7	9	8%
<i>Average</i>			30		2		0.7	9	8%
<i>Total</i>			30			21		9	
<b>Oregon Coast Culinary Institute</b>									<b>No. of Rooms = 1</b>
OCCI 104	110	0	100	0	31	482	4.8	15	31%
<i>Average</i>			100		31		4.8	15	31%
<i>Total</i>			100			482		15	

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Classroom Utilization Analysis by Building

Room ID	Space Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<b>Sitkum Hall</b>									<i>No. of Rooms = 12</i>
SITKUM 1	110	0	31	0	22	606	19.5	27	72%
SITKUM 10	110	0	29	0	19	314	10.8	16	68%
SITKUM 11	110	0	24	0	17	482	20.1	29	69%
SITKUM 12	110	0	24	0	13	87	3.6	7	52%
SITKUM 13	110	0	34	0	26	692	20.4	26	78%
SITKUM 3	110	0	28	0	17	300	10.7	18	60%
SITKUM 4	110	0	27	0	13	140	5.2	10	52%
SITKUM 5	110	0	14	0	8	43	3.1	6	51%
SITKUM 6	110	0	22	0	18	315	14.3	18	80%
SITKUM 7	110	0	24	0	22	221	9.2	10	92%
SITKUM 8	110	0	25	0	23	400	16.0	17	94%
SITKUM 9	110	0	22	0	20	298	13.5	15	90%
<i>Average</i>			25		18		12.8	17	74%
<i>Total</i>			304			3,898		199	
<b>Stensland Hall</b>									<i>No. of Rooms = 7</i>
STENSLAND 101	110	0	13	0	0	0	0.0	0	0%
STENSLAND 201	110	0	26	0	20	732	28.2	36	78%
STENSLAND 202	110	0	40	0	13	347	8.7	22	39%
STENSLAND 203	110	0	57	0	14	527	9.3	31	30%
STENSLAND 204	110	0	42	0	18	378	9.0	21	43%
STENSLAND 205	110	0	23	0	11	160	7.0	13	52%
STENSLAND 206	110	0	32	0	18	327	10.2	18	57%
<i>Average</i>			33		14		10.6	20	51%
<i>Total</i>			233			2,471		141	
<b>Tioga Hall</b>									<i>No. of Rooms = 10</i>
TIOGA 105	110	0	29	0	16	93	3.2	6	53%
TIOGA 303	110	0	25	0	20	165	6.6	7	94%
TIOGA 305	110	0	25	0	6	111	4.4	19	23%
TIOGA 3RD	110	0	50	0	42	1,016	20.3	24	84%
TIOGA 401	110	0	25	0	14	303	12.1	23	53%
TIOGA 403	110	0	25	0	12	189	7.6	19	40%
TIOGA 407	110	0	25	0	11	44	1.8	4	44%
TIOGA 408	110	0	25	0	9	46	1.8	4	46%
TIOGA 409	110	0	25	0	21	416	16.6	20	83%
TIOGA 410	110	0	25	0	12	179	7.2	14	52%
<i>Average</i>			28		16		9.2	14	58%
<i>Total</i>			279			2,562		140	
<b>AVERAGE</b>			36		16		8.7	17	55%
<b>TOTAL</b>			1,295			11,257		607	
<b>NO. OF ROOMS</b>			36						

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Classroom Utilization Analysis by Building

Room ID	Space Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<b>Curry Campus</b>									<i>No. of Rooms = 7</i>
CC1 109	110	0	15	0	6	57	3.8	10	39%
CC1 118	110	0	25	0	11	212	8.5	19	44%
CC1 206	110	0	30	0	15	416	13.9	28	50%
CC1 208	110	0	25	0	5	10	0.4	2	20%
CC1 232	110	0	30	0	0	0	0.0	0	0%
CC1 233	110	0	25	0	5	35	1.4	8	18%
CC1 234	110	0	25	0	5	49	2.0	11	18%
<i>Average</i>			25		7		4.4	11	38%
<i>Total</i>			175			778		78	
<b>AVERAGE</b>			25		7		4.4	11	38%
<b>TOTAL</b>			175			778		78	
<b>NO. OF ROOMS</b>			7						

**SOUTHWESTERN OREGON CC • MAIN CAMPUS**

## Child Family and Resource Center

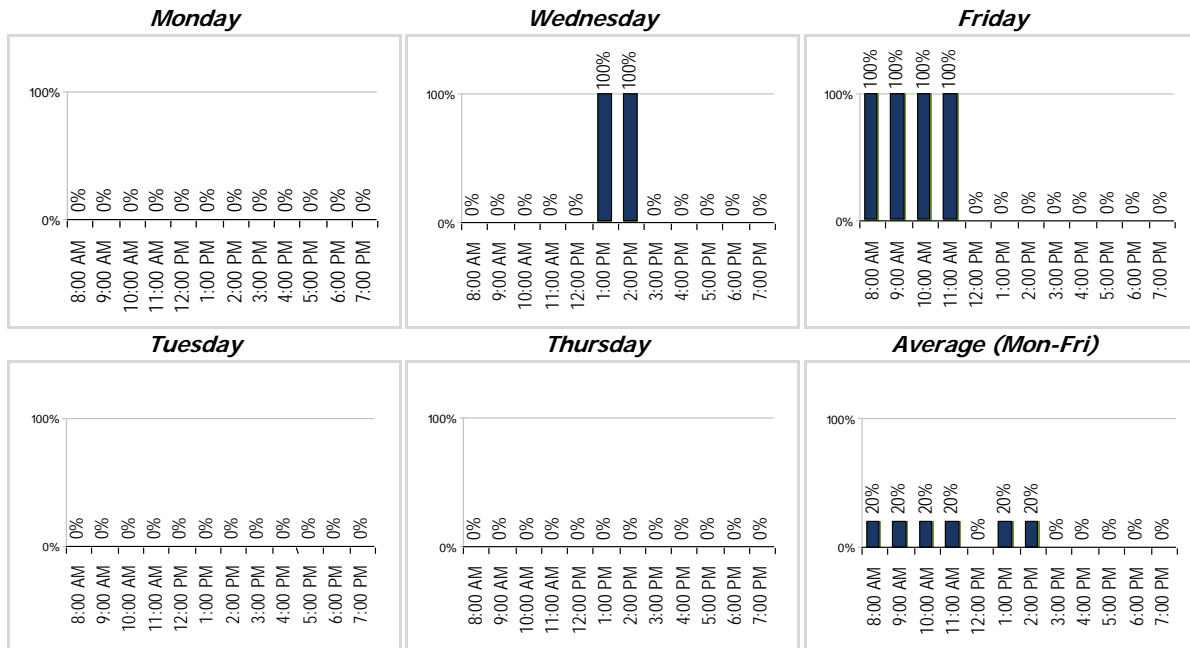
## Scheduled Classroom Use by Day and Time (Fall 2017)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	0	0%	0	0%	0	0%	1	100%	0	20%
9:00 AM	0	0%	0	0%	0	0%	0	0%	1	100%	0	20%
10:00 AM	0	0%	0	0%	0	0%	0	0%	1	100%	0	20%
11:00 AM	0	0%	0	0%	0	0%	0	0%	1	100%	0	20%
12:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1:00 PM	0	0%	0	0%	1	100%	0	0%	0	0%	0	20%
2:00 PM	0	0%	0	0%	1	100%	0	0%	0	0%	0	20%
3:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
4:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

Total classrooms = 1

(Darker colors indicate a large percentage of rooms are scheduled.)

## Percent of Classrooms In Use



Total classrooms = 1

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Empire Hall

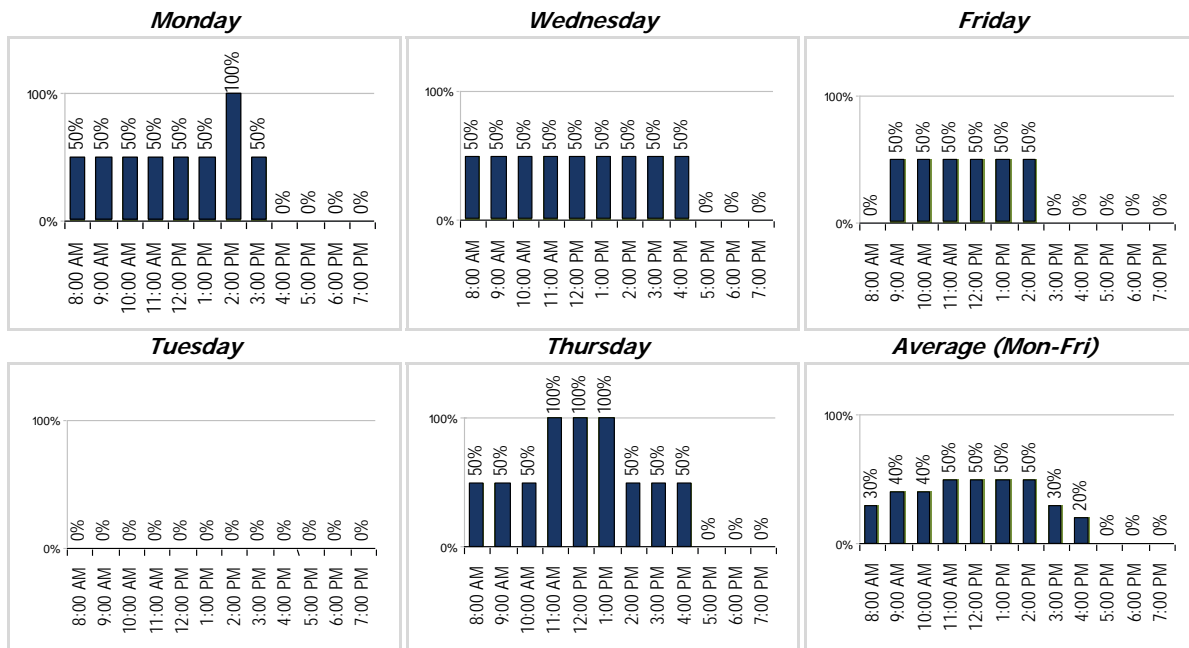
## Scheduled Classroom Use by Day and Time (Fall 2017)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	1	50%	0	0%	1	50%	1	50%	0	0%	1	30%
9:00 AM	1	50%	0	0%	1	50%	1	50%	1	50%	1	40%
10:00 AM	1	50%	0	0%	1	50%	1	50%	1	50%	1	40%
11:00 AM	1	50%	0	0%	1	50%	2	100%	1	50%	1	50%
12:00 PM	1	50%	0	0%	1	50%	2	100%	1	50%	1	50%
1:00 PM	1	50%	0	0%	1	50%	2	100%	1	50%	1	50%
2:00 PM	2	100%	0	0%	1	50%	1	50%	1	50%	1	50%
3:00 PM	1	50%	0	0%	1	50%	1	50%	0	0%	1	30%
4:00 PM	0	0%	0	0%	1	50%	1	50%	0	0%	0	20%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

Total classrooms = 2

(Darker colors indicate a large percentage of rooms are scheduled.)

## Percent of Classrooms In Use



Total classrooms = 2

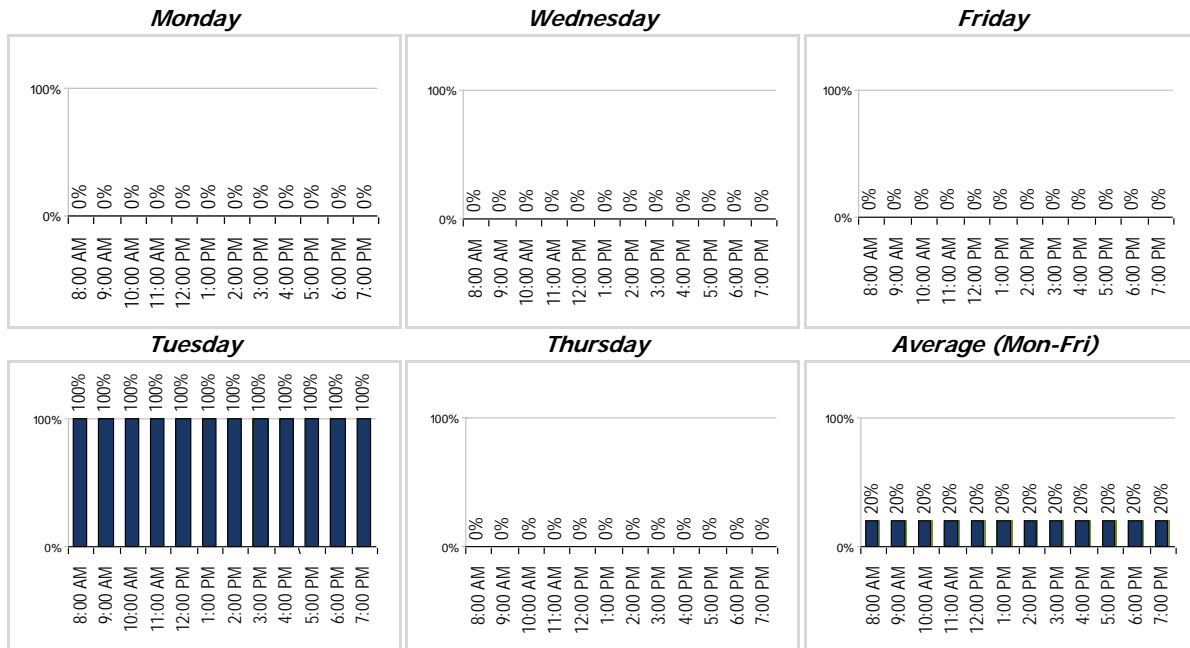


**SOUTHWESTERN OREGON CC • MAIN CAMPUS****Family Center****Scheduled Classroom Use by Day and Time (Fall 2017)**

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
9:00 AM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
10:00 AM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
11:00 AM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
12:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
1:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
2:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
3:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
4:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
5:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
6:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
7:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%

Total classrooms = 1

(Darker colors indicate a large percentage of rooms are scheduled.)

**Percent of Classrooms In Use**

Total classrooms = 1

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

Newmark Center

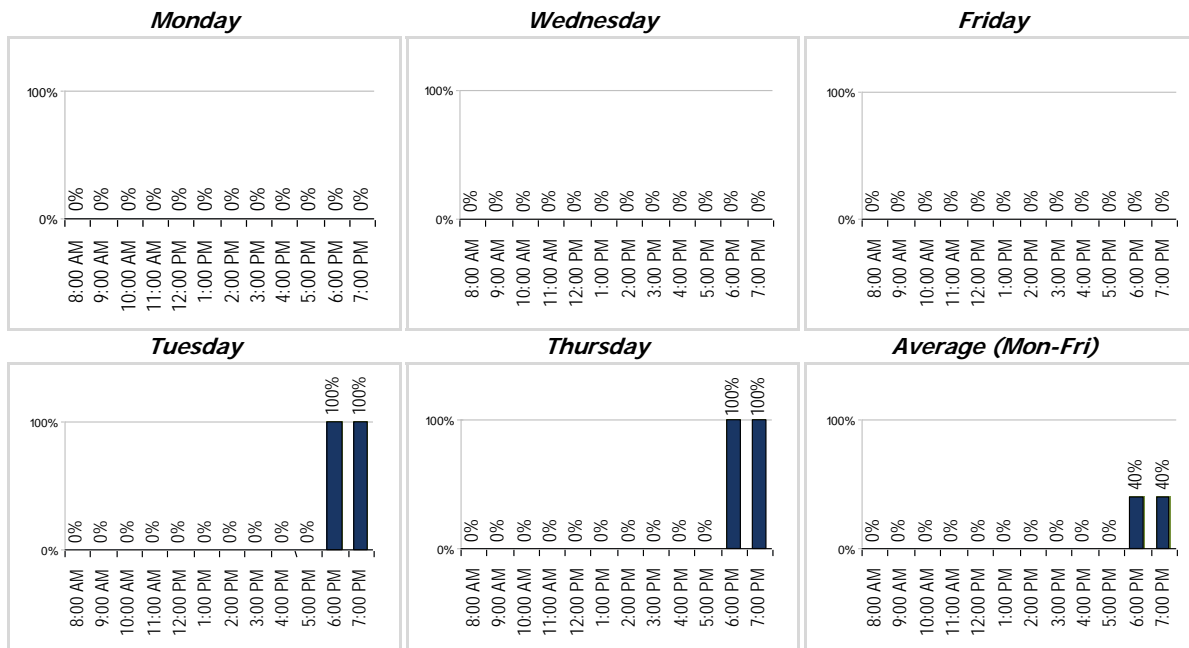
Scheduled Classroom Use by Day and Time (Fall 2017)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
10:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
11:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
12:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
4:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	0	0%	1	100%	0	0%	1	100%	0	0%	0	40%
7:00 PM	0	0%	1	100%	0	0%	1	100%	0	0%	0	40%

Total classrooms = 1

(Darker colors indicate a large percentage of rooms are scheduled.)

## Percent of Classrooms In Use



Total classrooms = 1

**SOUTHWESTERN OREGON CC • MAIN CAMPUS**

## Oregon Coast Culinary Institute

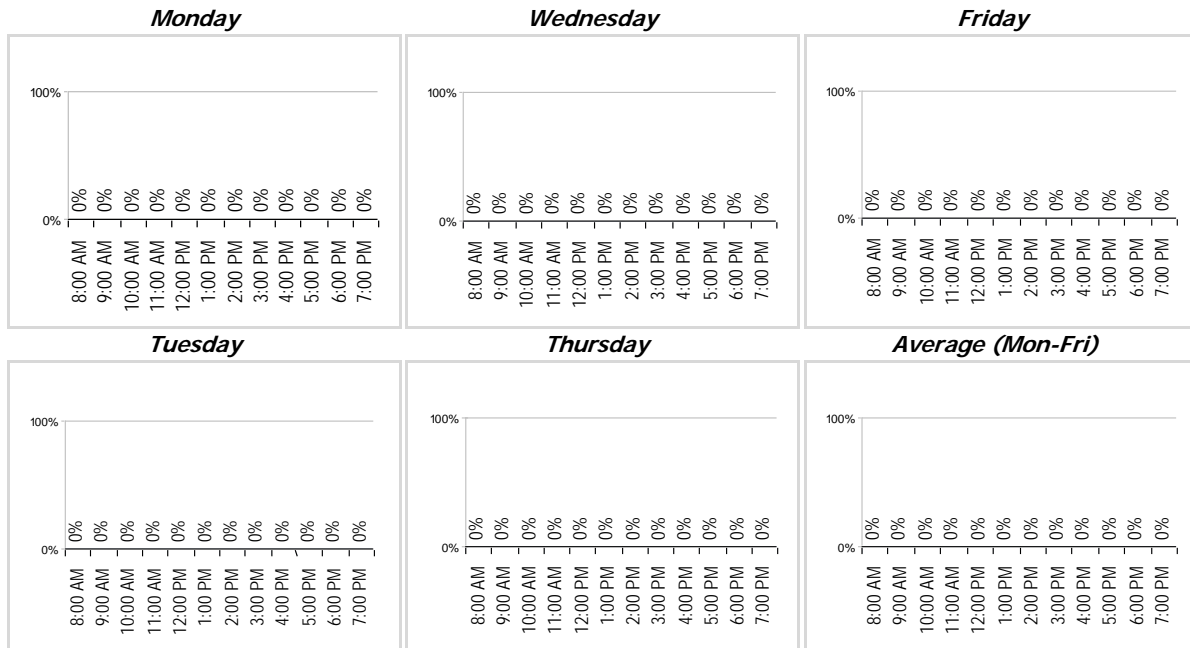
## Scheduled Classroom Use by Day and Time (Fall 2017)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
10:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
11:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
12:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
4:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

Total classrooms = 1

(Darker colors indicate a large percentage of rooms are scheduled.)

## Percent of Classrooms In Use



Total classrooms = 1

**SOUTHWESTERN OREGON CC • MAIN CAMPUS**

## Sitkum Hall

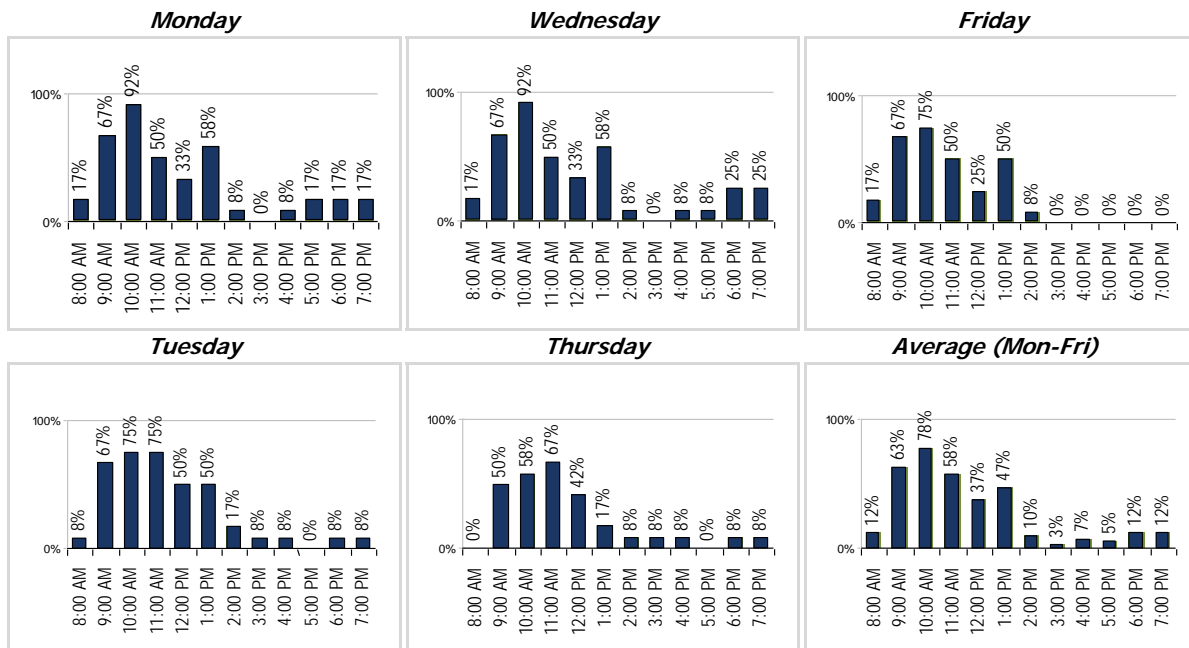
## Scheduled Classroom Use by Day and Time (Fall 2017)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	2	17%	1	8%	2	17%	0	0%	2	17%	1	12%
9:00 AM	8	67%	8	67%	8	67%	6	50%	8	67%	8	63%
10:00 AM	11	92%	9	75%	11	92%	7	58%	9	75%	9	78%
11:00 AM	6	50%	9	75%	6	50%	8	67%	6	50%	7	58%
12:00 PM	4	33%	6	50%	4	33%	5	42%	3	25%	4	37%
1:00 PM	7	58%	6	50%	7	58%	2	17%	6	50%	6	47%
2:00 PM	1	8%	2	17%	1	8%	1	8%	1	8%	1	10%
3:00 PM	0	0%	1	8%	0	0%	1	8%	0	0%	0	3%
4:00 PM	1	8%	1	8%	1	8%	1	8%	0	0%	1	7%
5:00 PM	2	17%	0	0%	1	8%	0	0%	0	0%	1	5%
6:00 PM	2	17%	1	8%	3	25%	1	8%	0	0%	1	12%
7:00 PM	2	17%	1	8%	3	25%	1	8%	0	0%	1	12%

Total classrooms = 12

(Darker colors indicate a large percentage of rooms are scheduled.)

## Percent of Classrooms In Use



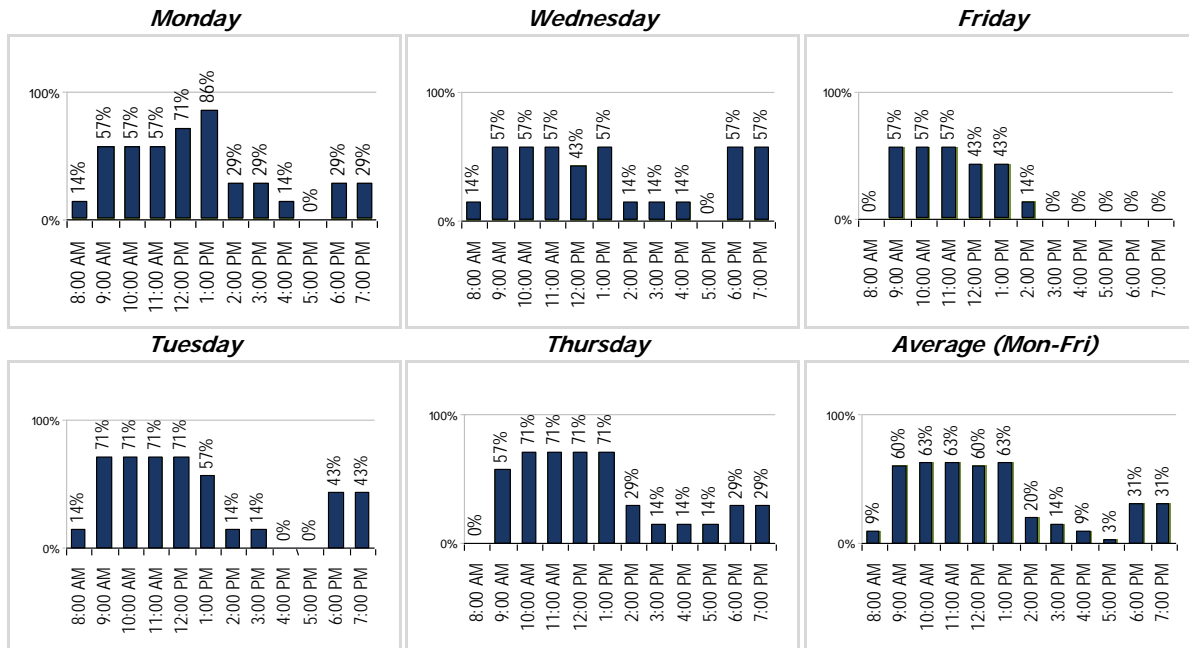
Total classrooms = 12

**SOUTHWESTERN OREGON CC • MAIN CAMPUS****Stensland Hall****Scheduled Classroom Use by Day and Time (Fall 2017)**

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	1	14%	1	14%	1	14%	0	0%	0	0%	1	9%
9:00 AM	4	57%	5	71%	4	57%	4	57%	4	57%	4	60%
10:00 AM	4	57%	5	71%	4	57%	5	71%	4	57%	4	63%
11:00 AM	4	57%	5	71%	4	57%	5	71%	4	57%	4	63%
12:00 PM	5	71%	5	71%	3	43%	5	71%	3	43%	4	60%
1:00 PM	6	86%	4	57%	4	57%	5	71%	3	43%	4	63%
2:00 PM	2	29%	1	14%	1	14%	2	29%	1	14%	1	20%
3:00 PM	2	29%	1	14%	1	14%	1	14%	0	0%	1	14%
4:00 PM	1	14%	0	0%	1	14%	1	14%	0	0%	1	9%
5:00 PM	0	0%	0	0%	0	0%	1	14%	0	0%	0	3%
6:00 PM	2	29%	3	43%	4	57%	2	29%	0	0%	2	31%
7:00 PM	2	29%	3	43%	4	57%	2	29%	0	0%	2	31%

Total classrooms = 7

(Darker colors indicate a large percentage of rooms are scheduled.)

**Percent of Classrooms In Use**

Total classrooms = 7



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Tioga Hall

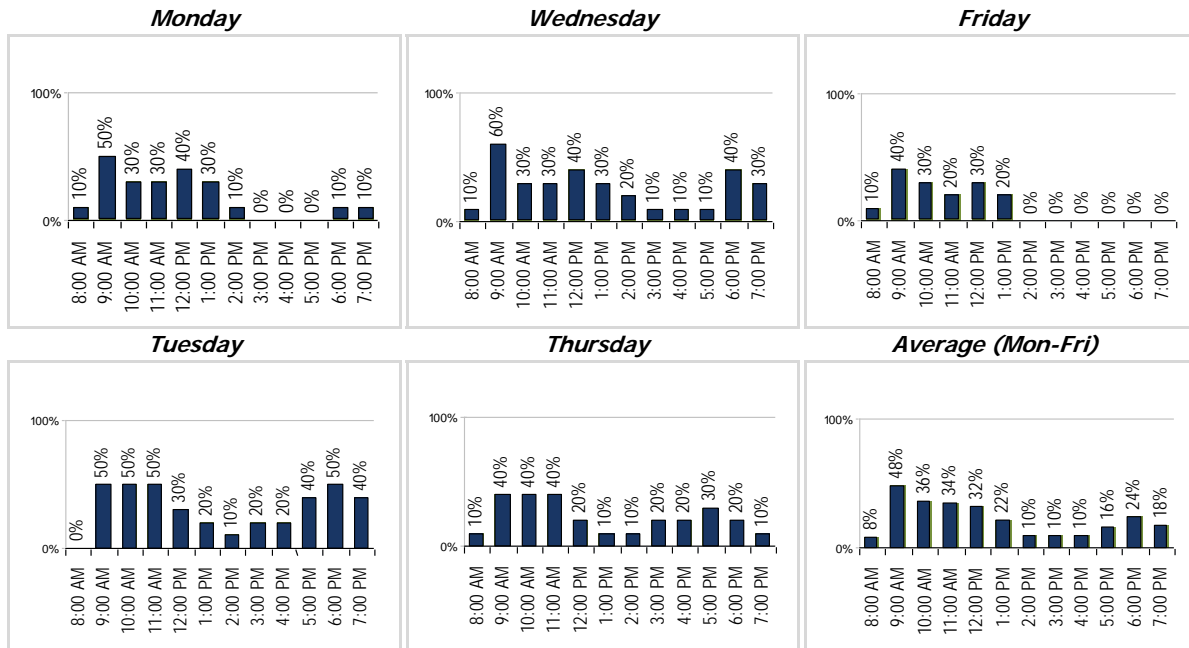
## Scheduled Classroom Use by Day and Time (Fall 2017)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	1	10%	0	0%	1	10%	1	10%	1	10%	1	8%
9:00 AM	5	50%	5	50%	6	60%	4	40%	4	40%	5	48%
10:00 AM	3	30%	5	50%	3	30%	4	40%	3	30%	4	36%
11:00 AM	3	30%	5	50%	3	30%	4	40%	2	20%	3	34%
12:00 PM	4	40%	3	30%	4	40%	2	20%	3	30%	3	32%
1:00 PM	3	30%	2	20%	3	30%	1	10%	2	20%	2	22%
2:00 PM	1	10%	1	10%	2	20%	1	10%	0	0%	1	10%
3:00 PM	0	0%	2	20%	1	10%	2	20%	0	0%	1	10%
4:00 PM	0	0%	2	20%	1	10%	2	20%	0	0%	1	10%
5:00 PM	0	0%	4	40%	1	10%	3	30%	0	0%	2	16%
6:00 PM	1	10%	5	50%	4	40%	2	20%	0	0%	2	24%
7:00 PM	1	10%	4	40%	3	30%	1	10%	0	0%	2	18%

Total classrooms = 10

(Darker colors indicate a large percentage of rooms are scheduled.)

## Percent of Classrooms In Use



Total classrooms = 10

**SOUTHWESTERN OREGON CC • CURRY CAMPUS**

## Curry Campus

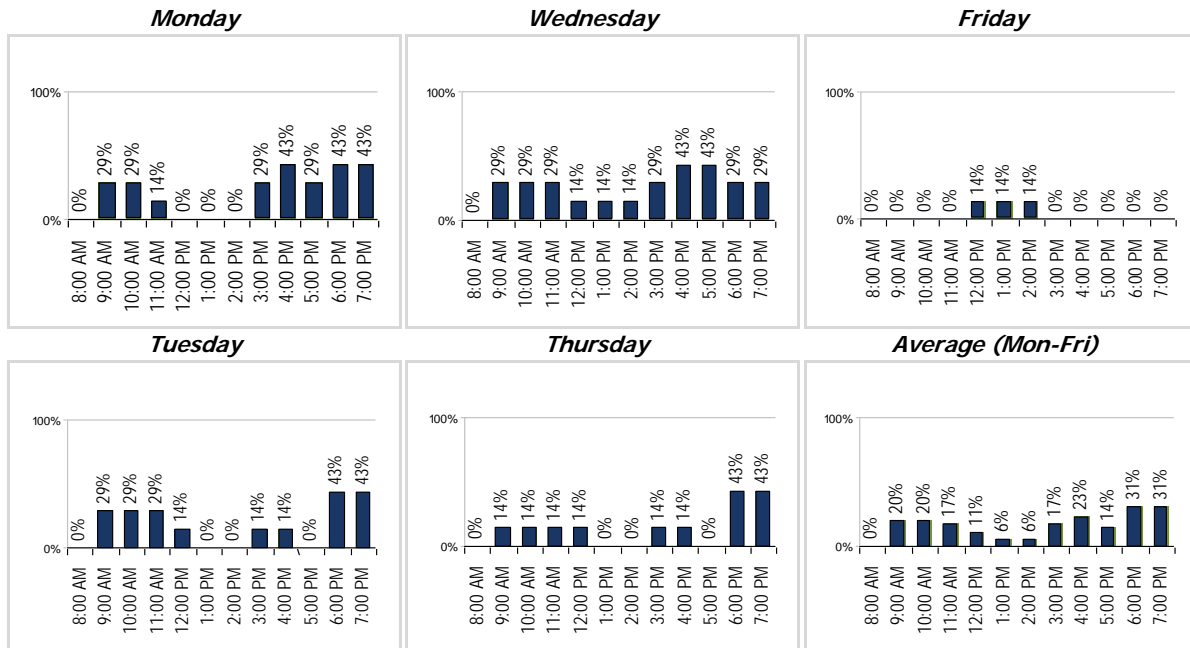
## Scheduled Classroom Use by Day and Time (Fall 2017)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9:00 AM	2	29%	2	29%	2	29%	1	14%	0	0%	1	20%
10:00 AM	2	29%	2	29%	2	29%	1	14%	0	0%	1	20%
11:00 AM	1	14%	2	29%	2	29%	1	14%	0	0%	1	17%
12:00 PM	0	0%	1	14%	1	14%	1	14%	1	14%	1	11%
1:00 PM	0	0%	0	0%	1	14%	0	0%	1	14%	0	6%
2:00 PM	0	0%	0	0%	1	14%	0	0%	1	14%	0	6%
3:00 PM	2	29%	1	14%	2	29%	1	14%	0	0%	1	17%
4:00 PM	3	43%	1	14%	3	43%	1	14%	0	0%	2	23%
5:00 PM	2	29%	0	0%	3	43%	0	0%	0	0%	1	14%
6:00 PM	3	43%	3	43%	2	29%	3	43%	0	0%	2	31%
7:00 PM	3	43%	3	43%	2	29%	3	43%	0	0%	2	31%

Total classrooms = 7

(Darker colors indicate a large percentage of rooms are scheduled.)

## Percent of Classrooms In Use



Total classrooms = 7



# Teaching Laboratory Utilization Analysis by Building

SOUTHWESTERN OREGON COMMUNITY COLLEGE

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Teaching Laboratory Utilization Analysis by Building

Room ID	Space Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<b>B2</b>									<i>No. of Rooms = 1</i>
B2 1	210	0	28	0	19	225	8.0	12	67%
<i>Average</i>			28		19		8.0	12	67%
<i>Total</i>			28			225		12	
<b>Coaledo Hall</b>									<i>No. of Rooms = 5</i>
COALEDO 10	210	0	26	0	15	299	11.5	20	58%
COALEDO 2	210	0	30	0	20	243	8.1	12	68%
COALEDO 3	210	0	48	0	27	669	13.9	24	59%
COALEDO 6	210	0	26	0	22	522	20.1	24	84%
COALEDO 7	210	0	38	0	26	237	6.2	9	69%
<i>Average</i>			34		22		11.7	18	67%
<i>Total</i>			168			1,970		89	
<b>Eden Hall</b>									<i>No. of Rooms = 4</i>
EDEN 1	210	0	108	0	36	803	7.4	31	24%
EDEN 3	210	0	20	0	25	279	14.0	11	123%
EDEN 5	210	0	20	0	17	330	16.5	20	82%
EDEN 7	210	0	18	0	14	168	9.3	12	78%
<i>Average</i>			42		23		9.5	19	64%
<i>Total</i>			166			1,581		74	
<b>Empire Hall</b>									<i>No. of Rooms = 1</i>
EMPR LVF	210	0	35	0	10	58	1.7	6	29%
<i>Average</i>			35		10		1.7	6	29%
<i>Total</i>			35			58		6	
<b>Fairview Hall</b>									<i>No. of Rooms = 3</i>
FAIRVIEW 1	210	0	20	0	12	58	2.9	5	60%
FAIRVIEW 2	210	0	20	0	12	87	4.4	8	58%
FAIRVIEW 3	210	0	24	0	11	80	3.3	7	48%
<i>Average</i>			21		12		3.5	6	55%
<i>Total</i>			64			225		19	
<b>Oregon Coast Culinary Institute</b>									<i>No. of Rooms = 5</i>
OCCI 121	210	0	20	0	39	944	47.2	24	195%
OCCI 128	210	0	30	0	52	1,258	41.9	24	173%
OCCI 131	210	0	100	0	51	1,234	12.3	24	51%
OCCI 135	210	0	20	0	5	121	6.1	24	25%
OCCI 136	210	0	20	0	22	1,041	52.0	48	108%
<i>Average</i>			38		34		24.2	29	110%
<i>Total</i>			190			4,598		145	



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Teaching Laboratory Utilization Analysis by Building

Room ID	Space Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<b>Prosper Hall</b>									<i>No. of Rooms = 2</i>
PROS 3	210	0	30	0	20	207	6.9	11	63%
PROS GYM	210	0	30	0	10	134	4.5	14	31%
<i>Average</i>			30		15		5.7	13	45%
<i>Total</i>			60			341		25	
<b>Recreation Center</b>									<i>No. of Rooms = 9</i>
REC 103	210	0	24	0	14	165	6.9	12	57%
REC 105	210	0	24	0	19	231	9.6	12	80%
REC 111	210	0	24	0	10	50	2.1	5	42%
REC 117	210	0	25	0	15	228	9.1	15	61%
REC 121	210	0	25	0	15	153	6.1	11	56%
REC 125	210	0	16	0	7	16	1.0	5	20%
REC 126	210	0	30	0	22	215	7.2	10	72%
REC 131	210	0	25	0	18	213	8.5	12	71%
REC GYM	210	0	30	0	26	130	4.3	5	87%
<i>Average</i>			25		16		6.3	10	63%
<i>Total</i>			223			1,401		87	
<b>Sumner Hall</b>									<i>No. of Rooms = 5</i>
SUMNER 10	210	0	22	0	15	120	5.5	8	68%
SUMNER 11	210	0	36	0	19	315	8.8	16	54%
SUMNER 12	210	0	31	0	17	421	13.6	25	55%
SUMNER 13	210	0	17	0	6	105	6.2	18	35%
SUMNER 2	210	0	24	0	9	548	22.8	50	46%
<i>Average</i>			26		13		11.6	23	49%
<i>Total</i>			130			1,509		116	
<b>Sunset Hall</b>									<i>No. of Rooms = 2</i>
SUNSET 1	210	0	12	0	7	48	4.0	7	57%
SUNSET 2	210	0	34	0	9	224	6.6	23	29%
<i>Average</i>			23		8		5.9	15	35%
<i>Total</i>			46			272		30	
<b>AVERAGE</b>			30		19		11.0	16	70%
<b>TOTAL</b>			1,110			12,179		604	
<b>NO. OF ROOMS</b>			37						

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Teaching Laboratory Utilization Analysis by Building

Room ID	Space Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<b>Curry Campus</b>									<i>No. of Rooms = 6</i>
CC1 112	210	0	25	0	10	123	4.9	12	42%
CC1 137A	210	0	40	0	21	340	8.5	19	46%
CC1 137B	210	0	25	0	10	30	1.2	3	40%
CC1 138A	210	0	15	0	12	78	5.2	7	77%
CC1 138B	210	0	15	0	12	78	5.2	7	77%
CC1 210	210	0	8	0	5	15	1.9	3	63%
<i>Average</i>			21		12		5.2	8	54%
<i>Total</i>			128			663		50	
<b>AVERAGE</b>			21		12		5.2	8	54%
<b>TOTAL</b>			128			663		50	
<b>NO. OF ROOMS</b>			6						

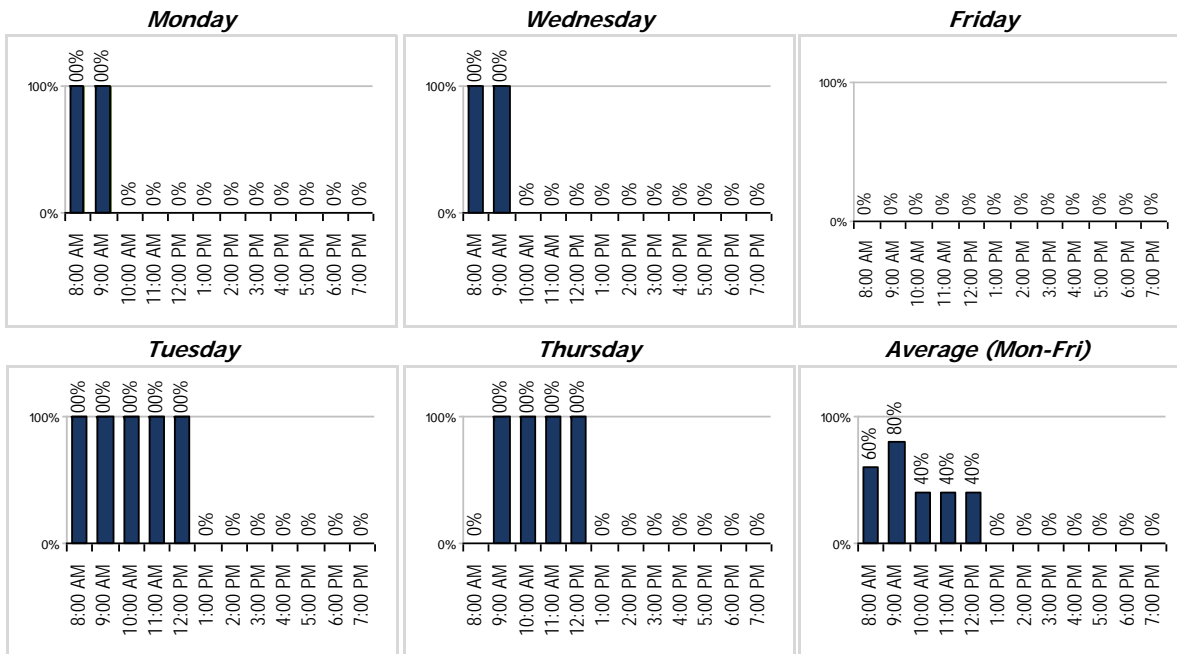
**SOUTHWESTERN OREGON CC • MAIN CAMPUS**

B2

**Scheduled Laboratory Use by Day and Time (Fall 2017)***(Darker colors indicate a large percentage of rooms are scheduled.)*

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	1	100%	1	100%	1	100%	0	0%	0	0%	1	60%
9:00 AM	1	100%	1	100%	1	100%	1	100%	0	0%	1	80%
10:00 AM	0	0%	1	100%	0	0%	1	100%	0	0%	0	40%
11:00 AM	0	0%	1	100%	0	0%	1	100%	0	0%	0	40%
12:00 PM	0	0%	1	100%	0	0%	1	100%	0	0%	0	40%
1:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
4:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

Total laboratories = 1

**Percent of Laboratories In Use**

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## Coaledo Hall

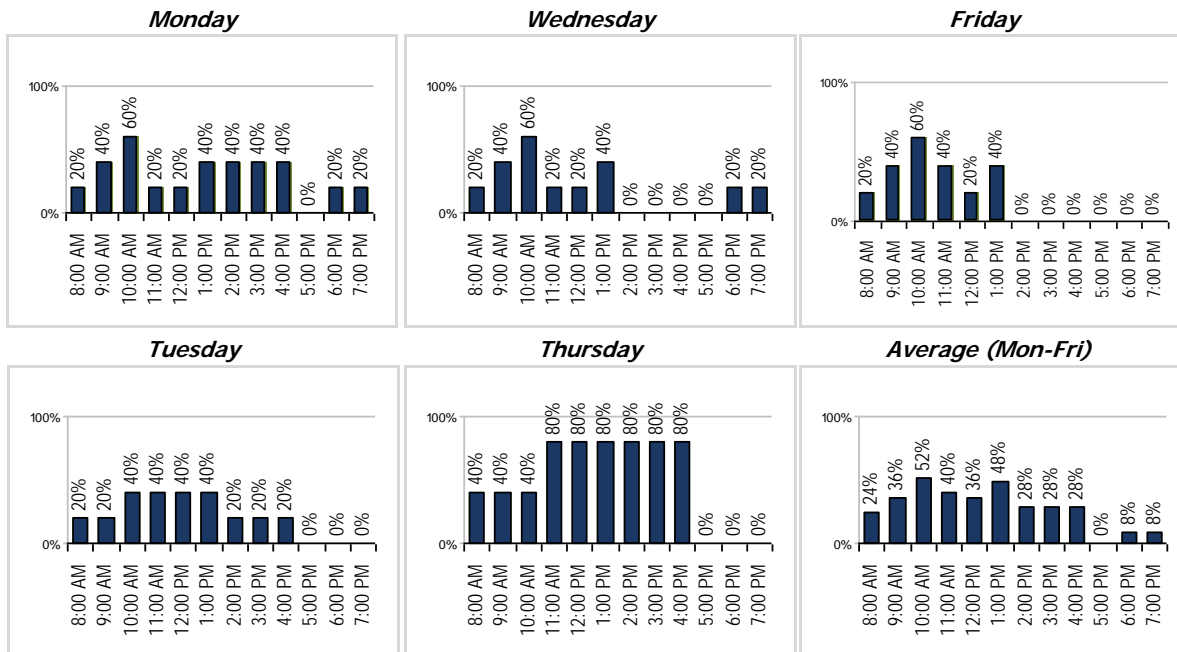
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	1	20%	1	20%	1	20%	2	40%	1	20%	1	24%
9:00 AM	2	40%	1	20%	2	40%	2	40%	2	40%	2	36%
10:00 AM	3	60%	2	40%	3	60%	2	40%	3	60%	3	52%
11:00 AM	1	20%	2	40%	1	20%	4	80%	2	40%	2	40%
12:00 PM	1	20%	2	40%	1	20%	4	80%	1	20%	2	36%
1:00 PM	2	40%	2	40%	2	40%	4	80%	2	40%	2	48%
2:00 PM	2	40%	1	20%	0	0%	4	80%	0	0%	1	28%
3:00 PM	2	40%	1	20%	0	0%	4	80%	0	0%	1	28%
4:00 PM	2	40%	1	20%	0	0%	4	80%	0	0%	1	28%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	1	20%	0	0%	1	20%	0	0%	0	0%	0	8%
7:00 PM	1	20%	0	0%	1	20%	0	0%	0	0%	0	8%

Total laboratories = 5

## Percent of Laboratories In Use



**SOUTHWESTERN OREGON CC • MAIN CAMPUS**

## Eden Hall

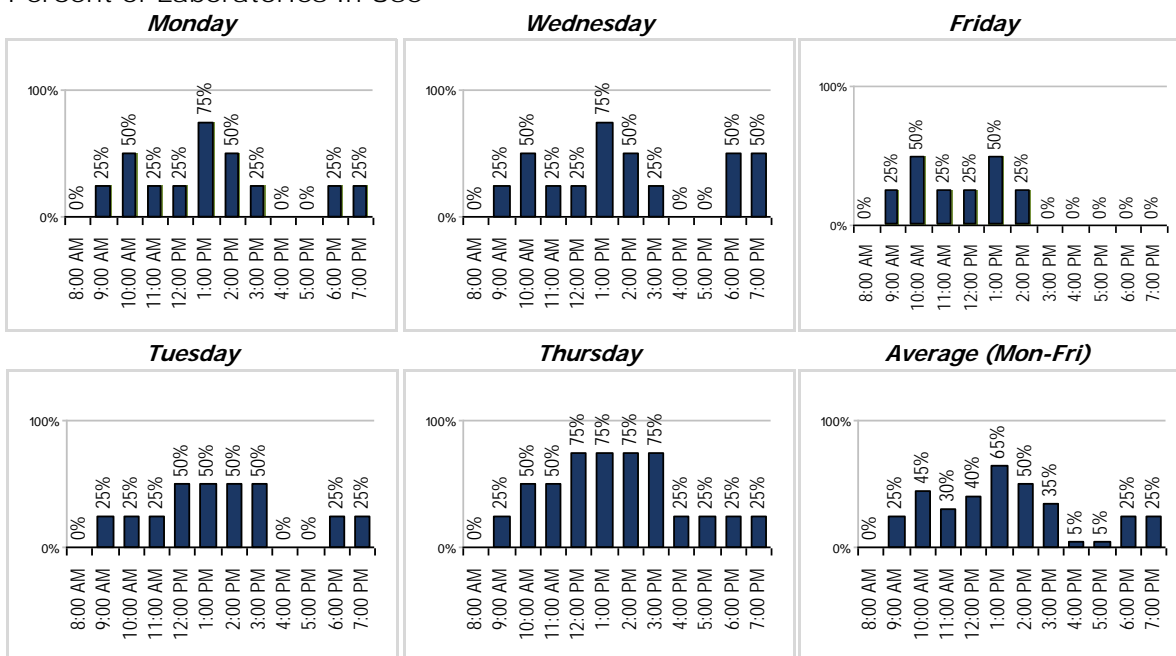
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9:00 AM	1	25%	1	25%	1	25%	1	25%	1	25%	1	25%
10:00 AM	2	50%	1	25%	2	50%	2	50%	2	50%	2	45%
11:00 AM	1	25%	1	25%	1	25%	2	50%	1	25%	1	30%
12:00 PM	1	25%	2	50%	1	25%	3	75%	1	25%	2	40%
1:00 PM	3	75%	2	50%	3	75%	3	75%	2	50%	3	65%
2:00 PM	2	50%	2	50%	2	50%	3	75%	1	25%	2	50%
3:00 PM	1	25%	2	50%	1	25%	3	75%	0	0%	1	35%
4:00 PM	0	0%	0	0%	0	0%	1	25%	0	0%	0	5%
5:00 PM	0	0%	0	0%	0	0%	1	25%	0	0%	0	5%
6:00 PM	1	25%	1	25%	2	50%	1	25%	0	0%	1	25%
7:00 PM	1	25%	1	25%	2	50%	1	25%	0	0%	1	25%

Total laboratories = 4

## Percent of Laboratories In Use





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## Empire Hall

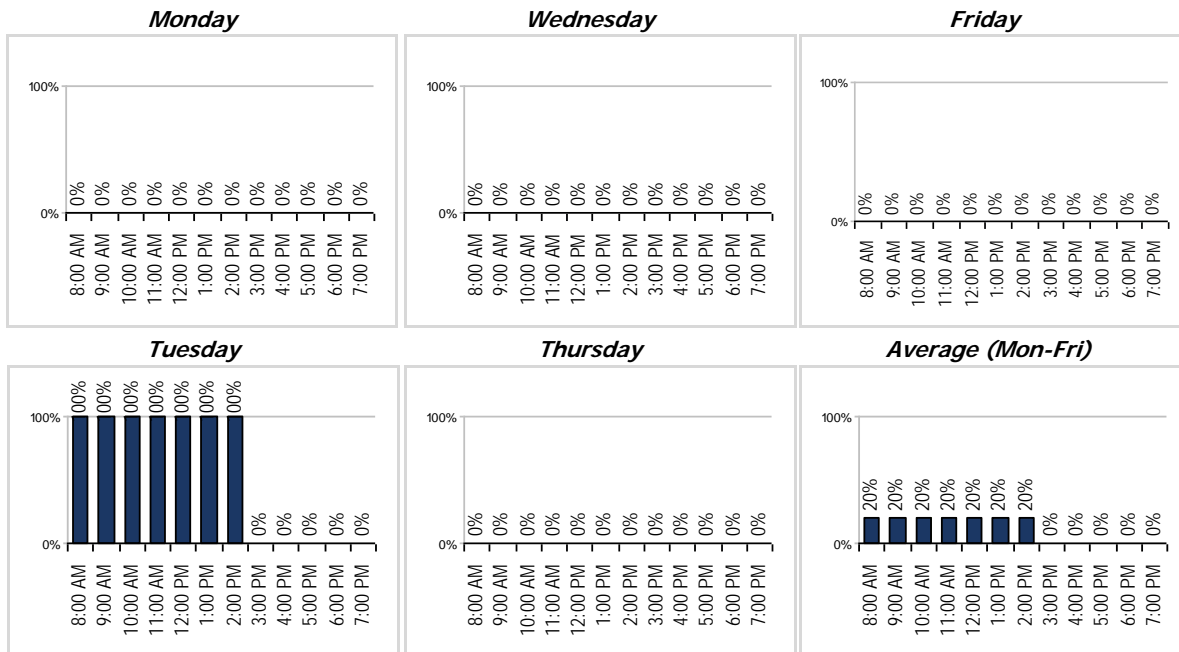
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
9:00 AM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
10:00 AM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
11:00 AM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
12:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
1:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
2:00 PM	0	0%	1	100%	0	0%	0	0%	0	0%	0	20%
3:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
4:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

Total laboratories = 1

## Percent of Laboratories In Use



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## Fairview Hall

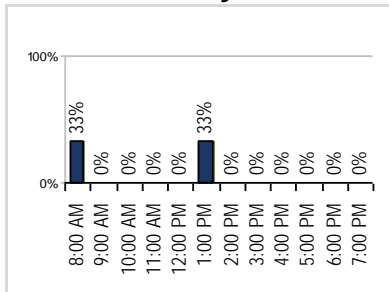
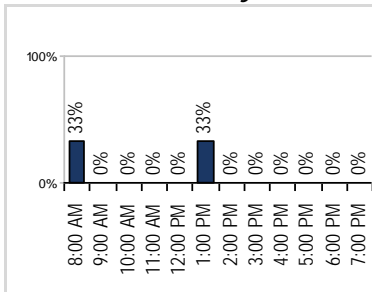
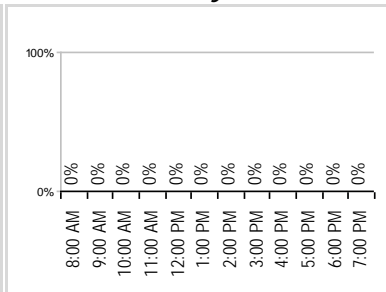
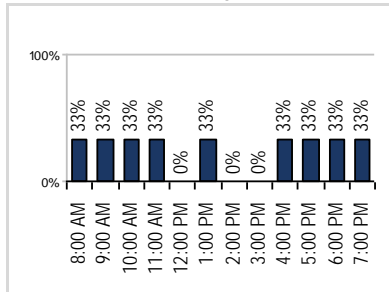
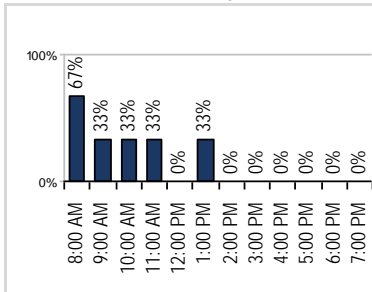
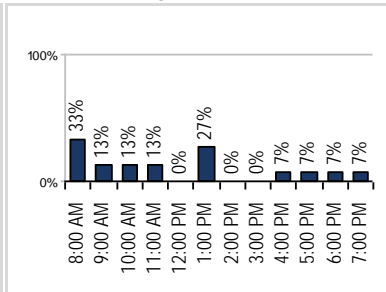
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	1	33%	1	33%	1	33%	2	67%	0	0%	1	33%
9:00 AM	0	0%	1	33%	0	0%	1	33%	0	0%	0	13%
10:00 AM	0	0%	1	33%	0	0%	1	33%	0	0%	0	13%
11:00 AM	0	0%	1	33%	0	0%	1	33%	0	0%	0	13%
12:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1:00 PM	1	33%	1	33%	1	33%	1	33%	0	0%	1	27%
2:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
4:00 PM	0	0%	1	33%	0	0%	0	0%	0	0%	0	7%
5:00 PM	0	0%	1	33%	0	0%	0	0%	0	0%	0	7%
6:00 PM	0	0%	1	33%	0	0%	0	0%	0	0%	0	7%
7:00 PM	0	0%	1	33%	0	0%	0	0%	0	0%	0	7%

Total laboratories = 3

## Percent of Laboratories In Use

**Monday****Wednesday****Friday****Tuesday****Thursday****Average (Mon-Fri)**

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## Oregon Coast Culinary Institute

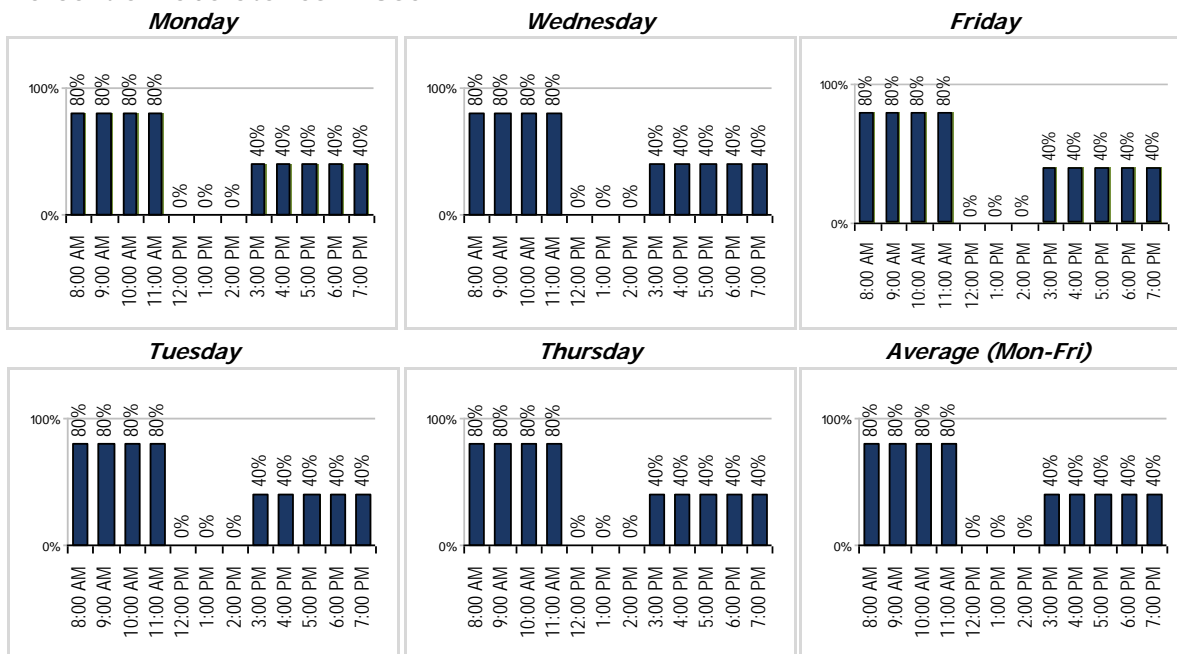
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	4	80%	4	80%	4	80%	4	80%	4	80%	4	80%
9:00 AM	4	80%	4	80%	4	80%	4	80%	4	80%	4	80%
10:00 AM	4	80%	4	80%	4	80%	4	80%	4	80%	4	80%
11:00 AM	4	80%	4	80%	4	80%	4	80%	4	80%	4	80%
12:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3:00 PM	2	40%	2	40%	2	40%	2	40%	2	40%	2	40%
4:00 PM	2	40%	2	40%	2	40%	2	40%	2	40%	2	40%
5:00 PM	2	40%	2	40%	2	40%	2	40%	2	40%	2	40%
6:00 PM	2	40%	2	40%	2	40%	2	40%	2	40%	2	40%
7:00 PM	2	40%	2	40%	2	40%	2	40%	2	40%	2	40%

Total laboratories = 5

## Percent of Laboratories In Use



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## Prosper Hall

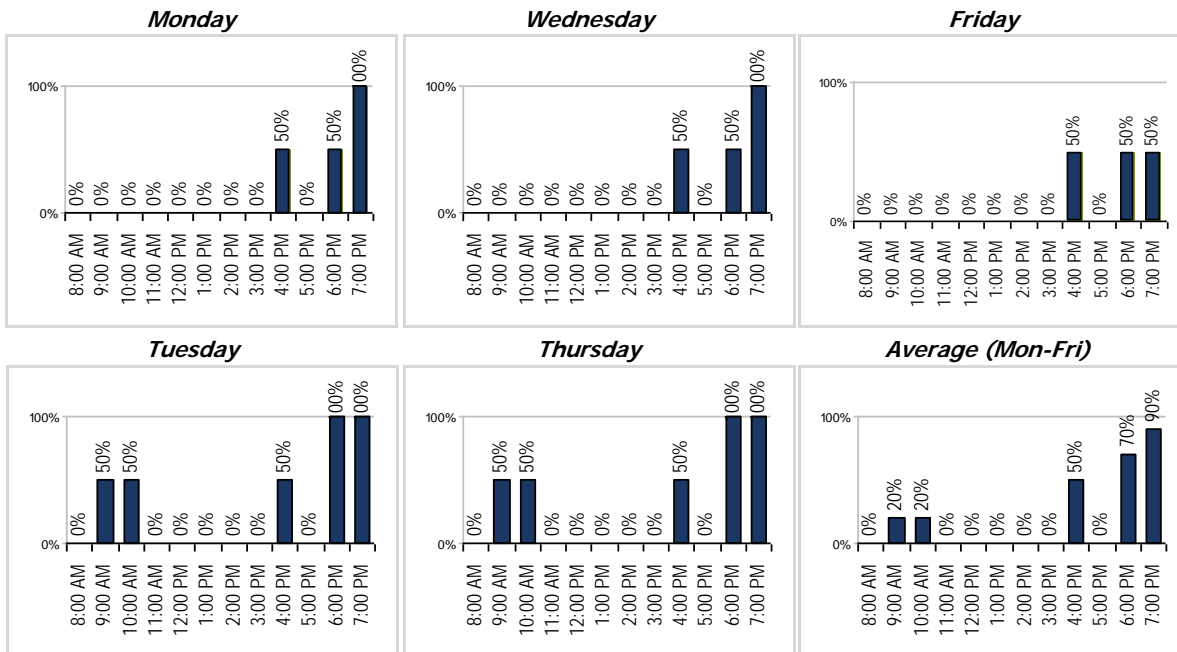
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9:00 AM	0	0%	1	50%	0	0%	1	50%	0	0%	0	20%
10:00 AM	0	0%	1	50%	0	0%	1	50%	0	0%	0	20%
11:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
12:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
4:00 PM	1	50%	1	50%	1	50%	1	50%	1	50%	1	50%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	1	50%	2	100%	1	50%	2	100%	1	50%	1	70%
7:00 PM	2	100%	2	100%	2	100%	2	100%	1	50%	2	90%

Total laboratories = 2

## Percent of Laboratories In Use



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## Recreation Center

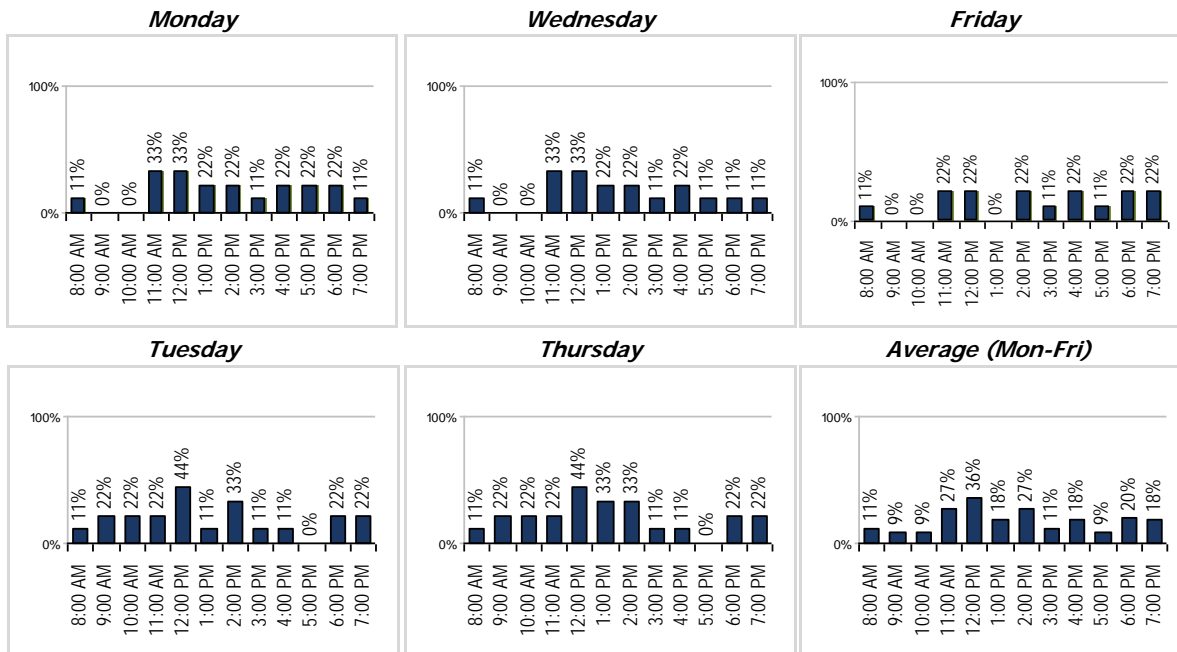
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	1	11%	1	11%	1	11%	1	11%	1	11%	1	11%
9:00 AM	0	0%	2	22%	0	0%	2	22%	0	0%	1	9%
10:00 AM	0	0%	2	22%	0	0%	2	22%	0	0%	1	9%
11:00 AM	3	33%	2	22%	3	33%	2	22%	2	22%	2	27%
12:00 PM	3	33%	4	44%	3	33%	4	44%	2	22%	3	36%
1:00 PM	2	22%	1	11%	2	22%	3	33%	0	0%	2	18%
2:00 PM	2	22%	3	33%	2	22%	3	33%	2	22%	2	27%
3:00 PM	1	11%	1	11%	1	11%	1	11%	1	11%	1	11%
4:00 PM	2	22%	1	11%	2	22%	1	11%	2	22%	2	18%
5:00 PM	2	22%	0	0%	1	11%	0	0%	1	11%	1	9%
6:00 PM	2	22%	2	22%	1	11%	2	22%	2	22%	2	20%
7:00 PM	1	11%	2	22%	1	11%	2	22%	2	22%	2	18%

Total laboratories = 9

## Percent of Laboratories In Use





**SOUTHWESTERN OREGON CC • MAIN CAMPUS**

## Sumner Hall

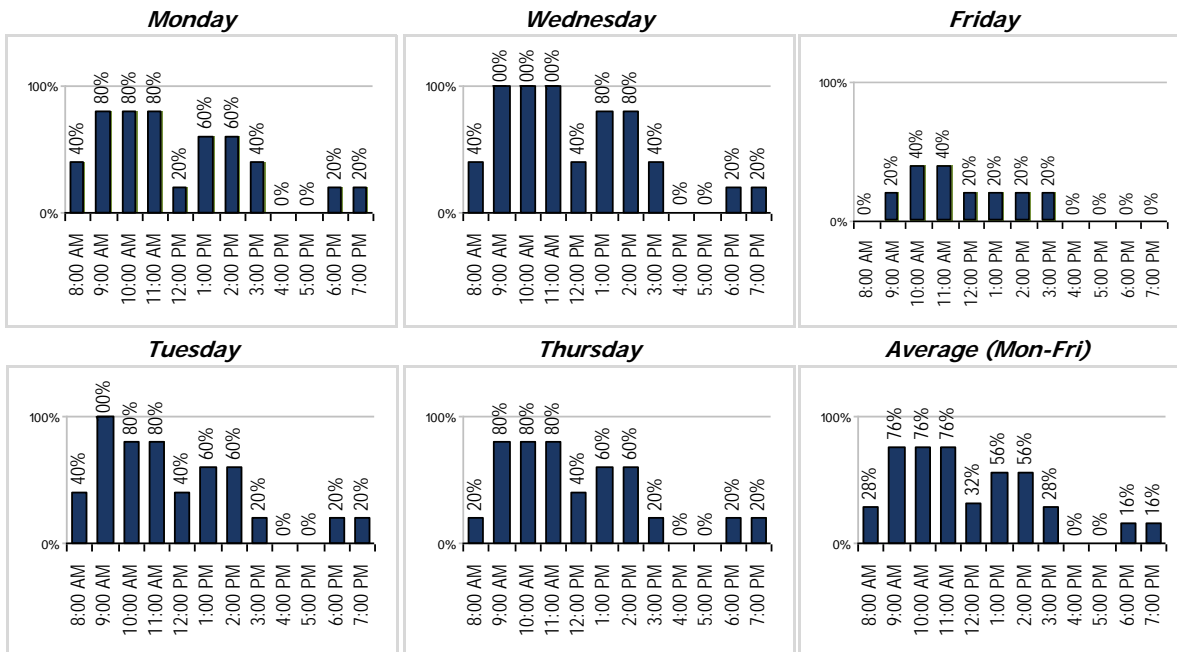
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	2	40%	2	40%	2	40%	1	20%	0	0%	1	28%
9:00 AM	4	80%	5	100%	5	100%	4	80%	1	20%	4	76%
10:00 AM	4	80%	4	80%	5	100%	4	80%	2	40%	4	76%
11:00 AM	4	80%	4	80%	5	100%	4	80%	2	40%	4	76%
12:00 PM	1	20%	2	40%	2	40%	2	40%	1	20%	2	32%
1:00 PM	3	60%	3	60%	4	80%	3	60%	1	20%	3	56%
2:00 PM	3	60%	3	60%	4	80%	3	60%	1	20%	3	56%
3:00 PM	2	40%	1	20%	2	40%	1	20%	1	20%	1	28%
4:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	1	20%	1	20%	1	20%	1	20%	0	0%	1	16%
7:00 PM	1	20%	1	20%	1	20%	1	20%	0	0%	1	16%

Total laboratories = 5

## Percent of Laboratories In Use



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Sunset Hall

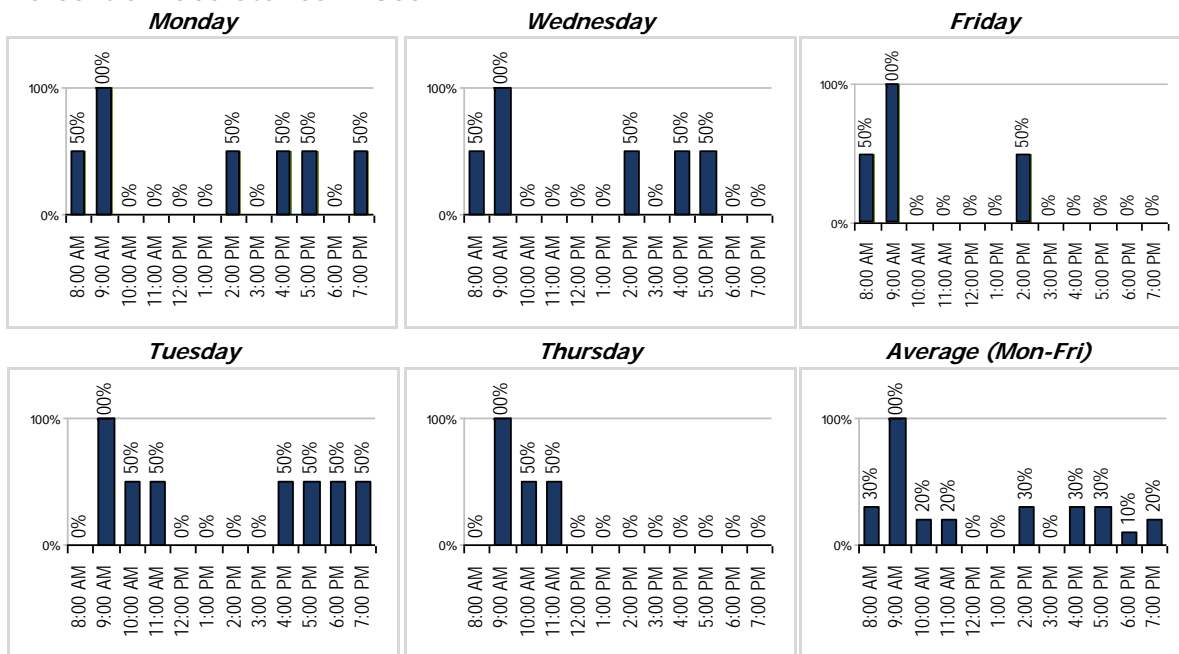
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	1	50%	0	0%	1	50%	0	0%	1	50%	1	30%
9:00 AM	2	100%	2	100%	2	100%	2	100%	2	100%	2	100%
10:00 AM	0	0%	1	50%	0	0%	1	50%	0	0%	0	20%
11:00 AM	0	0%	1	50%	0	0%	1	50%	0	0%	0	20%
12:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2:00 PM	1	50%	0	0%	1	50%	0	0%	1	50%	1	30%
3:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
4:00 PM	1	50%	1	50%	1	50%	0	0%	0	0%	1	30%
5:00 PM	1	50%	1	50%	1	50%	0	0%	0	0%	1	30%
6:00 PM	0	0%	1	50%	0	0%	0	0%	0	0%	0	10%
7:00 PM	1	50%	1	50%	0	0%	0	0%	0	0%	0	20%

Total laboratories = 2

## Percent of Laboratories In Use



**SOUTHWESTERN OREGON CC • CURRY CAMPUS**

## Curry Campus

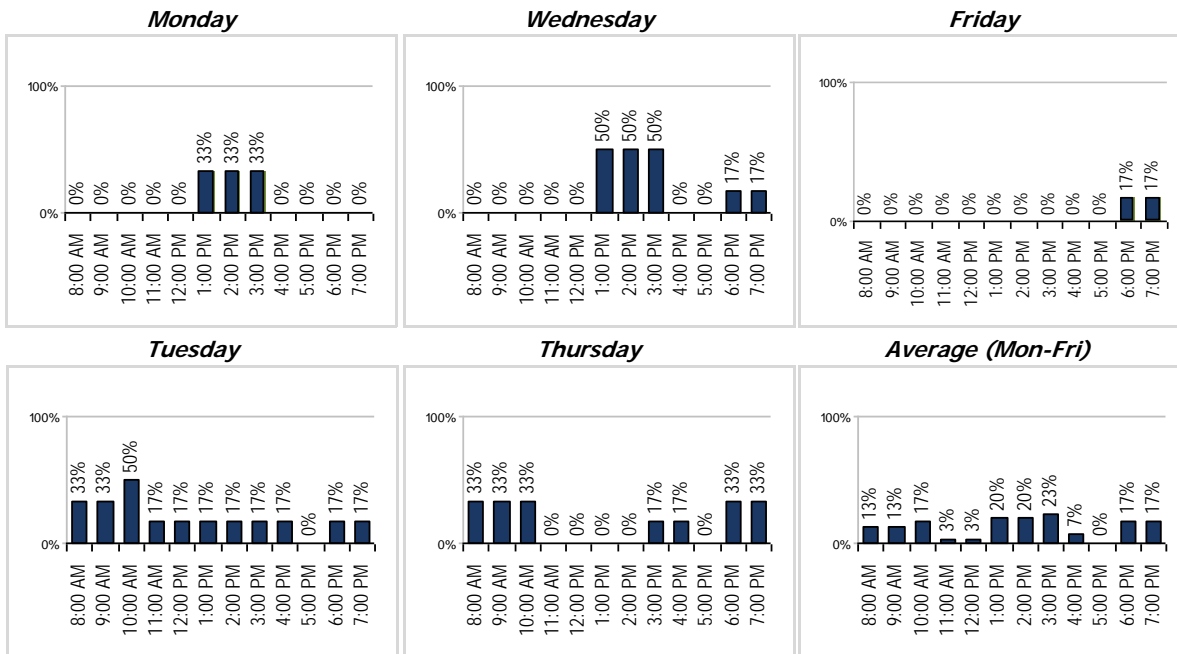
## Scheduled Laboratory Use by Day and Time (Fall 2017)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use	Rooms in Use	% In Use
8:00 AM	0	0%	2	33%	0	0%	2	33%	0	0%	1	13%
9:00 AM	0	0%	2	33%	0	0%	2	33%	0	0%	1	13%
10:00 AM	0	0%	3	50%	0	0%	2	33%	0	0%	1	17%
11:00 AM	0	0%	1	17%	0	0%	0	0%	0	0%	0	3%
12:00 PM	0	0%	1	17%	0	0%	0	0%	0	0%	0	3%
1:00 PM	2	33%	1	17%	3	50%	0	0%	0	0%	1	20%
2:00 PM	2	33%	1	17%	3	50%	0	0%	0	0%	1	20%
3:00 PM	2	33%	1	17%	3	50%	1	17%	0	0%	1	23%
4:00 PM	0	0%	1	17%	0	0%	1	17%	0	0%	0	7%
5:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
6:00 PM	0	0%	1	17%	1	17%	2	33%	1	17%	1	17%
7:00 PM	0	0%	1	17%	1	17%	2	33%	1	17%	1	17%

Total laboratories = 6

## Percent of Laboratories In Use





# Classroom Utilization Analysis

## Detail by Room

SOUTHWESTERN OREGON COMMUNITY COLLEGE



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Child Family and Resource Center • CFCR NULL

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours:	<b>4</b>	Weekly Student Contact Hours:	<b>32</b>
Hours in Use Student Station Occupancy:	<b>7%</b>	Average Enrollment:	<b>8</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>100</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

						COURSE			SECTION			
Start Time	End Time	Days	Course			TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:30 AM	9:50 AM	F	CE	9015 66	CE 9015 66	LEC	1.3	13	1.3	13	17	13%
10:15 AM	11:45 AM	F	CE	9016 67	CE 9016 67	LEC	1.5	8	1.5	8	12	8%
1:00 PM	2:30 PM	W	CE	9016 65	CE 9016 65	LEC	1.5	2	1.5	2	3	2%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Empire Hall • EMPR LVE

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **22**Hours in Use Student  
Station Occupancy: **41%**Assignable Sq.Ft. / Station: **0**Weekly Student  
Contact Hours: **896**Average Enrollment: **40**Capacity: **100**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	5:00 PM	SU	FS 9002 01 FS 9002 01	LEC	18	41	18	41	738	41%
11:30 AM	1:20 PM	R	WKPL 9042 65 WKPL 9042 65	LEC	2	32	2	32	64	32%
2:00 PM	3:50 PM	M	WKPL 9028 67 WKPL 9028 67	LEC	2	47	2	47	94	47%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Empire Hall • EMPR LVG

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours: **57**      Weekly Student Contact Hours: **646**  
 Hours in Use Student Station Occupancy: **33%**      Average Enrollment: **11**  
 Assignable Sq.Ft. / Station: **0**      Capacity: **35**  
 Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:30 AM	2:20 PM	M	IND 4100 66	IND 4100 66	LAB	5.8	7	5.8	7	41	20%
8:30 AM	4:50 PM	WR	WKPL 9540 65	WKPL 9540 65	LEC	16.7	11	16.7	11	184	31%
9:00 AM	2:50 PM	F	HE 0532 65	HE 0532 65	LEC	5.8	12	5.8	12	70	34%
9:00 AM	3:50 PM	R	DRIV 0620 67	DRIV 0620 67	LEC	6.8	14	6.8	14	95	40%
9:00 AM	3:50 PM	R	DRIV 0620 65	DRIV 0620 65	LEC	6.8	7	6.8	7	48	20%
9:00 AM	4:50 PM	S	RE 0100 65	RE 0100 65	LEC	7.8	12	7.8	12	94	34%
9:00 AM	3:50 PM	W	DRIV 0620 66	DRIV 0620 66	LEC	6.8	17	6.8	17	116	49%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Family Center • FAM 105

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **20**Hours in Use Student  
Station Occupancy:**13%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **249**Average Enrollment: **11**Capacity: **100**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
6:00 AM	7:50 PM	T	HDFS 9001 03	HDFS 9001 03	LEC	13.8	15	13.8	15	207	15%
9:00 AM	3:00 PM	S	CE 9002 65	CE 9002 65	LEC	6	7	6	7	42	7%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Newmark Center • NEW 211

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **9**Hours in Use Student  
Station Occupancy: **8%**Assignable Sq.Ft. / Station: **0**Weekly Student  
Contact Hours: **21**Average Enrollment: **2**Capacity: **30**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
6:00 PM	8:50 PM	R	BA 9280 66	LEC	3	3	3	3	9	10%
6:00 PM	8:50 PM	T	SBM 915 65	LEC	3	2	3	2	6	7%
6:00 PM	8:50 PM	T	BA 9280 67	LEC	3	2	3	2	6	7%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Oregon Coast Culinary Institute • OCCI 104

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **15**

Hours in Use Student

Station Occupancy: **31%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **482**Average Enrollment: **31**Capacity: **100**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	4:50 PM	S	WKPL 0102 65 WKPL 0102 65	LEC	8.8	37	8.8	37	326	37%
8:00 AM	2:30 PM	S	WKPL 0103 65 WKPL 0103 65	LEC	6.5	24	6.5	24	156	24%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 1

Space Use Code: Classroom

Department: ToBeDeterminedWeekly Room Hours: **27**

Hours in Use Student

Station Occupancy: **72%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **606**Average Enrollment: **22**Capacity: **31**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE		SECTION				
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	8:50 AM	MTWF	MTH 111 04	LEC	4	30	4	30	120	97%
9:00 AM	9:50 AM	MTWF	MTH 243 01	LEC	4	27	4	27	108	87%
9:00 AM	11:50 AM	R	WKPL 9022 65	LEC	3	6	3	6	18	19%
10:00 AM	10:50 AM	MTWF	MTH 111 02	LEC	4	29	4	29	116	94%
11:00 AM	11:50 AM	MTWF	MTH 111 03	LEC	4	26	4	26	104	84%
1:00 PM	1:50 PM	MTWF	WR 90R 02	LEC	4	23	4	23	92	74%
4:00 PM	5:50 PM	MW	MTH 211 01	LEC	4	12	4	12	48	39%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 10

Space Use Code: Classroom

Department: \_ToBeDetermined

Weekly Room Hours: 16

Hours in Use Student  
Station Occupancy: 68%

Assignable Sq.Ft. / Station: 0

Weekly Student  
Contact Hours: 314

Average Enrollment: 19

Capacity: 29

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MWF	WR 123 01	LEC	3	20	3	20	60	69%
9:30 AM	10:50 AM	TR	PSY 202 01	LEC	3	13	3	13	39	45%
10:00 AM	10:50 AM	MWF	WR 80 01	LEC	3	12	3	12	36	41%
11:00 AM	11:50 AM	MTWTF	MTH 95 01	LEC	4	29	4	29	116	100%
12:00 PM	1:20 PM	MW	AH 111 01	LEC	3	21	3	21	63	72%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 11

Space Use Code: Classroom

Department: ToBeDeterminedWeekly Room Hours: **29**

Hours in Use Student

Station Occupancy: **69%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **482**Average Enrollment: **17**Capacity: **24**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE		SECTION				
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MWF	ENV 235 01	LEC	3	26	3	26	78	108%
10:00 AM	10:50 AM	MWF	F 111 01	LEC	3	13	3	13	39	54%
10:00 AM	11:20 AM	TR	NR 201 01	LEC	3	6	3	6	18	25%
12:00 PM	12:50 PM	MWF	ENG 107 01	LEC	3	15	3	16	48	67%
12:00 PM	12:50 PM	MWF	ENG 107H 01	LEC	3	1				
12:00 PM	1:50 PM	TR	PSY 100 01	LEC	4	16	4	16	64	67%
1:00 PM	1:50 PM	MWF	WR 121 13	LEC	3	26	3	26	78	108%
2:00 PM	4:50 PM	R	F 111 01.1	LEC	3	13	3	13	39	54%
2:00 PM	4:50 PM	T	ENV 235 01.1	LEC	3	26	3	26	78	108%
6:00 PM	7:50 PM	MW	CJ 222 01	LEC	4	10	4	10	40	42%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 12

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **7**

Hours in Use Student

Station Occupancy: **52%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **87**Average Enrollment: **13**Capacity: **24**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
10:00 AM	10:50 AM	MWF	HD 112 04	LEC	3	17	3	17	51	71%
1:00 PM	1:50 PM	MTWF	MTH 86 01	LEC	4	9	4	9	36	38%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 13

Space Use Code: Classroom

Department: ToBeDeterminedWeekly Room Hours: **26**

Hours in Use Student

Station Occupancy: **78%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **692**Average Enrollment: **26**Capacity: **34**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	8:50 AM	MWF	HUM 204 02	LEC	3	26	3	26	78	76%
9:00 AM	9:50 AM	MTWF	MTH 111 01	LEC	4	30	4	30	120	88%
10:00 AM	10:50 AM	MTW	MTH 98 01	LEC	3	19	3	19	57	56%
11:00 AM	11:50 AM	MTWRF	MTH 251 01	LEC	5	31	5	36	180	106%
11:00 AM	11:50 AM	MTWRF	MTH 251H 01	LEC	5	5				
12:00 PM	12:50 PM	MTWF	MTH 105 01	LEC	4	26	4	26	104	76%
1:00 PM	1:50 PM	MTWF	MTH 98 03	LEC	4	21	4	21	84	62%
6:00 PM	8:50 PM	W	WR 121 08	LEC	3	23	3	23	69	68%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 3

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours:	<b>18</b>	Weekly Student Contact Hours:	<b>300</b>
Hours in Use Student Station Occupancy:	<b>60%</b>	Average Enrollment:	<b>17</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>28</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:30 AM	10:50 AM	TR	WR 122 01	LEC	3	25	3	25	75	89%
10:00 AM	10:50 AM	MWF	SP 218 01	LEC	3	19	3	19	57	68%
11:00 AM	12:20 PM	TR	SP 111 03	LEC	3	15	3	15	45	54%
12:00 PM	12:50 PM	MWF	SP 218 02	LEC	3	20	3	20	60	71%
1:00 PM	1:50 PM	MWF	SP 218 03	LEC	3	18	3	18	54	64%
6:00 PM	8:50 PM	R	SP 218 05	LEC	3	3	3	3	9	11%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 4

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours:	<b>10</b>	Weekly Student Contact Hours:	<b>140</b>
Hours in Use Student Station Occupancy:	<b>52%</b>	Average Enrollment:	<b>13</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>27</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

						COURSE			SECTION						
Start Time	End Time	Days	Course			TYPE	WRH	Enroll-ment	WRH	Enroll-ment	Student Station Occupancy %				
9:00 AM	10:20 AM	TR	WS	101	01	WS	101	01	LEC	3	14	3	14	42	52%
10:00 AM	10:50 AM	MW	WR	95	01	WR	95	01	LEC	2	11	2	11	22	41%
11:00 AM	12:20 PM	TR	WR	121	09	WR	121	09	LEC	3	24	3	24	72	89%
6:00 PM	7:50 PM	T	OA	220	01	OA	220	01	LEC	2	2	2	2	4	7%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 5

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **6**

Hours in Use Student

Station Occupancy: **51%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **43**Average Enrollment: **8**Capacity: **14**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
11:00 AM	11:50 AM	MTWRF	MTH 254 01	LEC	5	7	5	7	35	50%
5:00 PM	5:50 PM	M	HON 101 01	LEC	1	8	1	8	8	57%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 6

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours:

**18**

Weekly Student

Contact Hours:

**315**

Hours in Use Student

Station Occupancy:

**80%**

Average Enrollment:

**18**

Assignable Sq.Ft. / Station:

**0**

Capacity:

**22**

Assignable Square Feet

**0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MWF	SP 100 01	LEC	3	20	3	20	60	91%
9:00 AM	10:20 AM	TR	SP 219 01	LEC	3	17	3	17	51	77%
10:00 AM	10:50 AM	MWF	SP 111 01	LEC	3	20	3	20	60	91%
11:00 AM	11:50 AM	MWF	SP 111 02	LEC	3	19	3	19	57	86%
11:00 AM	12:20 PM	TR	SP 219 02	LEC	3	16	3	16	48	73%
6:00 PM	8:50 PM	M	SP 219 04	LEC	3	13	3	13	39	59%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 7

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours:	<b>10</b>	Weekly Student Contact Hours:	<b>221</b>
Hours in Use Student Station Occupancy:	<b>92%</b>	Average Enrollment:	<b>22</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>24</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MTWF	WR 90R 01 WR 90R 01	LEC	4	23	4	23	92	96%
10:00 AM	10:50 AM	MWF	ENG 104 01 ENG 104 01	LEC	3	21	3	21	63	88%
11:00 AM	11:50 AM	MWF	WR 121 06 WR 121 06	LEC	3	22	3	22	66	92%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 8

Space Use Code: Classroom

Department: ToBeDetermined

Weekly Room Hours:	<b>17</b>	Weekly Student Contact Hours:	<b>400</b>
Hours in Use Student Station Occupancy:	<b>94%</b>	Average Enrollment:	<b>23</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>25</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION					
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %		
9:00 AM	9:50 AM	MWF	WR	121 03	WR	121 03	LEC	3	25	3	26	78	104%
9:00 AM	9:50 AM	MWF	WR	121H 03	WR	121H 03	LEC	3	1				
9:30 AM	10:50 AM	TR	WR	121 10	WR	121 10	LEC	3	25	3	25	75	100%
10:00 AM	10:50 AM	MWF	WR	121 02	WR	121 02	LEC	3	25	3	27	81	108%
10:00 AM	10:50 AM	MWF	WR	121H 02	WR	121H 02	LEC	3	2				
11:00 AM	11:50 AM	TR	WR	95 02	WR	95 02	LEC	2	8	2	8	16	32%
12:30 PM	1:50 PM	TR	WR	121 11	WR	121 11	LEC	3	22	3	22	66	88%
6:00 PM	8:50 PM	W	DRFT	105 01	DRFT	105 01	LEC	3	28	3	28	84	112%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sitkum Hall • SITKUM 9

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours:	<b>15</b>	Weekly Student Contact Hours:	<b>298</b>
Hours in Use Student Station Occupancy:	<b>90%</b>	Average Enrollment:	<b>20</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>22</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MWF	HD 112 03	LEC	3	18	3	18	54	82%
10:00 AM	10:50 AM	MTWF	MTH 65 02	LEC	4	22	4	22	88	100%
1:00 PM	1:50 PM	MTWF	SPAN 101 01	LEC	4	26	4	26	104	118%
2:00 PM	2:50 PM	MTWF	SPAN 201 01	LEC	4	13	4	13	52	59%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Stensland Hall • STENSLAND 201

Space Use Code: Classroom

Department: \_ToBeDetermined

Weekly Room Hours: **36**      Weekly Student Contact Hours: **732**  
 Hours in Use Student Station Occupancy: **78%**      Average Enrollment: **20**  
 Assignable Sq.Ft. / Station: **0**      Capacity: **26**  
 Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE		SECTION				Student Station Occupancy %
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	
9:00 AM	9:50 AM	MWF	PSY 201 01	LEC	3	23	3	24	72	92%
9:00 AM	9:50 AM	MWF	PSY 201H 01	LEC	3	1				
9:30 AM	10:50 AM	TR	ECE 150 01	LEC	3	9	3	9	27	35%
10:00 AM	10:50 AM	MWF	PSY 201 02	LEC	3	26	3	27	81	104%
10:00 AM	10:50 AM	MWF	PSY 201H 02	LEC	3	1				
11:00 AM	11:50 AM	MWF	PSY 201 03	LEC	3	24	3	24	72	92%
11:00 AM	12:20 PM	TR	PSY 201 07	LEC	3	26	3	26	78	100%
12:00 PM	12:50 PM	MWF	PSY 201 05	LEC	3	24	3	24	72	92%
12:30 PM	1:50 PM	TR	HDFS 225 01	LEC	3	5	3	5	15	19%
1:00 PM	1:50 PM	MWF	PSY 201 06	LEC	3	23	3	24	72	92%
1:00 PM	1:50 PM	MWF	PSY 201H 06	LEC	3	1				
2:00 PM	2:50 PM	MWF	PSY 239 01	LEC	3	20	3	20	60	77%
2:00 PM	3:20 PM	TR	PSY 237 01	LEC	3	24	3	24	72	92%
6:00 PM	8:50 PM	T	PSY 201 08	LEC	3	25	3	25	75	96%
6:00 PM	8:50 PM	W	WR 241 01	LEC	3	12	3	12	36	46%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Stensland Hall • STENSLAND 202

Space Use Code: Classroom

Department: ToBeDetermined

Weekly Room Hours: **22**      Weekly Student Contact Hours: **347**  
 Hours in Use Student Station Occupancy: **39%**      Average Enrollment: **13**  
 Assignable Sq.Ft. / Station: **0**      Capacity: **40**  
 Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

						COURSE			SECTION						
Start Time	End Time	Days	Course			TYPE	WRH	Enroll-ment		WRH	Enroll-ment	WSCH	Student Station Occupancy %		
8:00 AM	8:50 AM	M	HD	100A	02	HD	100A	02	LEC	1	8	1	8	8	20%
8:00 AM	8:50 AM	W	HD	100A	04	HD	100A	04	LEC	1	9	1	9	9	23%
9:00 AM	9:50 AM	F	HD	100A	05	HD	100A	05	LEC	1	8	1	8	8	20%
9:00 AM	9:50 AM	M	HD	100A	01	HD	100A	01	LEC	1	15	1	15	15	38%
9:00 AM	9:50 AM	W	HD	100A	03	HD	100A	03	LEC	1	7	1	7	7	18%
11:00 AM	11:50 AM	MWF	HD	0529	01	HD	0529	01	LEC	3	11	3	21	63	53%
11:00 AM	11:50 AM	MWF	HD	111	01	HD	111	01	LEC	3	10				
12:00 PM	12:50 PM	MWF	WR	115	05	WR	115	05	LEC	3	15	3	15	45	38%
1:00 PM	1:50 PM	MTWR	MTH	81	01C	MTH	81	01C	LEC	4	16	4	18	72	45%
1:00 PM	1:50 PM	MTWR	MTH	81	02C	MTH	81	02C	LEC	4	2				
6:00 PM	7:50 PM	MW	BA	101	02	BA	101	02	LEC	4	21	4	21	84	53%
6:00 PM	8:50 PM	T	RE	0100	65.1	RE	0100	65.1	LEC	3	12	3	12	36	30%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Stensland Hall • STENSLAND 203

Space Use Code: Classroom

Department: ToBeDetermined

Weekly Room Hours: **31**      Weekly Student Contact Hours: **527**  
 Hours in Use Student Station Occupancy: **30%**      Average Enrollment: **14**  
 Assignable Sq.Ft. / Station: **0**      Capacity: **57**  
 Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION					
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %		
8:00 AM	8:50 AM	T	HD	100A 07	HD	100A 07	LEC	1	7	1	7	12%	
9:00 AM	9:50 AM	MWF	PHL	101 03	PHL	101 03	LEC	3	9	3	9	27	16%
9:00 AM	9:50 AM	T	HD	100A 08	HD	100A 08	LEC	1	9	1	9	9	16%
10:00 AM	10:50 AM	MWF	PHL	101 01	PHL	101 01	LEC	3	30	3	30	90	53%
10:00 AM	11:50 AM	TR	FN	225 01	FN	225 01	LEC	4	21	4	21	84	37%
11:00 AM	11:50 AM	MWF	BA	150 02	BA	150 02	LEC	3	23	3	23	69	40%
12:00 PM	1:50 PM	M	HD	0964 71	HD	0964 71	LEC	2	4	2	4	8	7%
12:30 PM	1:50 PM	TR	BA	101 01HB	BA	101 01HB	LEC	3	28	3	28	84	49%
3:00 PM	4:20 PM	M	HD	0964 69	HD	0964 69	LEC	1.3	11	1.3	11	14	19%
3:00 PM	4:20 PM	W	HD	0964 68	HD	0964 68	LEC	1.3	10	1.3	10	13	18%
4:00 PM	5:20 PM	R	HD	0964 67	HD	0964 67	LEC	1.3	4	1.3	4	5	7%
6:00 PM	7:20 PM	M	HD	0964 65	HD	0964 65	LEC	1.3	9	1.3	9	12	16%
6:00 PM	7:50 PM	TR	ECON	201 01	ECON	201 01	LEC	4	24	4	24	96	42%
6:00 PM	7:20 PM	W	HD	0964 66	HD	0964 66	LEC	1.3	7	1.3	7	9	12%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Stensland Hall • STENSLAND 204

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **21**

Hours in Use Student

Station Occupancy: **43%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **378**Average Enrollment: **18**Capacity: **42**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE		SECTION				Student Station Occupancy %
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	
9:00 AM	10:20 AM	TR	ANTH 101 01 ANTH 101 01	LEC	3	10	3	10	30	24%
10:00 AM	10:50 AM	MWF	SOC 204 01 SOC 204 01	LEC	3	26	3	26	78	62%
11:00 AM	11:50 AM	MWF	ANTH 221 01 ANTH 221 01	LEC	3	25	3	25	75	60%
11:00 AM	12:20 PM	TR	ANTH 230 01 ANTH 230 01	LEC	3	12	3	12	36	29%
12:00 PM	12:50 PM	MWF	WR 115 03C WR 115 03C	LEC	3	6	3	6	18	14%
12:30 PM	1:50 PM	TR	SOC 204 04 SOC 204 04	LEC	3	24	3	24	72	57%
1:00 PM	1:50 PM	MWF	ANTH 221 02 ANTH 221 02	LEC	3	23	3	23	69	55%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Stensland Hall • STENSLAND 205

Space Use Code: Classroom

Department: \_ToBeDeterminedWeekly Room Hours: **13**Hours in Use Student  
Station Occupancy: **52%**Assignable Sq.Ft. / Station: **0**Weekly Student  
Contact Hours: **160**Average Enrollment: **11**Capacity: **23**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE		SECTION				Student Station Occupancy %
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	
9:30 AM	10:50 AM	TR	ASL 101 01HB ASL 101 01HB	LEC	3	16	3	16	48	70%
11:00 AM	12:20 PM	TR	ASL 101 02HB ASL 101 02HB	LEC	3	8	3	8	24	35%
12:30 PM	3:20 PM	M	WR 250 01 WR 250 01	LEC	3	18	3	18	54	78%
1:00 PM	2:20 PM	R	HD 0964 70 HD 0964 70	LEC	1.3	3	1.3	3	4	13%
6:00 PM	8:50 PM	W	SPAN 0523 65 SPAN 0523 65	LEC	3	10	3	10	30	43%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Stensland Hall • STENSLAND 206

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours:	<b>18</b>	Weekly Student Contact Hours:	<b>327</b>
Hours in Use Student Station Occupancy:	<b>57%</b>	Average Enrollment:	<b>18</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>32</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MWF	HST 201 01	HST 201 01	LEC	3	22	3	22	66	69%
9:00 AM	10:20 AM	TR	HST 101 02	HST 101 02	LEC	3	10	3	10	30	31%
10:00 AM	10:50 AM	MWF	HST 101 01	HST 101 01	LEC	3	23	3	23	69	72%
11:00 AM	12:20 PM	TR	GEOG 105 01	GEOG 105 01	LEC	3	23	3	23	69	72%
1:00 PM	1:50 PM	MWF	HST 201 02	HST 201 02	LEC	3	13	3	13	39	41%
6:00 PM	8:50 PM	R	PS 201 01	PS 201 01	LEC	3	18	3	18	54	56%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 105

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **6**Hours in Use Student  
Station Occupancy: **53%**Assignable Sq.Ft. / Station: **0**Weekly Student  
Contact Hours: **93**Average Enrollment: **16**Capacity: **29**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll- ment	WRH	Enroll- ment	WSCH	Student Station Occupancy %
8:00 AM	8:50 AM	MWF	OA 205 02	LEC	3	10	3	10	30	34%
11:00 AM	12:20 PM	TR	BA 285 02	LEC	3	21	3	21	63	72%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 303

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours:	<b>7</b>	Weekly Student Contact Hours:	<b>165</b>
Hours in Use Student Station Occupancy:	<b>94%</b>	Average Enrollment:	<b>20</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>25</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
5:00 PM	6:50 PM	TWR	GED 0745 67	GED 0745 67	LEC	6	25	6	25	150	100%
5:00 PM	5:50 PM	W	ED 136 01	ED 136 01	LEC	1	15	1	15	15	60%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 305

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **19**

Hours in Use Student

Station Occupancy: **23%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **111**Average Enrollment: **6**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	11:50 AM	MTWR	ESL 0747 65	LEC	11.3	7	11.3	7	79	28%
6:00 PM	7:50 PM	MTWR	ESL 0747 66	LEC	8	4	8	4	32	16%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 3RD

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **24**

Hours in Use Student

Station Occupancy: **84%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **1.016**Average Enrollment: **42**Capacity: **50**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION		
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH Student Station Occupancy %
9:00 AM	1:50 PM	MTWRF	GED 0745 65	GED 0745 65	LEC	24.2	42	24.2	42 1,016 84%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 401

Space Use Code: Classroom

Department: ToBeDeterminedWeekly Room Hours: **23**

Hours in Use Student

Station Occupancy: **53%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **303**Average Enrollment: **14**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	9:50 AM	R	CS 160 01	CS 160 01	LEC	2	29	2	29	58	116%
9:00 AM	9:50 AM	MWF	CS 160 01.1	CS 160 01.1	LEC	3	29	3	29	87	116%
10:00 AM	10:50 AM	F	MTH 98 01.1	MTH 98 01.1	LEC	1	19	1	19	19	76%
10:00 AM	11:20 AM	TR	CIS 250 01	CIS 250 01	LEC	3	13	3	13	39	52%
12:00 PM	12:50 PM	F	CS 261 01.1	CS 261 01.1	LEC	1	3	1	3	3	12%
12:00 PM	1:50 PM	MW	CS 261 01	CS 261 01	LEC	4	3	4	3	12	12%
2:00 PM	2:50 PM	MW	CIS 120 05C.1	CIS 120 05C.1	LEC	2	12	2	16	32	64%
2:00 PM	2:50 PM	MW	CIS 120 06C.1	CIS 120 06C.1	LEC	2	4				
3:30 PM	5:50 PM	TR	CS 275 01	CS 275 01	LEC	4.7	10	4.7	10	47	40%
6:00 PM	8:00 PM	W	BA 0010 01	BA 0010 01	LEC	2	3	2	3	6	12%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 403

Space Use Code: Classroom

Department: **\_ToBeDetermined**

Weekly Room Hours:	<b>19</b>	Weekly Student Contact Hours:	<b>189</b>
Hours in Use Student Station Occupancy:	<b>40%</b>	Average Enrollment:	<b>12</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>25</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE		SECTION				Student Station Occupancy %
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	
9:00 AM	9:50 AM	MTWF	BA 211 01 BA 211 01	LEC	4	21	4	21	84	84%
9:00 AM	3:50 PM	S	ART 0589 65 ART 0589 65	LEC	6.8	5	6.8	5	34	20%
12:00 PM	12:50 PM	MW	CIS 120 02HB.1 CIS 120 02HB.1	LEC	2	25	2	25	50	100%
2:00 PM	4:50 PM	W	CS 0204 65 CS 0204 65	LEC	3	5	3	5	15	20%
6:00 PM	8:50 PM	T	CS 0203 65 CS 0203 65	LEC	3	2	3	2	6	8%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 407

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **4**Hours in Use Student  
Station Occupancy: **44%**Assignable Sq.Ft. / Station: **0**Weekly Student  
Contact Hours: **44**Average Enrollment: **11**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION				
				TYPE	WRH	Enroll- ment	WRH	Enroll- ment	WSCH	Student Station Occupancy %	
2:00 PM	3:50 PM	TR	CIS 140M 01	CIS 140M 01	LEC	4	11	4	11	44	44%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 408

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **4**

Hours in Use Student

Station Occupancy: **46%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **46**Average Enrollment: **9**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	W	CIS 90 01.1	LEC	1	4	1	4	4	16%
5:00 PM	7:50 PM	T	WR 227 01	LEC	3	14	3	14	42	56%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 409

Space Use Code: Classroom

Department: ToBeDeterminedWeekly Room Hours: **20**

Hours in Use Student

Station Occupancy: **83%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **416**Average Enrollment: **21**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MTWF	MTH 20 02	LEC	4	9	4	13	52	52%
9:00 AM	9:50 AM	MTWF	MTH 60 02	LEC	4	4				
10:00 AM	10:50 AM	MTWF	MTH 20 07	LEC	4	11	4	21	84	84%
10:00 AM	10:50 AM	MTWF	MTH 60 03	LEC	4	10				
11:00 AM	11:50 AM	MTWF	MTH 20 05	LEC	4	17	4	40	160	160%
11:00 AM	11:50 AM	MTWF	MTH 65 03	LEC	4	23				
12:00 PM	12:50 PM	MTWF	MTH 60 04	LEC	4	11	4	11	44	44%
1:00 PM	1:50 PM	MTWF	MTH 20 03	LEC	4	17	4	19	76	76%
1:00 PM	1:50 PM	MTWF	MTH 20 09C	LEC	4	2				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Tioga Hall • TIOGA 410

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **14**

Hours in Use Student

Station Occupancy: **52%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **179**Average Enrollment: **12**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	10:50 AM	TR	CIS 120 01	LEC	4	25	4	25	100	100%
4:00 PM	5:50 PM	TR	CIS 151 01	LEC	4	11	4	11	44	44%
6:00 PM	9:50 PM	T	CIS 120X 01	LEC	3.8	6	3.8	6	23	24%
6:00 PM	7:50 PM	W	CS 0613 66	LEC	2	6	2	6	12	24%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 109

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **10**Hours in Use Student  
Station Occupancy: **39%**Assignable Sq.Ft. / Station: **0**Weekly Student  
Contact Hours: **57**Average Enrollment: **6**Capacity: **15**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	11:50 AM	MW	NRS 222 31	LAB	5.7	5	5.7	5	29	33%
3:00 PM	4:50 PM	TR	ASL 101 31	LEC	4	7	4	7	28	47%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 118

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **19**Hours in Use Student  
Station Occupancy:**44%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **212**Average Enrollment: **11**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE		SECTION				Student Station Occupancy %
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	
9:00 AM	10:20 AM	M	SP 219 31	LEC	13	13	13	13	17	52%
9:00 AM	11:50 AM	T	PSY 237 31	LEC	3	8	3	8	24	32%
9:00 AM	11:50 AM	W	PSY 201 31	LEC	3	14	3	14	42	56%
3:00 PM	5:50 PM	W	ANTH 221 31	LEC	3	10	3	10	30	40%
6:00 PM	8:50 PM	M	BI 231 31.1	LEC	3	16	3	16	48	64%
6:00 PM	8:50 PM	R	SOC 204 31	LEC	3	6	3	6	18	24%
6:00 PM	8:50 PM	T	WR 121 32	LEC	3	11	3	11	33	44%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 206

Space Use Code: Classroom

Department: ToBeDeterminedWeekly Room Hours: **28**

Hours in Use Student

Station Occupancy: **50%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **416**Average Enrollment: **15**Capacity: **30**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE		Enroll-ment	SECTION			Student Station Occupancy %
				TYPE	WRH		WRH	Enroll-ment	WSCH	
9:00 AM	10:50 AM	TR	MTH 111 32	LEC	4	8	4	21	84	70%
9:00 AM	10:50 AM	TR	MTH 20 31	LEC	4	2				
9:00 AM	10:50 AM	TR	MTH 251 RC01	LEC	4	1				
9:00 AM	10:50 AM	TR	MTH 60 32	LEC	4	2				
9:00 AM	10:50 AM	TR	MTH 65 33	LEC	4	3				
9:00 AM	10:50 AM	TR	MTH 95 31	LEC	4	5				
12:00 PM	2:50 PM	F	PHL 103 31	LEC	3	9	3	9	27	30%
12:00 PM	2:50 PM	W	WR 121 31	LEC	3	19	3	19	57	63%
5:00 PM	5:50 PM	MW	MTH 0760 98	LEC	2	1	2	1	2	3%
6:00 PM	7:50 PM	MW	MTH 111 31	LEC	4	3	4	14	56	47%
6:00 PM	7:50 PM	MW	MTH 112 31	LEC	4	4				
6:00 PM	7:50 PM	MW	MTH 20 32	LEC	4	4				
6:00 PM	7:50 PM	MW	MTH 65 32	LEC	4	2				
6:00 PM	7:50 PM	MW	MTH 95 32	LEC	4	1				
6:00 PM	8:50 PM	R	ABE 0745 99	LEC	3	1	3	25	75	83%
6:00 PM	8:50 PM	R	ABE 0745 99.1	LEC	3	1				
6:00 PM	8:50 PM	R	ESL 0747 99	LEC	3	1				
6:00 PM	8:50 PM	R	GED 0745 99	LEC	3	11				
6:00 PM	8:50 PM	R	GED 0745 99.1	LEC	3	11				
6:00 PM	8:50 PM	T	ABE 0745 98	LEC	3	1	3	25	75	83%
6:00 PM	8:50 PM	T	ABE 0745 98.1	LEC	3	1				
6:00 PM	8:50 PM	T	ESL 0747 94	LEC	3	1				
6:00 PM	8:50 PM	T	GED 0745 98	LEC	3	11				
6:00 PM	8:50 PM	T	GED 0745 98.1	LEC	3	11				
6:00 PM	8:50 PM	TR	ABE 0743 99	LEC	5.7	7	5.7	7	40	23%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 208

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **2**

Hours in Use Student

Station Occupancy: **20%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **10**Average Enrollment: **5**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
3:00 PM	4:50 PM	M	WR 95 31	LEC	2	5	2	5	10	20%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 233

Space Use Code: Classroom

Department: \_ToBeDetermined

Weekly Room Hours: 8

Hours in Use Student

Station Occupancy: 18%

Assignable Sq.Ft. / Station: 0

Weekly Student

Contact Hours: 35

Average Enrollment: 5

Capacity: 25

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	Enroll-ment	WSCH	Student Station	Occupancy %
3:00 PM	4:50 PM	MW	AC 2764 31	LEC	4	1	4	2	7	7%
3:00 PM	4:20 PM	MW	BA 211 31	LEC	3	1				
6:00 PM	7:50 PM	MW	CIS 120 31	LEC	4	6	4	8	28	28%
6:00 PM	6:50 PM	MW	CIS 90 31	LEC	2	2				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 234

Space Use Code: Classroom

Department: **\_ToBeDetermined**Weekly Room Hours: **11**

Hours in Use Student

Station Occupancy: **18%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **49**Average Enrollment: **5**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
11:00 AM	12:20 PM	TR	GEOG 105 31	LEC	3	7	3	7	21	28%
4:00 PM	5:50 PM	MW	MTH 211 31	LEC	4	2	4	2	8	8%
6:00 PM	7:50 PM	TR	SPAN 101 31	LEC	4	5	4	5	20	20%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours





# Teaching Laboratory Utilization Analysis

## Detail by Room

SOUTHWESTERN OREGON COMMUNITY COLLEGE

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

B2 • B2 1

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: 12

Hours in Use Student  
Station Occupancy: 67%

Assignable Sq.Ft. / Station: 0

Weekly Student  
Contact Hours: 225

Average Enrollment: 19

Capacity: 28

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	9:20 AM	MW	HE 252 01 HE 252 01	LAB	3.00	21	3.00	21	63	75%
8:00 AM	8:50 AM	T	DEN 103 01 DEN 103 01	LAB	1.00	18	1.00	18	18	64%
9:00 AM	9:50 AM	TR	DEN 102 01 DEN 102 01	LAB	2.00	18	2.00	18	36	64%
10:00 AM	11:20 AM	TR	DEN 101 01 DEN 101 01	LAB	3.00	18	3.00	18	54	64%
11:30 AM	12:50 PM	TR	DEN 101 01.1 DEN 101 01.1	LAB	3.00	18	3.00	18	54	64%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Coaledo Hall • COALEDO 10

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>20</b>	Weekly Student Contact Hours:	<b>299</b>
Hours in Use Student Station Occupancy:	<b>58%</b>	Average Enrollment:	<b>15</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>26</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MWF	GS 104 01 GS 104 01	LAB	3.00	23	3.00	23	69	88%
10:00 AM	10:50 AM	MTWF	PH 201 01 PH 201 01	LAB	4.00	10	4.00	10	40	38%
11:00 AM	1:50 PM	R	PH 211 01 PH 211 01	LAB	3.00	13	3.00	13	39	50%
1:00 PM	1:50 PM	MTWF	PH 211 01.1 PH 211 01.1	LAB	4.00	13	4.00	13	52	50%
2:00 PM	4:50 PM	M	PH 201 01.1 PH 201 01.1	LAB	3.00	10	3.00	10	30	38%
2:00 PM	4:50 PM	R	GS 104 01.1 GS 104 01.1	LAB	3.00	23	3.00	23	69	88%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Coaledo Hall • COALEDO 2

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours:	<b>12</b>	Weekly Student Contact Hours:	<b>243</b>
Hours in Use Student Station Occupancy:	<b>68%</b>	Average Enrollment:	<b>20</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>30</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	10:50 AM	R	CHEM 221 02 CHEM 221 02	LAB	3.00	27	3.00	27	81	90%
11:00 AM	1:50 PM	R	CHEM 221 01.1 CHEM 221 01.1	LAB	3.00	27	3.00	27	81	90%
2:00 PM	4:50 PM	R	CHEM 245 01.1 CHEM 245 01.1	LAB	3.00	5	3.00	5	15	17%
6:00 PM	8:50 PM	W	BI 231 04.1 BI 231 04.1	LAB	3.00	22	3.00	22	66	73%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Coaledo Hall • COALEDO 3

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>24</b>	Weekly Student Contact Hours:	<b>669</b>
Hours in Use Student Station Occupancy:	<b>59%</b>	Average Enrollment:	<b>27</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>48</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	8:50 AM	MWF	BI 234 01 BI 234 01	LAB	3.00	21	3.00	21	63	44%
8:00 AM	11:50 AM	S	WKPL 0101 65 WKPL 0101 65	LAB	3.80	5	3.80	5	19	10%
10:00 AM	10:50 AM	MWF	CHEM 245 01 CHEM 245 01	LAB	3.00	5	3.00	5	15	10%
11:00 AM	11:50 AM	MTWF	CHEM 221 01 CHEM 221 01	LAB	4.00	27	4.00	54	216	113%
11:00 AM	11:50 AM	MTWF	CHEM 221 02.1 CHEM 221 02.1	LAB	4.00	27				
12:00 PM	12:50 PM	MTWF	CHEM 110 01 CHEM 110 01	LAB	4.00	39	4.00	44	176	92%
12:00 PM	12:50 PM	MTWF	CHEM 110H 01 CHEM 110H 01	LAB	4.00	5				
1:00 PM	1:50 PM	MWF	BI 231 02 BI 231 02	LAB	3.00	18	3.00	38	114	79%
1:00 PM	1:50 PM	MWF	BI 231 01.1 BI 231 01.1	LAB	3.00	20				
6:00 PM	8:50 PM	M	BI 231 04 BI 231 04	LAB	3.00	22	3.00	22	66	46%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Coaledo Hall • COALEDO 6

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours:	<b>24</b>	Weekly Student Contact Hours:	<b>522</b>
Hours in Use Student Station Occupancy:	<b>84%</b>	Average Enrollment:	<b>22</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>26</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	10:50 AM	T	BI 201 02	LAB	3.00	22	3.00	22	66	85%
9:00 AM	11:50 AM	F	BI 231 03HB	LAB	3.00	17	3.00	17	51	65%
9:00 AM	10:20 AM	MW	BI 234 01.1	LAB	3.00	21	3.00	21	63	81%
11:00 AM	1:50 PM	R	BI 231 01	LAB	3.00	20	3.00	20	60	77%
11:00 AM	1:50 PM	T	BI 101 02	LAB	3.00	26	3.00	26	78	100%
2:00 PM	4:50 PM	M	BI 201 01	LAB	3.00	23	3.00	23	69	88%
2:00 PM	4:50 PM	R	BI 231 02.1	LAB	3.00	18	3.00	18	54	69%
2:00 PM	4:50 PM	T	BI 101 03	LAB	3.00	27	3.00	27	81	104%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Coaledo Hall • COALEDO 7

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>9</b>	Weekly Student Contact Hours:	<b>237</b>
Hours in Use Student Station Occupancy:	<b>69%</b>	Average Enrollment:	<b>26</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>38</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	10:50 AM	R	G 201 03 G 201 03	LAB	3.00	18	3.00	18	54	47%
11:00 AM	1:50 PM	R	G 201 01 G 201 01	LAB	3.00	49	3.00	49	147	129%
2:00 PM	4:50 PM	R	G 201 02 G 201 02	LAB	3.00	12	3.00	12	36	32%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Eden Hall • EDEN 1

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: 31

Hours in Use Student

Station Occupancy: 24%

Assignable Sq.Ft. / Station: 0

Weekly Student  
Contact Hours: 803

Average Enrollment: 36

Capacity: 108

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
10:00 AM	11:50 AM	F	WKPL 9028 66	WKPL 9028 66	LAB	2.00	4	2.00	4	8	4%
10:00 AM	10:50 AM	MWF	G 201 01.1	G 201 01.1	LAB	3.00	49	3.00	79	237	73%
10:00 AM	10:50 AM	MWF	G 201 02.1	G 201 02.1	LAB	3.00	12				
10:00 AM	10:50 AM	MWF	G 201 03.1	G 201 03.1	LAB	3.00	18				
10:00 AM	11:50 PM	R	WKPL 9028 65	WKPL 9028 65	LAB	13.80	5	13.80	5	69	5%
11:00 AM	11:50 AM	MWF	BI 101 02.1	BI 101 02.1	LAB	3.00	26	3.00	53	159	49%
11:00 AM	11:50 AM	MWF	BI 101 03.1	BI 101 03.1	LAB	3.00	27				
12:00 PM	12:50 PM	MWF	ART 204 01	ART 204 01	LAB	3.00	11	3.00	11	33	10%
1:00 PM	1:50 PM	MWF	BI 201 01.1	BI 201 01.1	LAB	3.00	23	3.00	45	135	42%
1:00 PM	1:50 PM	MWF	BI 201 02.1	BI 201 02.1	LAB	3.00	22				
6:00 PM	9:00 PM	W	FS 9003 01	FS 9003 01	LAB	3.00	54	3.00	54	162	50%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Eden Hall • EDEN 3

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**Weekly Room Hours: **11**Hours in Use Student  
Station Occupancy: **123%**Assignable Sq.Ft. / Station: **0**Weekly Student  
Contact Hours: **279**Average Enrollment: **25**Capacity: **20**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
12:30 PM	3:20 PM	TR	ART 131 01 ART 131 01	LAB	5.70	18	5.70	32	182	160%
12:30 PM	3:20 PM	TR	ART 191 01 ART 191 01	LAB	5.70	9				
12:30 PM	3:20 PM	TR	ART 231 01 ART 231 01	LAB	5.70	5				
1:00 PM	3:50 PM	MW	ART 281 01 ART 281 01	LAB	5.70	17	5.70	17	97	85%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Eden Hall • EDEN 5

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: 20

Hours in Use Student  
Station Occupancy: 82%

Assignable Sq.Ft. / Station: 0

Weekly Student  
Contact Hours: 330

Average Enrollment: 17

Capacity: 20

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	11:50 AM	TR	ART 253 01 ART 253 01	LAB	5.70	16	5.70	16	91	80%
12:30 PM	3:20 PM	TR	ART 256 01 ART 256 01	LAB	5.70	15	5.70	19	108	95%
12:30 PM	3:20 PM	TR	ART 291 01 ART 291 01	LAB	5.70	4				
6:00 PM	8:50 PM	MW	ART 244 01 ART 244 01	LAB	5.70	14	5.70	14	80	70%
6:00 PM	8:50 PM	T	ART 0257 65 ART 0257 65	LAB	3.00	16	3.00	17	51	85%
6:00 PM	8:50 PM	T	ART 0257 66 ART 0257 66	LAB	3.00	1				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Eden Hall • EDEN 7

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>12</b>	Weekly Student Contact Hours:	<b>168</b>
Hours in Use Student Station Occupancy:	<b>78%</b>	Average Enrollment:	<b>14</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>18</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MWF	ART 115 01    ART 115 01	LAB	3.00	15	3.00	15	45	83%
10:00 AM	10:50 AM	MWF	ART 115 01.1    ART 115 01.1	LAB	3.00	15	3.00	15	45	83%
1:00 PM	1:50 PM	MWF	ART 115 02    ART 115 02	LAB	3.00	13	3.00	13	39	72%
2:00 PM	2:50 PM	MWF	ART 115 02.1    ART 115 02.1	LAB	3.00	13	3.00	13	39	72%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Empire Hall • EMPR LVF

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: 6

Hours in Use Student

Station Occupancy: 29%

Assignable Sq.Ft. / Station: 0

Weekly Student

Contact Hours: 58

Average Enrollment: 10

Capacity: 35

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

						COURSE			SECTION			
						TYPE	WRH	Enroll- ment	WRH	Enroll- ment	WSCH	Student Station Occupancy %
8:30 AM	2:20 PM	T	IND 4100 67	IND 4100 67		LAB	5.80	10	5.80	10	58	29%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

SOUTHWESTERN OREGON CC • MAIN CAMPUS

Scheduled Utilization

Fairview Hall • FAIRVIEW 1

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours:	5	Weekly Student Contact Hours:	58
Hours in Use Student Station Occupancy:	60%	Average Enrollment:	12
Assignable Sq.Ft. / Station:	0	Capacity:	20
		Assignable Square Feet	0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
4:00 PM	8:50 PM	T	MT 101 01 MT 101 01	LAB	4.80	12	4.80	12	58	60%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Fairview Hall • FAIRVIEW 2

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**Weekly Room Hours: **8**

Hours in Use Student

Station Occupancy: **58%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **87**Average Enrollment: **12**Capacity: **20**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	11:50 AM	R	WLD 4155 01.1 WLD 4155 01.1	LAB	3.80	8	3.80	8	30	40%
8:00 AM	11:50 AM	T	WLD 100 01 WLD 100 01	LAB	3.80	15	3.80	15	57	75%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Fairview Hall • FAIRVIEW 3

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>7</b>	Weekly Student Contact Hours:	<b>80</b>
Hours in Use Student Station Occupancy:	<b>48%</b>	Average Enrollment:	<b>11</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>24</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
7:00 AM	8:00 AM	MW	WLD 101 02 WLD 101 02	LAB	2.00	13	2.00	13	26	54%
7:00 AM	8:00 AM	R	WLD 4155 01 WLD 4155 01	LAB	1.00	8	1.00	8	8	33%
1:00 PM	2:00 PM	MW	WLD 101 01 WLD 101 01	LAB	2.00	12	2.00	12	24	50%
1:00 PM	2:00 PM	R	WLD 201 01 WLD 201 01	LAB	1.00	8	1.00	8	8	33%
1:00 PM	2:00 PM	T	WLD 100 02 WLD 100 02	LAB	1.00	14	1.00	14	14	58%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Oregon Coast Culinary Institute • OCCI 121

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: 24

Hours in Use Student

Station Occupancy: 195%

Assignable Sq.Ft. / Station: 0

Weekly Student

Contact Hours: 944

Average Enrollment: 39

Capacity: 20

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
7:00 AM	11:50 AM	MTWRF	CRT 2000 03	CRT	24.20	13	24.20	39	944	195%
7:00 AM	11:50 AM	MTWRF	CRT 2001 03	CRT	24.20	13				
7:00 AM	11:50 AM	MTWRF	CRT 2002 03	CRT	24.20	13				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

SOUTHWESTERN OREGON CC • MAIN CAMPUS

Scheduled Utilization

Oregon Coast Culinary Institute • OCCI 128

Space Use Code: Teaching Lab

Department: <b>_ToBeDetermined</b>			
Weekly Room Hours:	<b>24</b>	Weekly Student Contact Hours:	<b>1.258</b>
Hours in Use Student Station Occupancy:	<b>173%</b>	Average Enrollment:	<b>52</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>30</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

						COURSE			SECTION						
Start Time	End Time	Days	Course			TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %			
7:00 AM	11:50 AM	MTWRF	CRT	2031	01	CRT	2031	01	LAB	24.20	26	24.20	52	1,258	173%
7:00 AM	11:50 AM	MTWRF	CRT	2032	01	CRT	2032	01	LAB	24.20	26				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Oregon Coast Culinary Institute • OCCI 131

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: 24

Hours in Use Student  
Station Occupancy: 51%

Assignable Sq.Ft. / Station: 0

Weekly Student  
Contact Hours: 1.234

Average Enrollment: 51

Capacity: 100

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll- ment	WRH	Enroll- ment	WSCH	Student Station Occupancy %
7:00 AM	11:50 AM	MTWRF	CRT 2015 01 CRT 2015 01	LAB	24.20	51	24.20	51	1,234	51%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Oregon Coast Culinary Institute • OCCI 135

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>24</b>	Weekly Student Contact Hours:	<b>121</b>
Hours in Use Student Station Occupancy:	<b>25%</b>	Average Enrollment:	<b>5</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>20</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
3:00 PM	7:50 PM	MTWRF	CRT 2006 01	LAB	24.20	3	24.20	5	121	25%
3:00 PM	7:50 PM	MTWRF	CRT 2017 01	LAB	24.20	2				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Oregon Coast Culinary Institute • OCCI 136

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: **48**      Weekly Student Contact Hours: **1.041**  
 Hours in Use Student Station Occupancy: **108%**      Average Enrollment: **22**  
 Assignable Sq.Ft. / Station: **0**      Capacity: **20**  
 Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

						COURSE			SECTION			
Start Time	End Time	Days	Course			TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
7:00 AM	11:50 AM	MTWRF	CRT	2000 01	CRT 2000 01	LAB	24.20	13	24.20	39	944	195%
7:00 AM	11:50 AM	MTWRF	CRT	2001 01	CRT 2001 01	LAB	24.20	13				
7:00 AM	11:50 AM	MTWRF	CRT	2002 01	CRT 2002 01	LAB	24.20	13				
3:00 PM	7:50 PM	MTWRF	CRT	2003 01	CRT 2003 01	LAB	24.20	2	24.20	4	97	20%
3:00 PM	7:50 PM	MTWRF	CRT	2050 01	CRT 2050 01	LAB	24.20	2				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Prosper Hall • PROS 3

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>11</b>	Weekly Student Contact Hours:	<b>207</b>
Hours in Use Student Station Occupancy:	<b>63%</b>	Average Enrollment:	<b>20</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>30</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:30 AM	10:50 AM	TR	PE 185P 01 PE 185P 01	LAB	3.00	4	3.00	4	12	13%
6:30 PM	7:20 PM	TR	PE 0410 65 PE 0410 65	LAB	2.00	33	2.00	33	66	110%
7:30 PM	8:50 PM	MW	PE 185KA01 PE 185KA01	LAB	3.00	4	3.00	13	39	43%
7:30 PM	8:50 PM	MW	PE 185KB01 PE 185KB01	LAB	3.00	8				
7:30 PM	8:50 PM	MW	PE 185KI01 PE 185KI01	LAB	3.00	1				
7:30 PM	8:50 PM	TR	PE 185JA01 PE 185JA01	LAB	3.00	5	3.00	30	90	100%
7:30 PM	8:50 PM	TR	PE 185JB01 PE 185JB01	LAB	3.00	20				
7:30 PM	8:50 PM	TR	PE 185JI01 PE 185JI01	LAB	3.00	5				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Prosper Hall • PROS GYM

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**Weekly Room Hours: **14**

Hours in Use Student

Station Occupancy: **31%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **134**Average Enrollment: **10**Capacity: **30**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
4:00 PM	4:50 PM	MTWRF	PE 185VA01 PE 185VA01	LAB	5.00	12	5.00	12	60	40%
6:00 PM	7:50 PM	MTWRF	PE 185BH02 PE 185BH02	LAB	9.20	8	9.20	8	74	27%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Recreation Center • REC 103

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>12</b>	Weekly Student Contact Hours:	<b>165</b>
Hours in Use Student Station Occupancy:	<b>57%</b>	Average Enrollment:	<b>14</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>24</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:30 AM	10:50 AM	TR	PE 131 01 PE 131 01	LAB	3.00	22	3.00	22	66	92%
11:00 AM	11:50 AM	MWF	PE 231 01 PE 231 01	LAB	3.00	18	3.00	18	54	75%
12:00 PM	1:20 PM	TR	CRT 2039 01 CRT 2039 01	LAB	3.00	7	3.00	7	21	29%
1:30 PM	2:50 PM	TR	CRT 2039 03 CRT 2039 03	LAB	3.00	8	3.00	8	24	33%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Recreation Center • REC 105

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: 12

Hours in Use Student

Station Occupancy: 80%

Assignable Sq.Ft. / Station: 0

Weekly Student

Contact Hours: 231

Average Enrollment: 19

Capacity: 24

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	10:20 AM	TR	HE 250 01 HE 250 01	LAB	3.00	17	3.00	17	51	71%
11:00 AM	11:50 AM	MWF	HE 250 03 HE 250 03	LAB	3.00	30	3.00	30	90	125%
11:00 AM	12:20 PM	TR	PET 264 01 PET 264 01	LAB	3.00	10	3.00	10	30	42%
12:00 PM	12:50 PM	MWF	PE 231 02 PE 231 02	LAB	3.00	20	3.00	20	60	83%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

SOUTHWESTERN OREGON CC • MAIN CAMPUS

Scheduled Utilization

Recreation Center • REC 111

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours:	5	Weekly Student Contact Hours:	50
Hours in Use Student Station Occupancy:	42%	Average Enrollment:	10
Assignable Sq.Ft. / Station:	0	Capacity:	24
		Assignable Square Feet	0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
2:00 PM	2:50 PM	MTWRF	PE 185BH01 PE 185BH01	LAB	5.00	10	5.00	10	50	42%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Recreation Center • REC 117

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours:	<b>15</b>	Weekly Student Contact Hours:	<b>228</b>
Hours in Use Student Station Occupancy:	<b>61%</b>	Average Enrollment:	<b>15</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>25</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
6:00 AM	6:50 AM	MWF	PE 185BQ04 PE 185BQ04	LAB	3.00	12	3.00	12	36	48%
6:30 AM	7:50 AM	TR	PE 185BQ02 PE 185BQ02	LAB	3.00	17	3.00	19	57	76%
6:30 AM	7:50 AM	TR	PE 185BR02 PE 185BR02	LAB	3.00	2				
7:00 AM	7:50 AM	MWF	PE 185BQ03 PE 185BQ03	LAB	3.00	13	3.00	14	42	56%
7:00 AM	7:50 AM	MWF	PE 185BR03 PE 185BR03	LAB	3.00	1				
4:00 PM	4:50 PM	MWF	PE 185BQ01 PE 185BQ01	LAB	3.00	15	3.00	17	51	68%
4:00 PM	4:50 PM	MWF	PE 185BR01 PE 185BR01	LAB	3.00	2				
8:00 PM	8:50 PM	MWF	PE 185PC04 PE 185PC04	LAB	3.00	14	3.00	14	42	56%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Recreation Center • REC 121

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**Weekly Room Hours: **11**Hours in Use Student  
Station Occupancy: **56%**Assignable Sq.Ft. / Station: **0**Weekly Student  
Contact Hours: **153**Average Enrollment: **15**Capacity: **25**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
12:00 PM	12:50 PM	MW	PE 0503 65 PE 0503 65	LAB	2.00	16	2.00	16	32	64%
12:00 PM	12:50 PM	TRF	PE 0509 65 PE 0509 65	LAB	3.00	12	3.00	16	48	64%
12:00 PM	12:50 PM	TRF	PE 185BU01 PE 185BU01	LAB	3.00	4				
1:00 PM	1:50 PM	M	PE 0507 66 PE 0507 66	LAB	1.00	17	1.00	17	17	68%
1:00 PM	1:50 PM	R	PE 0504 65 PE 0504 65	LAB	1.00	17	1.00	17	17	68%
1:00 PM	1:50 PM	W	PE 0506 65 PE 0506 65	LAB	1.00	15	1.00	15	15	60%
5:30 PM	6:20 PM	MWF	PE 0505 65 PE 0505 65	LAB	3.00	7	3.00	8	24	32%
5:30 PM	6:20 PM	MWF	PE 185BV01 PE 185BV01	LAB	3.00	1				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Recreation Center • REC 125

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>5</b>	Weekly Student Contact Hours:	<b>16</b>
Hours in Use Student Station Occupancy:	<b>20%</b>	Average Enrollment:	<b>7</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>16</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
5:30 PM	6:20 PM	M	PE 0507 65 PE 0507 65	LAB	1.00	12	1.00	12	12	75%
6:00 PM	7:20 PM	TRF	PE 185CS01 PE 185CS01	LAB	4.00	1	4.00	1	4	6%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Recreation Center • REC 126

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>10</b>	Weekly Student Contact Hours:	<b>215</b>
Hours in Use Student Station Occupancy:	<b>72%</b>	Average Enrollment:	<b>22</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>30</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
3:00 PM	3:50 PM	MTWRF	PE 185WI01 PE 185WI01	LAB	5.00	25	5.00	25	125	83%
4:00 PM	4:50 PM	MTWRF	PE 185WI02 PE 185WI02	LAB	5.00	18	5.00	18	90	60%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Recreation Center • REC 131

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours:	<b>12</b>	Weekly Student Contact Hours:	<b>213</b>
Hours in Use Student Station Occupancy:	<b>71%</b>	Average Enrollment:	<b>18</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>25</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
11:00 AM	12:20 PM	MW	PE 185PC03 PE 185PC03	LAB	3.00	22	3.00	22	66	88%
11:00 AM	12:20 PM	TR	PE 185PC02 PE 185PC02	LAB	3.00	22	3.00	22	66	88%
1:00 PM	1:50 PM	MWR	PE 0525 65 PE 0525 65	LAB	3.00	8	3.00	9	27	36%
1:00 PM	1:50 PM	MWR	PE 185PF01 PE 185PF01	LAB	3.00	1				
6:00 PM	7:20 PM	TR	PE 0514 01 PE 0514 01	LAB	3.00	18	3.00	18	54	72%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

SOUTHWESTERN OREGON CC • MAIN CAMPUS

Scheduled Utilization

Recreation Center • REC GYM

Space Use Code: Teaching Lab

Department: <b>_ToBeDetermined</b>			
Weekly Room Hours:	<b>5</b>	Weekly Student Contact Hours:	<b>130</b>
Hours in Use Student Station Occupancy:	<b>87%</b>	Average Enrollment:	<b>26</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>30</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
2:00 PM	2:50 PM	MTWRF	PE 185SA01 PE 185SA01	LAB	5.00	26	5.00	26	130	87%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sumner Hall • SUMNER 10

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours:	<b>8</b>	Weekly Student Contact Hours:	<b>120</b>
Hours in Use Student Station Occupancy:	<b>68%</b>	Average Enrollment:	<b>15</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>22</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	11:45 AM	MTWR	EMT 296 01 EMT 296 01	LAB	4.00	17	4.00	17	68	77%
6:00 PM	7:50 PM	TR	EMT 260 01 EMT 260 01	LAB	4.00	13	4.00	13	52	59%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sumner Hall • SUMNER 11

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours:	<b>16</b>	Weekly Student Contact Hours:	<b>315</b>
Hours in Use Student Station Occupancy:	<b>54%</b>	Average Enrollment:	<b>19</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>36</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	11:50 AM	MW	NRS 222 01.1	LAB	5.70	8	5.70	23	131	64%
9:00 AM	11:50 AM	MW	NRS 222 02.1	LAB	5.70	7				
9:00 AM	11:50 AM	MW	NRS 222 03.1	LAB	5.70	8				
9:00 AM	11:20 AM	TR	AH 131 01	LAB	4.70	4	4.70	4	19	11%
1:00 PM	3:50 PM	MW	NRS 110 01.2	LAB	5.70	8	5.70	29	165	81%
1:00 PM	3:50 PM	MW	NRS 110 02.2	LAB	5.70	8				
1:00 PM	3:50 PM	MW	NRS 110 03.1	LAB	5.70	8				
1:00 PM	3:50 PM	MW	NRS 110 04.1	LAB	5.70	5				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sumner Hall • SUMNER 12

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: 25

Hours in Use Student

Station Occupancy: 55%

Assignable Sq.Ft. / Station: 0

Weekly Student

Contact Hours: 421

Average Enrollment: 17

Capacity: 31

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	9:50 AM	T	CJ 231 01 CJ 231 01	LAB	2.00	15	2.00	15	30	48%
8:30 AM	9:50 AM	MW	AH 111 04 AH 111 04	LAB	3.00	23	3.00	23	69	74%
10:00 AM	11:50 AM	MWF	FS 115 01 FS 115 01	LAB	6.00	12	6.00	12	72	39%
1:00 PM	2:20 PM	MW	FS 100 01 FS 100 01	LAB	3.00	22	3.00	22	66	71%
1:00 PM	2:50 PM	R	FS 205 01HB.2 FS 205 01HB.2	LAB	2.00	17	2.00	17	34	55%
1:00 PM	2:50 PM	T	FS 200 01HB FS 200 01HB	LAB	2.00	17	2.00	17	34	55%
6:00 PM	9:50 PM	M	CJ 100 01 CJ 100 01	LAB	3.80	25	3.80	25	95	81%
6:00 PM	8:50 PM	W	CJ 201 01 CJ 201 01	LAB	3.00	7	3.00	7	21	23%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sumner Hall • SUMNER 13

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>18</b>	Weekly Student Contact Hours:	<b>105</b>
Hours in Use Student Station Occupancy:	<b>35%</b>	Average Enrollment:	<b>6</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>17</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	2:50 PM	TWR	NUR 220 01.1    NUR 220 01.1	LAB	17.50	6	17.50	6	105	35%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sumner Hall • SUMNER 2

Space Use Code: Teaching Lab

Department: ToBeDeterminedWeekly Room Hours: **50**

Hours in Use Student

Station Occupancy: **46%**Assignable Sq.Ft. / Station: **0**

Weekly Student

Contact Hours: **548**Average Enrollment: **9**Capacity: **24**Assignable Square Feet **0**

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	3:20 PM	F	NUR 220 01.2	NUR 220 01.2	LAB	6.30	6	6.30	6	38	25%
9:00 AM	3:20 PM	MTWR	NRS 121 01	NRS 121 01	LAB	25.30	14	25.30	14	354	58%
9:00 AM	11:50 AM	R	NRS 110 02.1	NRS 110 02.1	LAB	3.00	8	3.00	8	24	33%
9:00 AM	11:50 AM	T	NRS 222 03.2	NRS 222 03.2	LAB	3.00	8	3.00	8	24	33%
9:00 AM	11:50 AM	W	NRS 110 01.1	NRS 110 01.1	LAB	3.00	8	3.00	8	24	33%
1:00 PM	3:50 PM	R	NRS 222 02.2	NRS 222 02.2	LAB	3.00	7	3.00	7	21	29%
1:00 PM	3:50 PM	T	NRS 110 03.2	NRS 110 03.2	LAB	3.00	8	3.00	13	39	54%
1:00 PM	3:50 PM	T	NRS 110 04.2	NRS 110 04.2	LAB	3.00	5				
1:00 PM	3:50 PM	W	NRS 222 01.2	NRS 222 01.2	LAB	3.00	8	3.00	8	24	33%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sunset Hall • SUNSET 1

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>7</b>	Weekly Student Contact Hours:	<b>48</b>
Hours in Use Student Station Occupancy:	<b>57%</b>	Average Enrollment:	<b>7</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>12</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
9:00 AM	9:50 AM	MWF	MUS 101 01	MUS 101 01	LAB	3.00	6	3.00	6	18	50%
9:00 AM	9:50 AM	TR	MUS 131 01	MUS 131 01	LAB	2.00	8	2.00	8	16	67%
10:00 AM	10:50 AM	TR	MUS 131 02	MUS 131 02	LAB	2.00	7	2.00	7	14	58%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • MAIN CAMPUS

## Scheduled Utilization

## Sunset Hall • SUNSET 2

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours:	<b>23</b>	Weekly Student Contact Hours:	<b>224</b>
Hours in Use Student Station Occupancy:	<b>29%</b>	Average Enrollment:	<b>9</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>34</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:00 AM	8:50 AM	MWF	MUS 111 01	MUS 111 01	LAB	3.00	16	3.00	16	48	47%
9:00 AM	9:50 AM	MWF	MUS 211 01	MUS 211 01	LAB	3.00	5	3.00	5	15	15%
9:00 AM	9:50 AM	TR	MUS 224 01	MUS 224 01	LAB	2.00	4	2.00	4	8	12%
11:00 AM	11:50 AM	TR	MUS 114 01	MUS 114 01	LAB	2.00	14	2.00	14	28	41%
2:00 PM	2:50 PM	MWF	MUS 201 01	MUS 201 01	LAB	3.00	5	3.00	5	15	15%
4:00 PM	5:50 PM	MW	MUP 125 01	MUP 125 01	LAB	4.00	17	4.00	21	84	62%
4:00 PM	5:50 PM	MW	MUP 125 02	MUP 125 02	LAB	4.00	4				
4:00 PM	5:50 PM	T	MUP 105 01	MUP 105 01	LAB	2.00	6	2.00	7	14	21%
4:00 PM	5:50 PM	T	MUP 105 02	MUP 105 02	LAB	2.00	1				
6:00 PM	7:50 PM	T	MUP 142 01	MUP 142 01	LAB	2.00	3	2.00	5	10	15%
6:00 PM	7:50 PM	T	MUP 142 02	MUP 142 02	LAB	2.00	2				
7:00 PM	8:50 PM	M	MUP 121 02	MUP 121 02	LAB	2.00	1	2.00	1	2	3%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 112

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>12</b>	Weekly Student Contact Hours:	<b>123</b>
Hours in Use Student Station Occupancy:	<b>42%</b>	Average Enrollment:	<b>10</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>25</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
3:30 PM	4:50 PM	TR	BI 149 31 BI 149 31	LAB	3.00	4	3.00	4	12	16%
6:00 PM	8:50 PM	TR	BI 101 33 BI 101 33	LAB	5.70	11	5.70	11	63	44%
6:00 PM	8:50 PM	W	BI 231 31 BI 231 31	LAB	3.00	16	3.00	16	48	64%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 137A

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>19</b>	Weekly Student Contact Hours:	<b>340</b>
Hours in Use Student Station Occupancy:	<b>46%</b>	Average Enrollment:	<b>21</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>40</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
8:30 AM	9:50 AM	TR	PE 0506 99 PE 0506 99	LAB	3.00	10	3.00	10	30	25%
9:00 AM	1:50 PM	S	BOT 0224 99 BOT 0224 99	LAB	4.80	28	4.80	28	134	70%
9:00 AM	2:50 PM	T	IND 4100 99 IND 4100 99	LAB	5.80	3	5.80	3	17	8%
6:00 PM	8:50 PM	F	BOT 0224 99.1 BOT 0224 99.1	LAB	3.00	28	3.00	28	84	70%
6:00 PM	7:50 PM	R	HE 0591 03 HE 0591 03	LAB	2.00	37	2.00	37	74	93%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

SOUTHWESTERN OREGON CC • CURRY CAMPUS

Scheduled Utilization

Curry Campus • CC1 137B

Space Use Code: Teaching Lab

Department: <b>_ToBeDetermined</b>			
Weekly Room Hours:	<b>3</b>	Weekly Student Contact Hours:	<b>30</b>
Hours in Use Student Station Occupancy:	<b>40%</b>	Average Enrollment:	<b>10</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>25</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION				
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %	
8:30 AM	9:50 AM	TR	PE 0506 99.1	PE 0506 99.1	LAB	3.00	10	3.00	10	30	40%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours



## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 138A

Space Use Code: Teaching Lab

Department: \_ToBeDetermined

Weekly Room Hours: 7

Hours in Use Student

Station Occupancy: 77%

Assignable Sq.Ft. / Station: 0

Weekly Student

Contact Hours: 78

Average Enrollment: 12

Capacity: 15

Assignable Square Feet 0

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
10:00 AM	10:50 AM	TR	PE 0503 98 PE 0503 98	LAB	2.00	8	2.00	8	16	53%
1:00 PM	3:20 PM	MW	ART 131 31 ART 131 31	LAB	4.70	8	4.70	16	62	87%
1:00 PM	2:20 PM	MW	ART 181A 31 ART 181A 31	LAB	3.00	8				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 138B

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>7</b>	Weekly Student Contact Hours:	<b>78</b>
Hours in Use Student Station Occupancy:	<b>77%</b>	Average Enrollment:	<b>12</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>15</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

Start Time	End Time	Days	Course	COURSE			SECTION			
				TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
10:00 AM	10:50 AM	TR	PE 0503 98.1 PE 0503 98.1	LAB	2.00	8	2.00	8	16	53%
1:00 PM	3:20 PM	MW	ART 131 31.1 ART 131 31.1	LAB	4.70	8	4.70	16	62	87%
1:00 PM	2:20 PM	MW	ART 181A 31.1 ART 181A 31.1	LAB	3.00	8				

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours

## SOUTHWESTERN OREGON CC • CURRY CAMPUS

## Scheduled Utilization

## Curry Campus • CC1 210

**Space Use Code:** Teaching LabDepartment: **\_ToBeDetermined**

Weekly Room Hours:	<b>3</b>	Weekly Student	
Hours in Use Student		Contact Hours:	<b>15</b>
Station Occupancy:	<b>63%</b>	Average Enrollment:	<b>5</b>
Assignable Sq.Ft. / Station:	<b>0</b>	Capacity:	<b>8</b>
		Assignable Square Feet	<b>0</b>

	MON	TUE	WED	THU	FRI
8:00 AM					
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					

Graph represents most popular start times and each block does not represent the same amount of time.

					COURSE			SECTION			
Start Time	End Time	Days	Course		TYPE	WRH	Enroll-ment	WRH	Enroll-ment	WSCH	Student Station Occupancy %
1:00 PM	3:50 PM	W	NRS 222 31.1	NRS 222 31.1	LAB	3.00	5	3.00	5	15	63%

NOTE: Concurrent sessions are counted as one section; WRH = Weekly Room Hours; WSCH = Weekly Student Contact Hours





# **Facilities Condition Assessment**



# Facility Condition Assessment

## Executive Summary

August 11, 2017



**Alpha**<sup>™</sup>  
Facilities Solutions

in partnership with

**DUDE SOLUTIONS**<sup>®</sup>  
SchoolDude | FacilityDude | TheWorxHub





# NOMENCLATURE

**ACBM:** Asbestos-containing Building Material

**ADA:** Americans with Disabilities Act

**AHERA:** Asbestos Hazard Emergency Response Act

**ALPHA:** ALPHA Facilities Solutions, LLC

**Alterations:** Work performed to change the interior arrangements or other physical characteristics of an existing facility or fixed equipment so that it can be used more effectively for its current designated purpose or adapted to a new use.

**ASHRAE:** American Society of Heating, Refrigerating and Air Conditioning Engineers

**ASTM:** American Society for Testing and Materials

**BOMA:** Building Owners and Managers Association

**Budgeting:** A system by which a prior period's estimate of income and expenditure is adjusted to account for operational realities in order to provide for the cost of maintaining facilities. Traditional budgeting issues may include anticipated needs, organizational growth, the acquisition of new assets, operations and maintenance, deferred maintenance and insurance.

**Building:** An enclosed and roofed structure that can be traversed without exiting to the exterior.

**Building Addition:** An area, space or component of a building added to the existing structure, after the original building's year built date.

**Capital Renewal:** The planned replacement of building subsystems such as roofs, electrical systems, HVAC systems, and plumbing systems that have reached the end of their useful lives. Without significant reinvestment in building subsystems, older facilities will fall into a state of deteriorating condition and functionality, and the repair and maintenance costs will increase (International Facilities Management Association)

**Calculated Next Renewal:** The year a system or element would be expected to expire, based solely on the date it was installed and the expected service life of the system.

**Condition:** Condition refers to the state of physical fitness or readiness of a facility, system or systemic element for its intended use.

**Cost Model:** Parametric equations used to quantify the condition of building systems and estimate the cost necessary to sustain a facility over a given set of reporting periods. These estimated costs can be presented over a timeline to represent a capital renewal schedule.

**Current Replacement Value (CRV):** CRV is a standard industry cost estimate of materials, supplies and labor required to replace facility at existing size and functional capability. Please note that the terms Plant Replacement Value and Current Replacement Value have the same meaning in the context of determining Facility Condition Index.

**Deficiency:** A deficiency describes a condition in which there exists the need to repair a building system or component that is damaged, missing, inadequate or insufficient for an intended purpose.

**Element:** Elements are the major components that comprise building systems.

**Facility:** A facility refers to site(s), building(s), or building addition(s) or combinations thereof that provide a particular service or support of an educational purpose.

**Facility Condition Assessment (FCA):** The process of performing a physical evaluation of the condition of a facility and its systems. The findings of this analysis may be used in conjunction with cost models to estimate the current and future funding streams necessary to maintain a real estate portfolio.

**Facility Condition Index (FCI):** FCI is an industry-standard measurement of a facility's condition that is the ratio of the cost to correct a facility's deficiencies to the Current Replacement Value of the facilities - the lower the FCI, the better the condition of the facility. After an FCI is established for all buildings within a portfolio, a building's condition can be ranked relative to other buildings. The FCI may also represent the condition of a portfolio based on the cumulative FCIs of the portfolio's facilities.

**Gross Square Feet (GSF):** The size of the enclosed floor space of a building in square feet, measured to the outside face of the enclosing walls.

**Hard Costs:** Direct costs incurred in relation to a specific construction project. Hard costs may include labor, materials, equipment, etc.

**Heating, Ventilation and Air Conditioning (HVAC):** A term used to describe building systems responsible for maintaining the temperature, humidity and air quality control.

**IFMA:** International Facilities Management Association.

**Indoor Air Quality (IAQ):** A metric used to quantify the air quality within and around buildings and structures, especially as it relates to the health and comfort of building occupants.

**Install Year:** The year a building or system was built or the most recent major renovation date (where a minimum of 70% of the system's Current Replacement Value (CRV) was replaced).

**Inflation:** The trend of increasing prices from one year to the next, representing the rate at which the real value of an investment is eroded and the loss in spending power over time.

**Interest:** The charge for the privilege of borrowing money, typically expressed as an annual percentage rate and commonly calculated using simple or compound interest calculation.

**Life Cycle:** The period of time that a building, system or element can be expected to adequately serve its intended function.

**Maintenance:** Work necessary to realize the originally anticipated life of a fixed asset, including buildings, fixed equipment and infrastructure. Maintenance is preventative, whereas repairs are curative.

**Mechanical, Electrical and Plumbing (MEP):** A term used to describe building systems related to the provision of HVAC, electric and plumbing services to a facility.

**Needs:** In the context of this report, needs are the backlog of capital renewal requirements.

**Next Renewal:** The assessor adjusted expected useful life of a system or element as a result of on-site inspection.

**Nominal Value:** A value expressed in monetary terms for a specific year or years, without adjusting for inflation - also known as face value or par value.

**Operations:** Activities related to normal performance of the functions for which a building is used (e.g., utilities, janitorial services, waste treatment).

**O&M:** Operations and Maintenance

**Parametric Cost Modeling:** Parametric statistics is a branch of statistics that assumes that the data has come from a type of probability distribution and makes inferences about the parameters of the distribution.

**Plant Replacement Value (PRV):** PRV represents the cost to design and construct a notional facility to current standards to replace an existing facility at the same location. Please note that the terms Plant Replacement Value (PRV) and Current Replacement Value (CRV) have the same meaning in the context of determining Facility Condition Index (FCI).

**Present Value (PV):** The current worth of a future sum of money or stream of cash flows given a specified rate of return. Future cash flows are discounted at a client specified discount rate.

**Real Interest Rate:** A net interest rate adjusted to remove the effects of inflation. It is the amount by which the nominal interest rate is higher than the inflation rate.

**Repairs:** Work to restore damaged or worn-out facilities to normal operating condition. Repairs are curative, whereas maintenance is preventative.

**Replacements:** An exchange of one fixed asset for another that has the same capacity to perform the same function. In contrast to repair, replacement generally involves a complete identifiable item of reinvestment (e.g., a major building component or subsystem).

**Return on Investment (ROI):** ROI is a financial indicator used to evaluate the performance of an investment and as a means to compare benefit.

**Rough Order of Magnitude (ROM):** ROM cost estimates are the most basic of cost estimate classifications.

**RSMeans:** An independent third party provider of building industry construction cost data.

**Site:** A facility's grounds and its utilities, roadways, landscaping, fencing and other typical land improvements needed to support the facility.

**Soft Costs:** Indirect costs incurred in addition to the direct construction cost. Soft costs may include professional services, financing, taxes, etc.

**System:** System refers to building and related site work elements as described by ASTM Uniformalt II, Classification for Building Elements (E1557-97), a format for classifying major facility elements common to most buildings. Elements usually perform a given function, regardless of the design specification, construction method or materials used. See also, "Uniformalt II".

**Uniformalt II:** Uniformalt II (commonly referred to simply as Uniformalt), is ASTM Uniformalt II, Classification for Building Elements (E1557-97) – A methodology for classifying major facility components common to most buildings.

**Year Built:** The year that a building or addition was originally built, based on substantial completion or occupancy.

# Southwest Oregon Community College

## Facility Condition Assessment

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# Introduction

The Southwestern Oregon Community College entered into a contract with Dude Solutions whom is partnered with ALPHA Facilities Solutions, LLC (ALPHA) to provide facility condition assessment and implementation services for *CapitalForecast* (CF), SchoolDude's Cloud-based capital planning solution used to forecast facility needs and justify funding requirements. The project was completed by a team consisting of engineers, architects, and construction professionals. Data collected during the Facility Condition Assessment phase of the project was input into CF in order to estimate current and future funding requirements for facility sustainment. This predictive approach to asset management is known as Capital Planning and is used to anticipate funding and maintenance needs many years into the future.

The scope of work included the following:

1. Identify and document current and forecasted conditions of approximately 300,000 square feet of facilities.
2. Identify and document current site infrastructure needs.
3. Identify and document remaining service life of major building systems to include envelope; architectural finishes; roofs; electrical; plumbing; and heating, ventilation, and air conditioning (HVAC).
4. Provide Rough Order of Magnitude (ROM) cost estimates for building system renewal and site infrastructure repairs.
5. Forecast facility renewal requirements based on lifecycle analysis of existing systems over the span of the next 20 years for each facility.
6. Provide a Facility Condition Index (FCI) measurement to illustrate the relative condition of all facilities.
7. Input the following information into the CF software:
  - Facility condition information
  - Current site infrastructure needs

## Acknowledgement

Finally, the ALPHA Team would like to take this opportunity to thank the Southwestern Oregon Community College for allowing ALPHA to help the Campus achieve its goals. We would also like to thank Emerald Brunett, Maintenance Director, and Robert Thompson with the maintenance staff for investing a substantial amount of their valuable time to work with us on this project; their knowledge of the facilities is superb and their contribution was invaluable.

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# Approach

## Facility Condition Assessment Approach

*CapitalForecast* (CF) was used to document facility conditions, to determine current requirements, and to forecast future requirements for facilities within the Southwestern Oregon Community College. Parametric cost models contained within CF were assigned to most buildings while cost models were modified in instances where an appropriate cost model did not exist. New cost models developed by the ALPHA Team are also contained within CF. System and component life cycles used within the cost models are based on average service life as shown in the *Preventive Maintenance Guidebook: Best Practices to Maintain Efficient and Sustainable Buildings* published by Building Owners and Managers Association (BOMA) International. When life cycle information is not provided by BOMA, we used our experience and professional judgment to suggest appropriate average service life for those components and systems. Unit costs, which are used to calculate renewal requirements, are also built in to the cost models. Life cycles and unit costs have been adjusted on a location-specific basis as appropriate or as requested by Campus personnel.

Although there are many factors that are important to obtain a successful outcome for a facility condition assessment, three provide the foundation for establishing a reliable cost model for each building. Those three factors are related to the following basic building information:

- Gross area
- Date built
- Building/location name

The gross area of a building, also known as gross square footage (GSF), is one of the basic building blocks for determining current replacement value (CRV) and generating system renewal costs, which are major components of a parametric-based effort. The date built for each facility provides the basis for establishing life cycles for many, and in some cases, all major building systems. Finally, although not critical to the outcome of the project, agreeing upon a building/location naming convention that is meaningful to all stakeholders enhances the usefulness and readability of the facility condition assessment report. Please note that GSF for each building was provided by the Campus and generally was not validated as part of this project. Locations, names, dates built, and GSF data contained in this report are in Southwestern Oregon Community College *CapitalForecast* Account.

In order to determine basic building information, the ALPHA Team met with designated personnel to discuss building-specific information such as building construction/renovation programs and building naming conventions. Scaled floor and site plans were generally not available, so square footages associated with additions and site features were obtained from a combination of sources to include Campus records, satellite imagery, and professional judgment.

It is worth noting that, although most concealed systems may appear to be functional, the risk of failure increases with time when they have exceeded the average service life as predicted by BOMA. Consequently, this effort assumes that replacement of concealed systems that have exceeded the average service life as predicted by BOMA is appropriate. Based on the availability of resources and the tolerance for risk or potential out-of-service conditions, Campus representatives may elect to defer immediate replacement of concealed systems that have exceeded average service life as appropriate.

Current site infrastructure requirements are also documented within CF. Whereas building conditions are documented with cost models that generate current and future requirements, site infrastructure requirements are based on a combination of estimated quantities and pricing using RSMeans.

# Prioritization of Needs

Finally, all needs contained within CF have been assigned a default priority based on importance to mission performance. Therefore, systems whose failure might render a building not suitable for occupancy have been ranked with a higher priority than those systems that have minimal or no impact on a facility's suitability for occupancy. For example, replacement of an HVAC system might take priority over replacement of flooring. The priority for a specific need can be changed if required and priorities can be further refined if desired by assignment of scores of one through 99. Although additional priorities are available within CF, priorities used for this project are:

- High
- Medium
- Low

Needs contained within CF have been ranked in terms of urgency in order to aid in the prioritization for allocation of funds. The priorities of applicable systems for this project are as follows:

## High:

- Electrical Branch Wiring
- Electrical Service & Distribution
- Electrical Emergency Lighting
- Fire – Sprinklers & Standpipe
- HVAC – Heat Generating Systems
- Fire – Alarm & Detection
- Roofing
- Electrical - Other Electrical Services

## Medium:

- Conveying Systems
- Electrical Lighting
- Electrical Fiber & LAN Services
- Exterior Doors
- Exterior Walls Framing
- Exterior Windows
- HVAC - Controls & Instrumentation
- HVAC - Cooling Generating Systems
- HVAC – Distribution Systems
- HVAC – Energy Supply
- HVAC – Terminal Package Units
- Interior Doors
- Domestic Water Distribution
- Plumbing fixtures
- Rain Water Drainage
- Sanitary Waste

## Low:

- Basement Construction
- Equip & Furnishings – Institutional Equipment
- Equip & Furnishings – Other Equipment
- Exterior Wall Finishes
- Interior Construction – Partitions & Stairs
- Interior Ceilings Finishes
- Interior Floor Finishes
- Interior Wall Finishes
- Foundations
- Site Infrastructure
- Interior Construction – Specialties

# Building Performance Metrics

As part of the FCA process, a facility condition index (FCI) was calculated for each facility. The FCI is used to quantify a facility's physical condition at a specific point in time and is calculated using the expired system replacement costs (costs associated with systems that are beyond average service life) and the current replacement value (CRV) of the building. Expired system replacement costs consist of work that is necessary to restore the facility to a condition equivalent to its original (like new) state.

The FCI can be helpful in several ways to include:

- Comparing the condition of one facility to a group of facilities
- Tracking trends (the extent of improvement or deterioration over time)
- Prioritizing capital improvement projects
- Making renovation versus replacement decisions

It should be noted that the FCI is commonly calculated as shown in the example below.

*Example 1:* Total expired system replacement costs (Requirements) = \$3,000,000

Current Replacement Value (CRV) = \$10,000,000

$$FCI = \frac{\$3,000,000}{\$10,000,000} = .30$$



It is important to note there is no recognized standard for what constitutes an acceptable or unacceptable FCI. For example, the International Facility Management Association (IFMA) indicates that building condition is often defined in terms of the FCI as follows:

1. Good – 0% to 5%,
2. Fair – 5% to 10%,
3. Poor – 10% to 30%
4. Critical – greater than 30%

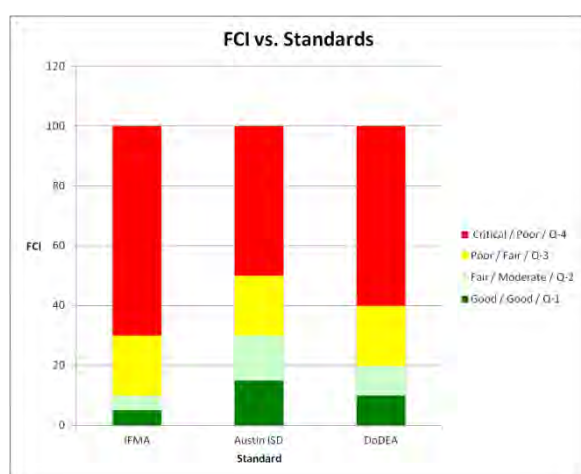


Finally, the Department of Defense Education Activity (DoDEA) has established the following condition standards for schools administered by the Department of Defense using the following rating bands:

1. Quality Rating (Q) 1 – 100% to 90%,
2. Q2 – Between 89% to 80%,
3. Q3 – Between 79% to 60%, and
4. Q4 – Between 59% to 0%

Please note that FCIs referenced above have been calculated using inverse of Example 1. DoDEA has set a goal that all Department of Defense Schools should be at Q1 or Q2 condition standard by the end of FY2019.

Figure 1 below is a graphic representation of the three FCI standards illustrated above. Please note that data has been adjusted as appropriate to the methodology shown in Example 1 for comparison purposes. To summarize; there is no universally accepted set of FCI standards. Consequently, it is up to the Southwestern Oregon Community College to decide what standards are appropriate for the Campus.



### The Renovate Versus Replacement Question

A question that often arises is at what point does it make sense to replace a facility rather than to renovate it? Again, there is no industry standard, but conventional thinking is that replacement of a facility should be seriously considered when the FCI falls below 50% (using the methodology shown in Example 1). However, the FCI is not the only consideration when making renovation versus replacement decisions. One consideration that should be taken into account is whether a facility is functionally adequate for the intended use. Another consideration revolves around the magnitude of needed renovations. For example, when cost of renovation reaches or exceeds 50% of the replacement cost of the

facility, requirements to meet Americans with Disabilities Act (ADA), Life Safety and possibly other codes may be triggered. When the requirement to meet current building codes or civil rights statutes, such as those mentioned above are triggered, additional costs will be incurred. Although it is not possible to predict what the additional costs will be until project requirements are identified and cost estimates are prepared, it has been our experience that additional cost can be expected to range from 5% to 20% depending upon the age of the facility.

### Categorization of Costs

At this point, it is appropriate to review the different types of costs associated with facility renovation and construction and how they apply to this project. According to the American Institute of Architects (AIA), facility capital costs are normally subdivided into three major categories – site costs, hard costs, and soft costs. Site costs are normally associated with the owner's initial land acquisition and development costs for a project and are not a consideration in the context of this project. Hard costs are associated with direct construction costs while soft costs can be defined as any indirect costs incurred in addition to the direct construction costs. Soft costs include a variety of costs such as design fees, legal fees, taxes, insurance, owner's administration costs, and financing costs. Cost data produced by the parametric cost models within CF includes hard costs including consideration of renewal costs, which accounts for the additional cost associated with replacing an existing building system versus constructing the system in a new facility. Cost information within this report does not include soft costs.

It is important to remember that cost models are intended to produce rough order of magnitude (ROM) costs for purposes of developing a baseline from which to establish an FCI for each facility and to facilitate capital planning. It is not unusual for those new to the parametric cost estimating/life cycle analysis process to have expectations that are not completely in alignment with what the process is intended to yield. For example, the parametric cost estimating/life cycle analysis process generates ROM budgeting-level costs while costs that are more detailed are derived during formal preliminary design and final design cost estimating processes.

As a point of interest, *APPA: Leadership in Educational Facilities* published a paper citing research conducted by the *Building Research Board of the National Research Council* indicating, “Underfunding of maintenance and repair is a widespread and persistent problem.” The council concluded, “That an appropriate total budget allocation for routine maintenance and capital renewal is in the range of two to four percent of the aggregate current replacement value (CRV) of those facilities (excluding major infrastructure). When a backlog of deferred maintenance has been allowed to accumulate, spending must exceed this minimum level until the backlog has been eliminated.”

### **Facility Condition Assessment**

Facility-related data contained in this report was developed at the building level, which in turn, was rolled up at the Campus level. Likewise, site infrastructure requirements were rolled up at the Campus level. All data was then rolled up to provide an aggregate view of the Campus’s facilities.

This report includes the following content, which is found at the Campus level within the Executive Summary:

- Facility Description: Summary of Findings
- Current Needs (2017)
- Forecasted Needs (2022)
- Current and Forecasted Needs: Summarized by Reporting Period
- Current and Forecasted Needs: Summarized by System
- Need Priorities (High – Medium – Low)

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# Site Infrastructure and Utilities Assessment

A site infrastructure and utilities condition assessment was included in the scope of work for this project. The site infrastructure and utilities assessment is a visual evaluation of the site systems. The teams walked each site to determine the general condition of the systems and categorized them as follows:

- Good condition
- Poor condition and in need of repair
- Poor condition and in need of replacement

Estimated quantities were calculated by digitizing marked-up Google Earth aerial photographs. Google Earth Aerial photographs were used in lieu of site plans. The site assessment was performed and the subsequent results grouped by location. Findings for each location were divided as follows:

- Roadways
- Parking Lots
- Pedestrian Paving
- Site Development
- Storm Sewer

Please note that not all locations have all of the various infrastructure systems present. We determined unit pricing for the various deficiency requirements by referencing 2016 RS Means Building Construction Cost Data and Assembly Cost Data when available; industry sources were used as a supplemental source for unit pricing when needed.

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# Overview of Findings

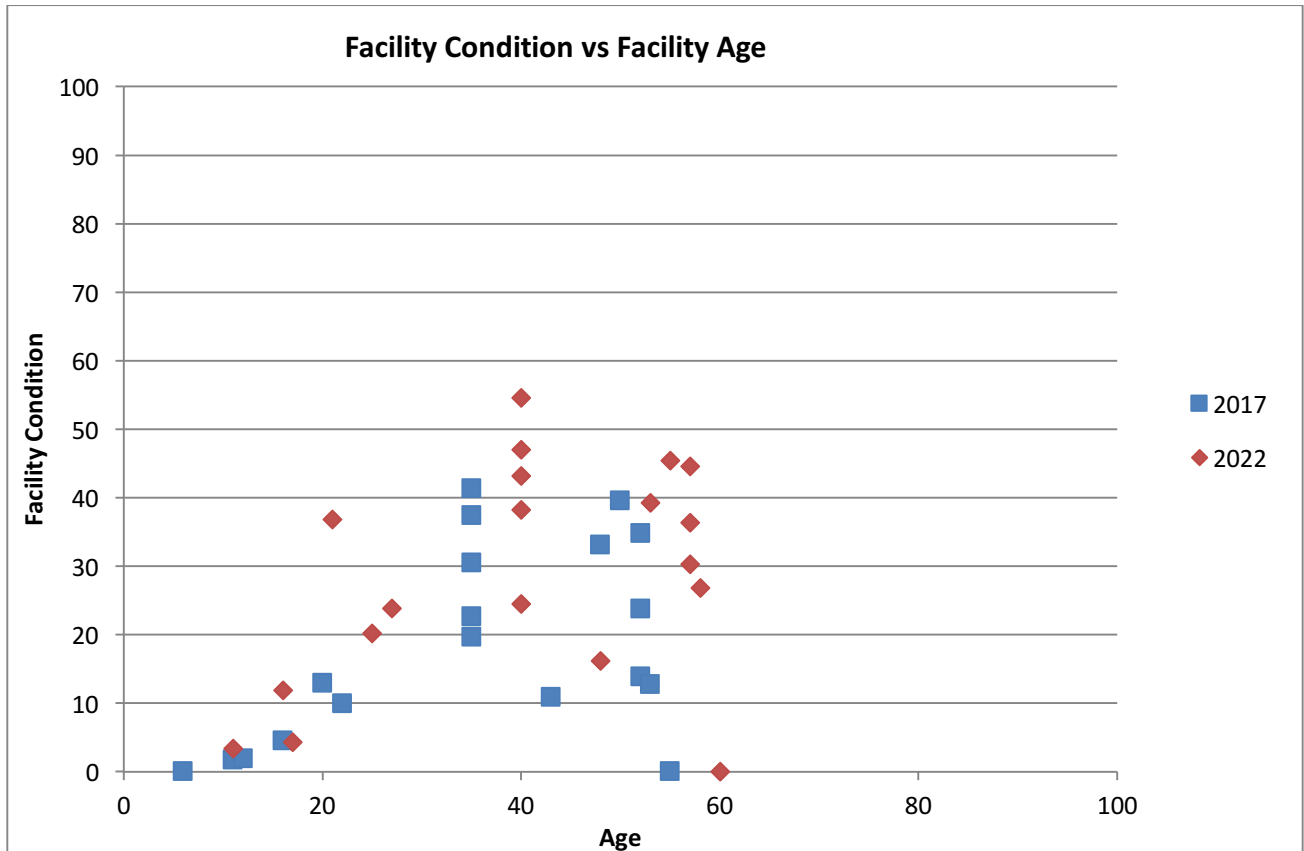
The Facility Condition Assessment and CapitalForecast implementation project included 18 permanent facilities totaling approximately 300,000 square feet. The average FCI for the facilities assessed is 20% while the average FCI in five years is estimated to be 29% assuming current facility sustainment funding levels. The assessment team made the following general observations:

1. Routine maintenance activities appear to be being conducted in an effective manner. Several upgrades to the HVAC and electrical systems were performed in the last 10 years and most systems are in good working order. A few individual pieces of equipment will need to be closely monitored due to the fact that they are beyond their expected useful life.
2. Many mechanical rooms are being used for storage of furniture and other miscellaneous items, and in some cases, blocking access to HVAC and electrical equipment.
3. Federal Pacific panels are obsolete and have a history of faulty breakers resulting in an over current and fire hazard.
4. Some lighting upgrades were performed but most of the building use outdated fluorescent light fixtures.
5. The fire protection systems were all current on their inspections, although a couple of the alarm panels were approaching the end of their useful life and should be considered for replacement due to life safety concerns.
6. Too often, exhaust fans are ignored until malfunction occurs. Residues can build up and cause the system to slow down. Slowdown may be a gradual process, not noticeable at first. This can be serious and result in illness and even liability issues.
7. Some of the bigger air handling units have reached the end of their useful life, and while they are still functional, their replacement should be scheduled to avoid major failure that can affect the building's performance.
8. Most of the flooring and ceiling systems were in overall fair condition, however in many locations, floor coverings and ceiling finishes were in poor condition and should be replaced. Flooring system life cycles may vary from BOMA' standard of 12 years due to the high volume of pedestrian traffic in college facilities.
9. The roofing systems were generally in good condition throughout the college; however, there were a few roofs that were observed or reported to be leaking or had organic growth, some had some roof drains clogged. These locations should be addressed immediately before more systems are affected as a result of leaking roofs.
10. Emergency exit signs were observed and working as intended.
11. Trip hazards were observed at a few locations where concrete sidewalks are separating and heaving at the expansion joints.
12. Deteriorating handrails were observed at a few locations. Routine maintenance of re-painting will extend their overall life.
13. Asphalt pavements were generally in poor to fair condition. Pavements are showing signs of damage. Resurfacing and a more extensive seal coating program will extend useful life of pavements and reduce the necessity of reconstruction.

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The information shown in Figure 1 below is a graphic representation of the condition of District facilities in relation to their age. The scatter chart shows the current condition and age for each facility with a blue diamond and the forecasted condition in five years with a red square. Please note the forecasted condition assumes no additional capital renewal funding is provided. Also, facilities with the same age and condition are represented by the same point on the chart.

Figure 1: Facility Condition vs. Facility Age





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Table below summarizes findings by site. Please note the second column labeled “Age (Years)” indicates the age range of facilities located at each site and the column labeled “Total Needs 2022” assumes no additional capital renewal funding is provided. In addition, the Warehouse Storage Facility is included in the District Office group.

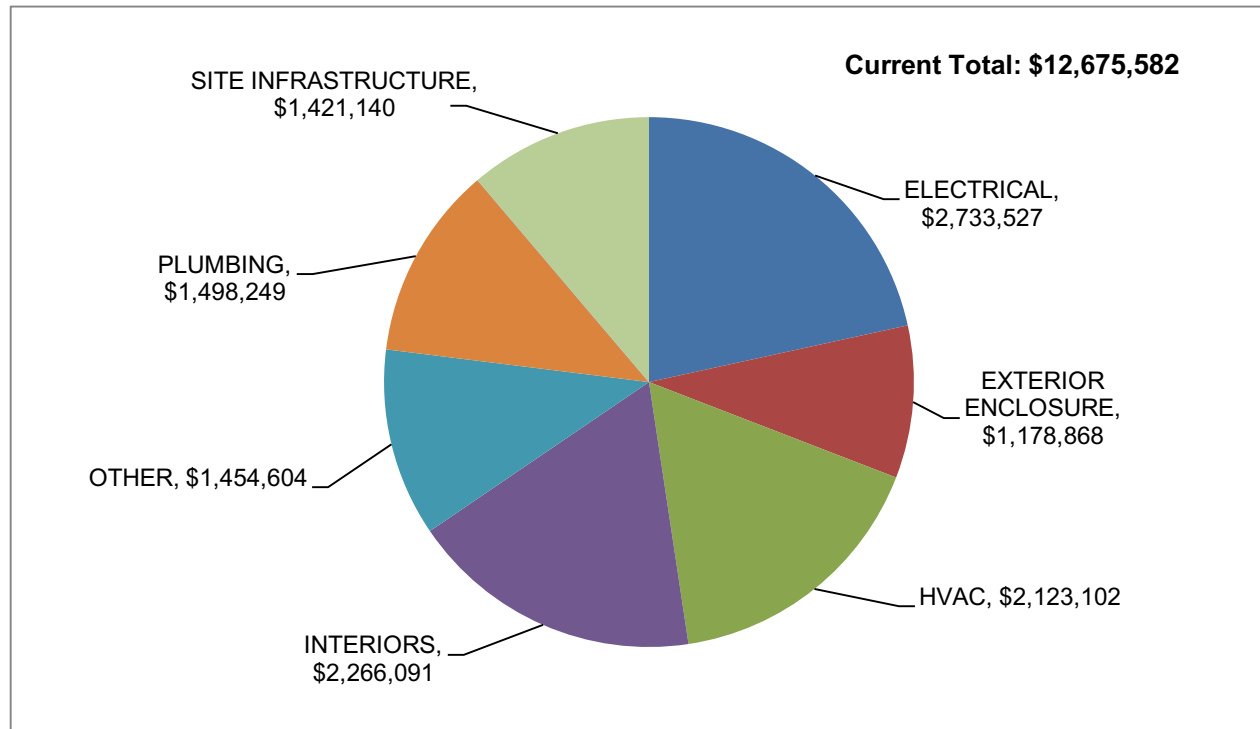
**Table 1: Facility Description: Summary of Findings – Southwest Oregon Community College**

Campus Name	Age (Yrs)	Area (SF)	Total Needs 2017	Current Replacement Value	2017 FCI %	Total Needs 2022	2022 FCI %
Coos Campus	11 - 55	267,752	\$11,254,442	\$55,204,999	20	\$17,206,213	31
Curry Campus	6	24,920	\$0	\$4,911,672	0	\$164,767	3
Site Infrastructure			\$1,421,140			\$1,421,140	
TOTAL:			\$12,675,582	\$60,116,671		\$18,792,120	

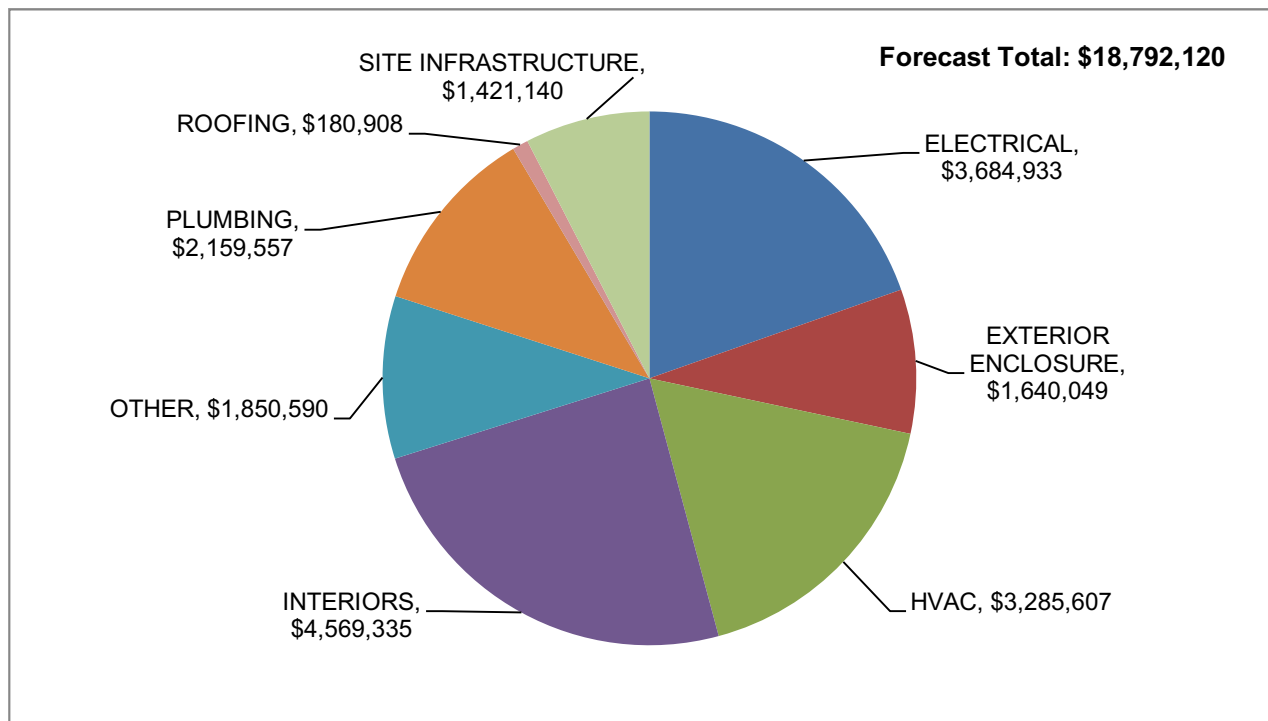
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Figures below show the current and forecasted needs respectively for all Campus facilities grouped by system.

**Figure 2: Current Needs: Southwest Oregon Community College**



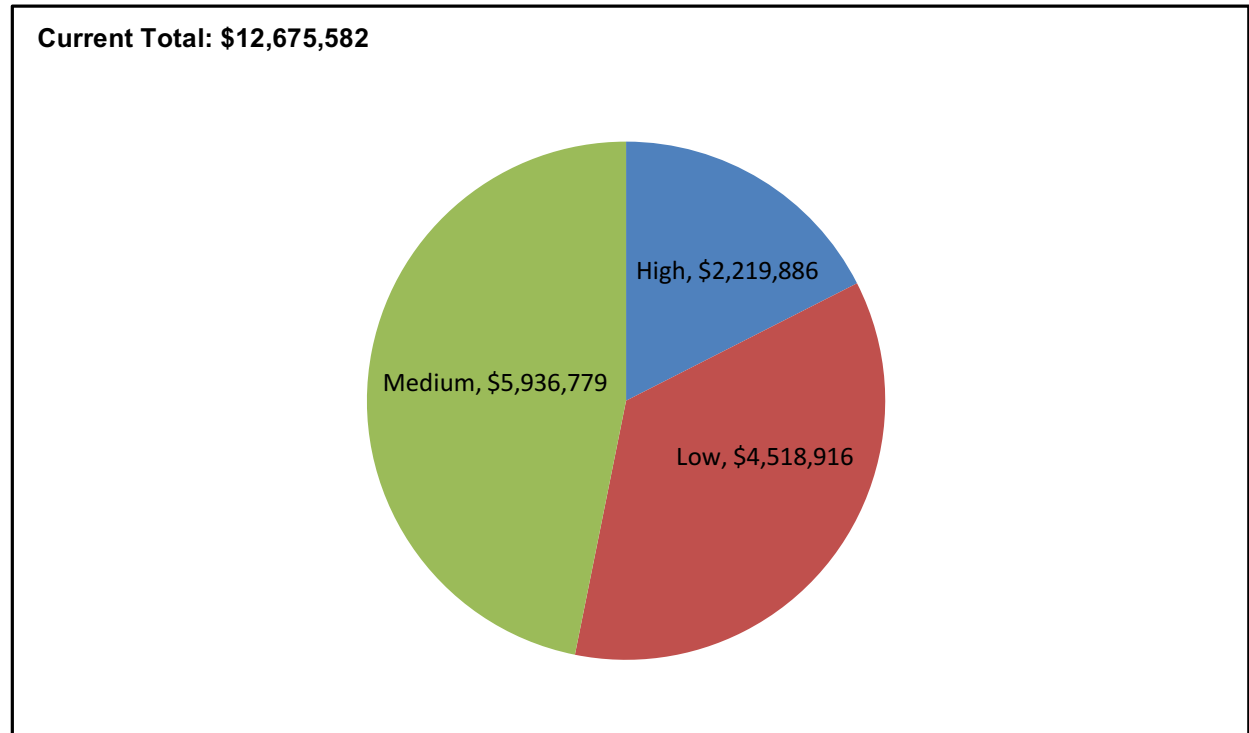
**Figure 3: Forecasted Needs – 2022: Southwest Oregon Community College**



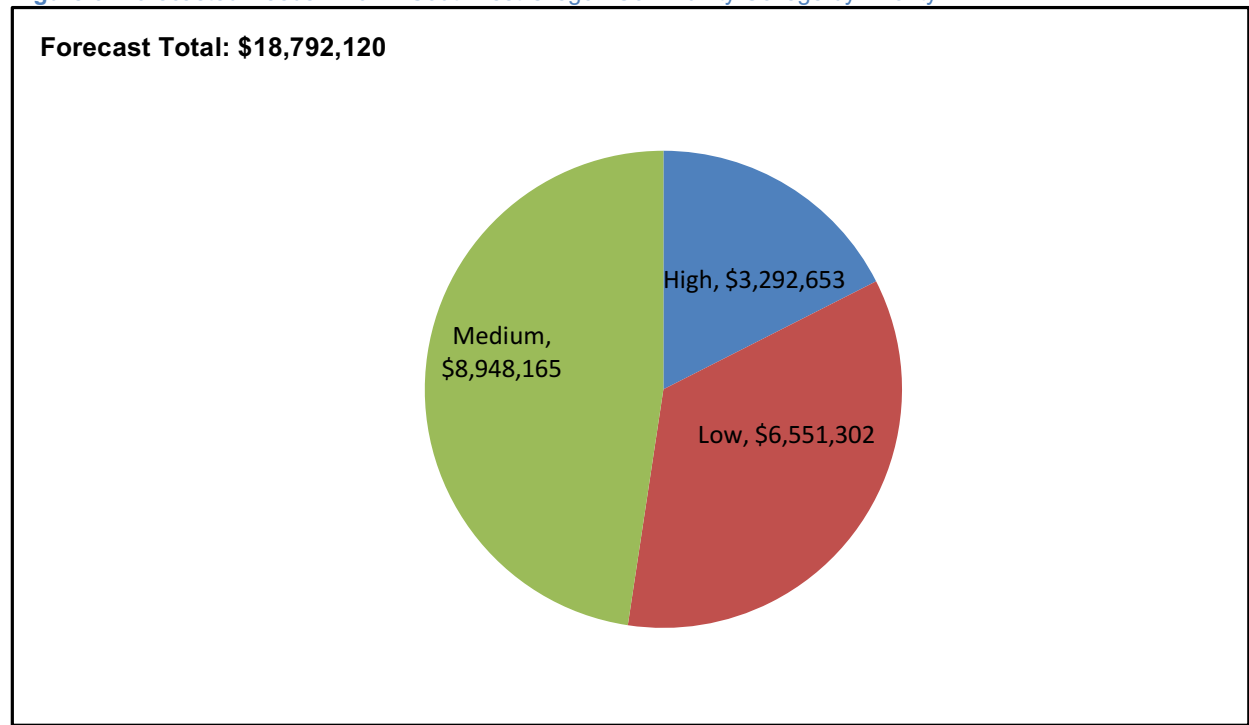
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Figures below show the current and forecasted needs respectively for all Campus facilities grouped by priority.

**Figure 4: Current Needs: Southwest Oregon Community College by Priority**



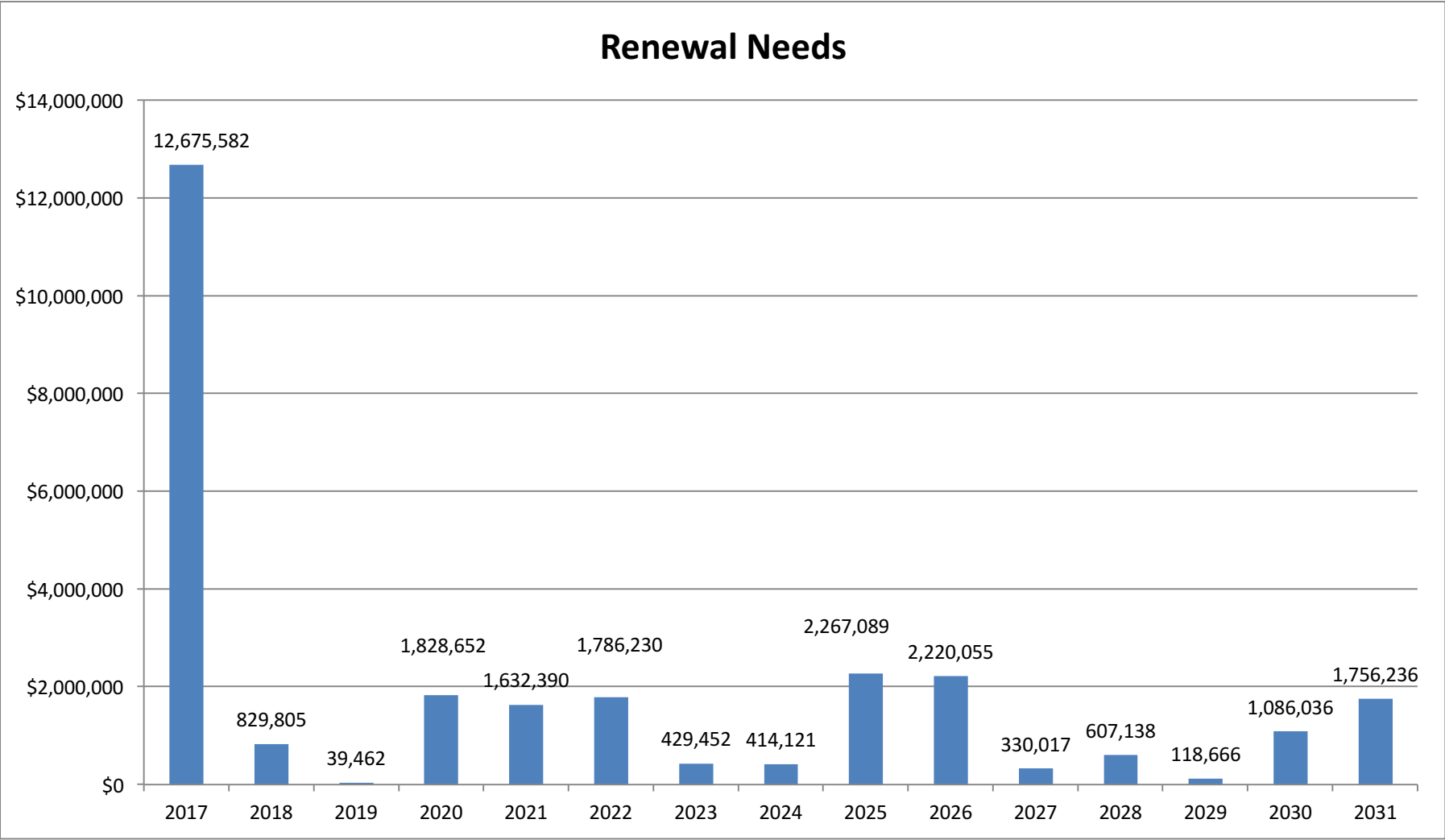
**Figure 5: Forecasted Needs – 2022: Southwest Oregon Community College by Priority**



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The figure below shows the current capital renewal backlog and projected facility sustainment requirements over the next 15 years for all Campus facilities. Please note the renewal forecast does not include potential costs associated with seismic evaluation; seismic retrofitting; hazardous material inspection, evaluation, and mitigation, including asbestos abatement; and NFPA 101 and ADA upgrades. The renewal forecast is shown below:

Figure 6: Forecasted Needs Summarized by Reporting Period: Southwest Oregon Community College





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The following table shows the total requirements for expired systems and those expected to be expired between now and the Year 2037.

Table 2: Forecasted Needs Summarized by System: Southwest Oregon Community College

System	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Total:	\$12,675,582	\$829,805	\$39,462	\$1,828,652	\$1,632,390	\$1,786,230	\$429,452	\$414,121	\$2,267,089	\$2,220,055	\$330,017	\$607,138	\$118,666	\$1,086,036	\$1,756,236	\$370,641	\$135,066	\$0	\$1,175,143	\$2,628,713	\$178,873
Exterior Enclosure	\$1,178,868	\$8,188	\$27,091	\$174,133	\$120,368	\$131,401	\$0	\$6,154	\$61,684	\$199,606	\$49,114	\$0	\$0	\$103,224	\$72,030	\$40,915	\$2,712	\$0	\$0	\$150,193	\$0
Exterior Walls (Finishes)	\$789,994	\$0	\$0	\$0	\$73,753	\$0	\$0	\$0	\$0	\$0	\$41,556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$321,475	\$0	\$0	\$146,342	\$0	\$116,977	\$0	\$0	\$38,126	\$156,172	\$0	\$0	\$0	\$103,224	\$66,640	\$30,135	\$2,712	\$0	\$0	\$150,193	\$0
Exterior Doors	\$67,399	\$8,188	\$27,091	\$22,402	\$41,225	\$14,424	\$0	\$6,154	\$23,557	\$38,044	\$7,559	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$5,390	\$5,390	\$0	\$0	\$0	\$0	\$5,390	\$0	\$0	\$0	\$0	\$5,390	\$10,780	\$0	\$0	\$0	\$0	\$0
Roofing	\$0	\$0	\$0	\$0	\$180,908	\$0	\$27,658	\$0	\$239,752	\$228,028	\$0	\$501,060	\$0	\$91,981	\$10,291	\$0	\$0	\$0	\$155,421	\$35,853	\$0
Roof Coverings	\$0	\$0	\$0	\$0	\$180,908	\$0	\$27,658	\$0	\$239,752	\$228,028	\$0	\$501,060	\$0	\$91,981	\$10,291	\$0	\$0	\$0	\$155,421	\$35,853	\$0
Interior Construction	\$643,360	\$0	\$0	\$278,698	\$52,920	\$246,628	\$155,896	\$7,056	\$92,654	\$90,886	\$0	\$0	\$0	\$171,892	\$120,168	\$91,953	\$7,788	\$0	\$0	\$215,643	\$77,770
Interior Doors	\$207,013	\$0	\$0	\$161,303	\$0	\$180,683	\$155,896	\$0	\$64,430	\$61,735	\$0	\$0	\$0	\$86,534	\$101,675	\$33,569	\$7,788	\$0	\$0	\$215,643	\$0
Specialties	\$394,010	\$0	\$0	\$76,822	\$0	\$4,205	\$0	\$0	\$0	\$20,331	\$0	\$0	\$0	\$85,358	\$18,493	\$58,385	\$0	\$0	\$0	\$0	\$77,770
Toilet Partitions	\$42,336	\$0	\$0	\$40,572	\$52,920	\$61,740	\$0	\$7,056	\$28,224	\$8,820	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interiors	\$1,622,731	\$419,998	\$12,372	\$520,972	\$158,590	\$613,068	\$210,577	\$400,911	\$97,706	\$189,974	\$44,813	\$106,078	\$118,666	\$0	\$175,871	\$0	\$0	\$0	\$137,189	\$0	\$44,661
Ceiling Finishes	\$894,490	\$100,051	\$0	\$223,980	\$88,744	\$149,295	\$37,917	\$0	\$97,706	\$68,194	\$44,813	\$8,794	\$0	\$0	\$175,871	\$0	\$0	\$0	\$137,189	\$0	\$44,661
Floor Finishes	\$347,814	\$319,947	\$0	\$94,041	\$0	\$272,617	\$172,661	\$400,911	\$0	\$121,780	\$0	\$97,284	\$118,666	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$380,428	\$0	\$12,372	\$202,950	\$69,846	\$191,156	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Conveying	\$170,618	\$0	\$0	\$56,840	\$0	\$0	\$21,560	\$0	\$0	\$0	\$0	\$0	\$0	\$56,840	\$0	\$0	\$0	\$0	\$0	\$56,840	\$0
Conveying Systems	\$170,618	\$0	\$0	\$56,840	\$0	\$0	\$21,560	\$0	\$0	\$0	\$0	\$0	\$0	\$56,840	\$0	\$0	\$0	\$0	\$0	\$56,840	\$0
Plumbing	\$1,498,249	\$0	\$0	\$448,255	\$0	\$213,052	\$0	\$0	\$687,656	\$0	\$194,837	\$0	\$0	\$477,194	\$341,090	\$0	\$0	\$0	\$513,940	\$893,458	\$44,908
Domestic Water Distribution	\$412,358	\$0	\$0	\$119,396	\$0	\$27,081	\$0	\$0	\$55,591	\$0	\$20,058	\$0	\$0	\$40,542	\$109,406	\$0	\$0	\$0	\$67,809	\$317,083	\$8,554
Plumbing Fixtures	\$269,473	\$0	\$0	\$328,859	\$0	\$0	\$0	\$0	\$449,192	\$0	\$87,390	\$0	\$0	\$214,198	\$115,842	\$0	\$0	\$0	\$223,065	\$288,187	\$36,354
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$816,417	\$0	\$0	\$0	\$0	\$185,971	\$0	\$0	\$182,873	\$0	\$87,390	\$0	\$0	\$222,453	\$115,842	\$0	\$0	\$0	\$223,065	\$288,187	\$0
HVAC	\$2,123,102	\$235,455	\$0	\$136,282	\$739,718	\$51,050	\$0	\$0	\$507,066	\$1,080,004	\$0	\$0	\$0	\$172,325	\$694,698	\$237,772	\$124,566	\$0	\$46,493	\$723,184	\$0
Controls and Instrumentation	\$237,749	\$0	\$0	\$0	\$39,652	\$51,050	\$0	\$0	\$62,270	\$142,938	\$0	\$0	\$0	\$0	\$90,604	\$0	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$0	\$0	\$0	\$60,884	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$124,566	\$0	\$0	\$0	\$0
Distribution System	\$903,285	\$0	\$0	\$0	\$137,201	\$0	\$0	\$0	\$120,856	\$0	\$0	\$0	\$0	\$0	\$278,543	\$0	\$0	\$0	\$46,493	\$723,184	\$0
Terminal & Package Units	\$982,069	\$235,455	\$0	\$136,282	\$501,981	\$0	\$0	\$0	\$323,940	\$937,066	\$0	\$0	\$0	\$172,325	\$325,552	\$237,772	\$0	\$0	\$0	\$0	\$0
Fire Protection	\$1,011,815	\$0	\$0	\$73,012	\$167,596	\$43,930	\$0	\$0	\$294,062	\$106,234	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,154	\$0
Fire Alarms	\$448,003	\$0	\$0	\$73,012	\$167,596	\$0	\$0	\$0	\$294,062	\$106,234	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$563,812	\$0	\$0	\$0	\$0	\$43,930	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,154	\$0
Electrical	\$2,733,527	\$166,164	\$0	\$140,460	\$212,291	\$432,492	\$13,760	\$0	\$286,509	\$325,323	\$41,252	\$0	\$0	\$12,579	\$342,087	\$0	\$0	\$0	\$322,100	\$433,389	\$11,535
Branch Wiring	\$1,136,257	\$0	\$0	\$140,460	\$0	\$141,563	\$0	\$0	\$129,070	\$0	\$41,252	\$0	\$0	\$0	\$86,881	\$0	\$0	\$0	\$241,190	\$300,901	\$0
Lighting	\$1,351,591	\$0	\$0	\$0	\$173,763	\$170,322	\$0	\$0	\$157,438	\$300,901	\$0	\$0	\$0	\$0	\$229,075	\$0	\$0	\$0	\$0	\$132,487	\$0
Service Distribution	\$237,407	\$111,143	\$0	\$0	\$0	\$120,607	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,910	\$0	\$11,535
Other Electrical Services	\$8,271	\$55,021	\$0	\$0	\$38,528	\$0	\$13,760	\$0	\$0	\$24,422	\$0	\$0	\$0	\$12,579	\$26,131	\$0	\$0	\$0	\$0	\$0	\$0
Equipment & Furnishing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Vehicular Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment & Furnishing	\$272,172	\$0	\$0	\$0	\$0	\$54,608	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Institutional Equipment	\$272,172	\$0	\$0	\$0	\$0	\$54,608	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site Infrastructure	\$1,421,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pedestrian Pavements	\$320,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Vehicular Pavements	\$1,101,040	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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## Appendices

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## Appendix A - Typical System Life Cycles

System and component life cycles used in the cost models for this project were based on average service life as shown in the *Preventive Maintenance Guidebook: Best Practices to Maintain Efficient and Sustainable Buildings* published by Building Owners and Managers Association (BOMA) International. When life cycle information is not provided by BOMA, life cycles have been assigned using ALPHA's professional judgment. In some instances, the life cycles were changed at the request of the client.

Table 3: Typical Life Cycles

System	Lifecycle (Years)
<b>Roofing</b>	
Built-up	25
Composition Shingle / Single Ply	20
Metal Panels	25
Modified Bitumen	20
Standing Seam Metal	35
<b>Building Exterior</b>	
Exterior Doors <sup>1</sup>	15
Exterior Walls (Finishes) <sup>1</sup>	10-30
Exterior Windows	30
<b>Interior Finishes</b>	
Interior Doors <sup>1</sup>	25
Ceiling Finishes	20
Walls	5
Floors	12
<b>Built-in Equip/Specialties</b>	
Specialties <sup>1</sup>	25
Toilet Partitions	10
<b>Conveying Systems</b>	
Elevators	35

System	Lifecycle (Years)
<b>Plumbing</b>	
Plumbing Fixtures	30
Sanitary Waste and Water Distribution	30
<b>Fire Protection</b>	
Fire Sprinklers and Standpipe (Piping and Risers)	40
Fire Alarm & Detection	15
<b>HVAC</b>	
Cooling Generating	25
Controls	20
Distribution	30
Heat Generating	30
Terminal and Package Units	15
<b>Electrical</b>	
Branch Wiring	30
Lighting	20
Service and Distribution	40
Generators	20
<b>Equipment</b>	
Institutional Equipment	25
Other Equipment	15-25

<sup>1</sup>BOMA Life cycle information not available

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## Appendix B - Supplemental Information

### Capital Planning v. Budgeting

While traditional budgets may be perceived as reacting to short-term needs based on the historical performance of facilities and systems, a capital plan anticipates both short- and long-term degradation by employing a facility condition assessment and predictive cost modeling.

- **Budgeting:** Traditional, cost-based, budgeting practices describe a system by which a prior period's budget is adjusted to provide for the fluctuating cost of maintaining facilities. Traditional budgeting issues may include: 1) anticipated needs; 2) organizational growth; 3) the acquisition of new assets; 4) operations and maintenance; 5) deferred maintenance; and, 5) insurance.
- **Capital Planning:** Capital planning differs from budgeting in that it considers a broader range of financial considerations over an extended timeline so as to more effectively predict and manage the fiscal needs of a real estate portfolio. Financial considerations may include the cost of capital, depreciation, organizational risk and return on investment (ROI). Similar in concept to the accounting principle of anticipating the capital depreciation of plant value, a capital renewal plan anticipates and attempts to counteract the ongoing deterioration of facility systems and components in order to extend a facility's life and value.

### Present Value and Nominal Value

In the calculation of FCI sums, monetary values can be discounted to incorporate the time value of money, or be expressed in constant terms, ignoring the effects of inflation and interest. Because the cost of capital can vary significantly according to time, portfolio types, and project programs, all monetary terms in this report are expressed as nominal values.

- **Nominal Value:** expresses monetary values, without adjusting for inflation or interest (also known as face value or par value).
- **Present Value:** The current worth of a future sum of money or stream of cash flows given a specified rate of return. Future cash flows can be discounted at a client specified discount rate to reflect the owner's internal cost of capital.



## Hard and Soft Costs

Unless otherwise stated, the costs indicated in this report represent hard costs only. Because soft costs vary regionally and periodically, provisions for soft cost expenses should be considered in addition to the hard costs indicated. For the purpose of this report, Hard and Soft costs are defined as follows:

- **Hard costs:** Direct costs incurred in relation to a specific construction project. Hard cost may include labor, materials, equipment, etc.
- **Soft cost:** Indirect costs incurred in addition to the direct construction cost. Soft costs may include professional services, financing, taxes, etc.

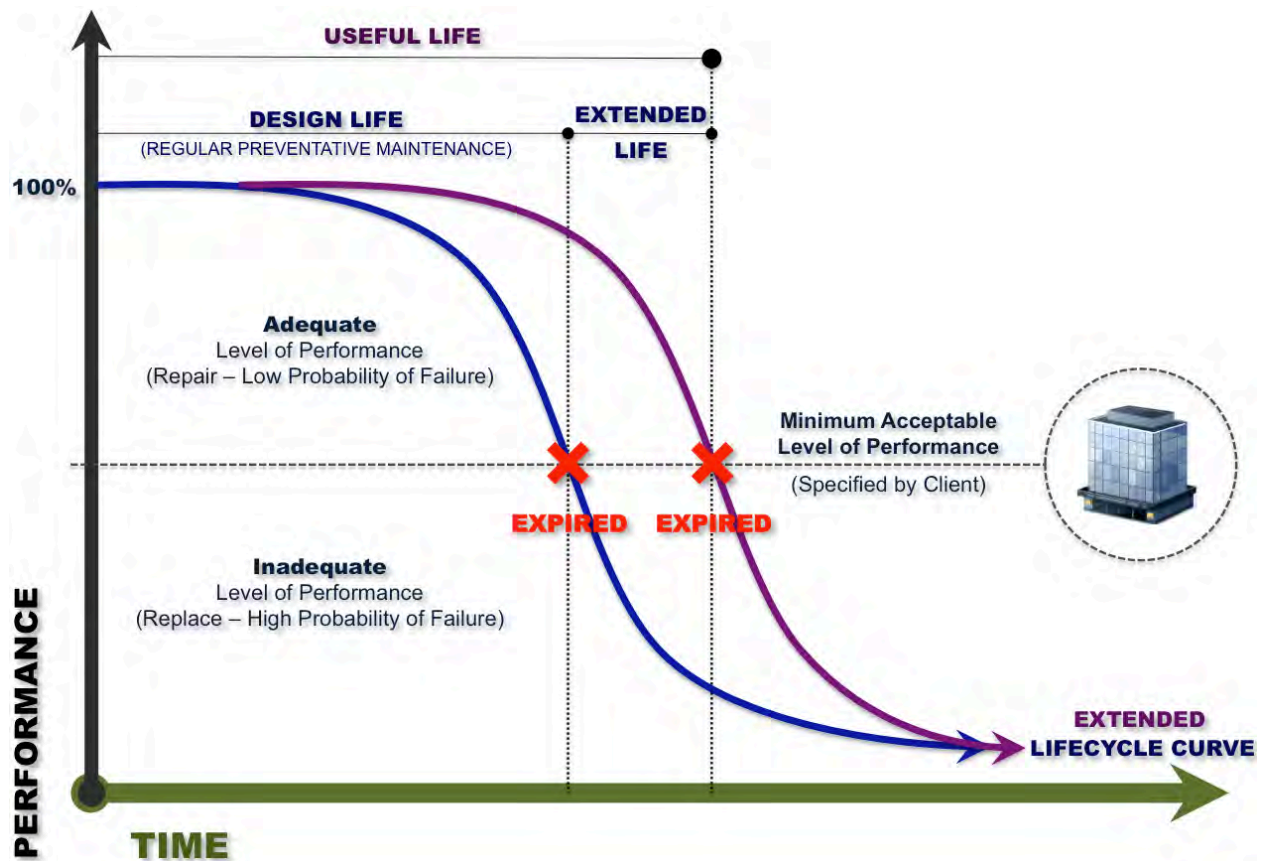
## Building Systems

A building system describes a mechanism, or group of mechanisms that perform a given role to maintain the functionality of a facility. Examples of building systems may include roofing, plumbing or heating, ventilation and air conditioning (HVAC) systems.

Per the Uniformat classification standard, building systems have been grouped as follows:

- Foundations
- Superstructure
- Exterior Enclosure
- Roofing
- Interior Construction
- Interior Finishes
- Conveying Systems
- Plumbing
- HVAC
- Fire Protection
- Electrical

*Figure 7: System or Component Life Cycle Curve*



## System Actions

A deficiency describes a condition in which there exists the need to repair an item that is damaged, missing, inadequate or insufficient for an intended purpose. Deficiencies are typically associated with underperforming systems or components, and describe activities that are required to extend their useful life.

- **Repair:** Describes a condition in which it is recommended that the building system or component be serviced to provide additional useful life. Repairs are curative in nature, while maintenance by contrast is preventative.
- **Replace:** Describes a condition in which it is recommended that the building system or component be removed and replaced with a new system or component. Replacement needs may vary according to building type, region, use, and maintenance management.

Multiple building systems are considered “non-renewable” because the replacement of those systems would typically be so costly as to require the replacement of the entire facility (Example: Foundations). Accordingly, there are no deficiencies or costs associated to non-renewable system.

Additionally, per client preferences, many aspects of the built environment may not be part of the scope of a facility condition analysis.

## **Cost Models**

Cost estimation models are parametric equations used to predict the costs or the life cycle of a building system or component. The projections of the cost models are factored into capital plans, budgeting tools and other financial planning mechanisms. The rough order of magnitude cost estimates contained in this report are based on the cost models available within the client's database platform.

It is important to note that there are a variety of cost model equations employed in the building industry and it is not uncommon for prices derived from the client's database platform to vary from external references. If required, adjustments can typically be made to the facility condition data in order to facilitate comparison with external cost models, better reflect local conditions or perform sensitivity analyses.

## Appendix C – Abbreviated Equipment Inventory

Table 4: Abbreviated Equipment Inventory

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Beverage System	2005	10	\$6,300.00	-2
Coos Campus	Coffee Machine	2005	10	\$364.00	-2
Coos Campus	Dishwasher	2005	10	\$17,150.00	-2
Coos Campus	Food Disposer	2005	10	\$2,275.00	-2
Coos Campus	Food Warmer	2010	10	\$2,674.00	3
Coos Campus	Food Warmer	2010	10	\$2,674.00	3
Coos Campus	Food Warmer	2010	10	\$2,674.00	3
Coos Campus	Food Warmer	2010	10	\$2,674.00	3
Coos Campus	Fryer	2005	10	\$2,422.00	-2
Coos Campus	Grill/Griddle	2016	10	\$5,880.00	9
Coos Campus	Ice Machine	2005	10	\$5,250.00	-2
Coos Campus	Kettle	2005	10	\$2,100.00	-2
Coos Campus	Mixer	2005	10	\$13,426.00	-2
Coos Campus	Oven	2005	10	\$4,340.00	-2
Coos Campus	Oven	2005	10	\$4,340.00	-2
Coos Campus	Reach-In Cooler	2005	10	\$4,340.00	-2
Coos Campus	Reach-In Cooler	2005	10	\$5,880.00	-2
Coos Campus	Reach-In Cooler	2005	10	\$2,940.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$6,477.80	-2
Coos Campus	Reach-In Freezer	2005	10	\$4,620.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$2,940.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$1,960.00	-2
Coos Campus	Salad Bar Table	2005	10	\$2,100.00	-2
Coos Campus	Steam Table	2005	10	\$4,900.00	-2
Coos Campus	Steam Table	2005	10	\$4,900.00	-2
Coos Campus	Steam Table	2005	10	\$4,900.00	-2
Coos Campus	Steamer	2005	10	\$8,260.00	-2
Coos Campus	Steamer	2005	10	\$8,260.00	-2
Coos Campus	Walk-In Cooler	2005	10	\$17,010.00	-2
Coos Campus	Walk-In Cooler	2000	10	\$17,010.00	-7
Coos Campus	Walk-In Freezer	1997	10	\$8,253.00	-10
Coos Campus	Beverage System	1997	10	\$1,393.00	-10
Coos Campus	Dishwasher	2005	10	\$17,150.00	-2
Coos Campus	6-8 Burner Cooktop	2005	10	\$2,443.00	-2
Coos Campus	6-8 Burner Cooktop	2005	10	\$2,443.00	-2
Coos Campus	6-8 Burner Cooktop	2005	10	\$2,443.00	-2

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Broiler	2005	10	\$3,626.00	-2
Coos Campus	Broiler	2005	10	\$3,626.00	-2
Coos Campus	Broiler	2005	10	\$3,626.00	-2
Coos Campus	Broiler	2005	10	\$3,626.00	-2
Coos Campus	Broiler	2005	10	\$3,626.00	-2
Coos Campus	Coffee Machine	2006	10	\$7,700.00	-1
Coos Campus	Dishwasher	2005	10	\$17,150.00	-2
Coos Campus	Dishwasher	2005	10	\$17,150.00	-2
Coos Campus	Food Disposer	2005	10	\$2,275.00	-2
Coos Campus	Food Disposer	2005	10	\$2,275.00	-2
Coos Campus	Food Warmer	2005	10	\$2,674.00	-2
Coos Campus	Food Warmer	2010	10	\$2,674.00	3
Coos Campus	Food Warmer	2010	10	\$2,674.00	3
Coos Campus	Food Warmer	2009	10	\$2,674.00	2
Coos Campus	Food Warmer	2005	10	\$2,674.00	-2
Coos Campus	Fryer	2005	10	\$4,803.40	-2
Coos Campus	Fryer	2005	10	\$490.00	-2
Coos Campus	Fryer	2005	10	\$2,275.00	-2
Coos Campus	Fryer	2005	10	\$2,275.00	-2
Coos Campus	Fryer	2005	10	\$2,275.00	-2
Coos Campus	Fryer	2005	10	\$2,275.00	-2
Coos Campus	Fryer	2005	10	\$2,275.00	-2
Coos Campus	Fryer	2005	10	\$4,803.40	-2
Coos Campus	Fryer	2005	10	\$2,275.00	-2
Coos Campus	Ice Cream Machine	2005	10	\$12,600.00	-2
Coos Campus	Ice Machine	2005	10	\$7,707.00	-2
Coos Campus	Ice Machine	2005	10	\$5,250.00	-2
Coos Campus	Meat Slicer	2005	10	\$1,120.00	-2
Coos Campus	Meat Slicer	1997	10	\$3,500.00	-10
Coos Campus	Meat Slicer	2005	10	\$1,120.00	-2
Coos Campus	Meat Slicer	2005	10	\$1,120.00	-2
Coos Campus	Mixer	2005	10	\$7,410.20	-2
Coos Campus	Mixer	2005	10	\$7,410.20	-2
Coos Campus	Mixer	2005	10	\$7,410.20	-2
Coos Campus	Mixer	2005	10	\$11,433.80	-2
Coos Campus	Mixer	2005	10	\$7,410.20	-2
Coos Campus	Mixer	2005	10	\$7,410.20	-2
Coos Campus	Mixer	2005	10	\$7,410.20	-2
Coos Campus	Mixer	2005	10	\$7,410.20	-2
Coos Campus	Mixer	2005	10	\$7,410.20	-2
Coos Campus	Oven	2005	10	\$14,628.60	-2

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Oven	2005	10	\$14,628.60	-2
Coos Campus	Oven	2005	10	\$14,628.60	-2
Coos Campus	Oven	2005	10	\$14,628.60	-2
Coos Campus	Oven	2005	10	\$14,628.60	-2
Coos Campus	Oven	2005	10	\$23,380.00	-2
Coos Campus	Oven	2005	10	\$23,380.00	-2
Coos Campus	Oven	2005	10	\$5,040.00	-2
Coos Campus	Oven	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$4,359.60	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Oven / Range	2005	10	\$5,040.00	-2
Coos Campus	Reach-In Cooler	2005	10	\$4,900.00	-2
Coos Campus	Reach-In Cooler	2005	10	\$3,696.00	-2
Coos Campus	Reach-In Cooler	2005	10	\$2,940.00	-2
Coos Campus	Reach-In Cooler	2005	10	\$5,163.20	-2
Coos Campus	Reach-In Cooler	2005	10	\$4,900.00	-2
Coos Campus	Reach-In Cooler	2005	10	\$4,900.00	-2
Coos Campus	Reach-In Cooler	2005	10	\$840.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$2,170.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$4,620.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$6,477.80	-2
Coos Campus	Reach-In Freezer	2005	10	\$2,170.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$4,620.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$4,620.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$2,170.00	-2
Coos Campus	Reach-In Freezer	2005	10	\$4,620.00	-2
Coos Campus	Walk-In Cooler	2005	10	\$17,010.00	-2
Coos Campus	Walk-In Cooler	2009	10	\$17,010.00	2
Coos Campus	Walk-In Cooler	2005	10	\$17,010.00	-2
Coos Campus	Walk-In Cooler	2005	10	\$17,010.00	-2
Coos Campus	Walk-In Freezer	2005	10	\$17,010.00	-2
Coos Campus	Walk-In Freezer	2005	10	\$17,010.00	-2

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Rooftop Package Unit	2008	10	\$10,784.20	1
Coos Campus	Building Automation System	1982	10	\$3,920.00	-25
Coos Campus	Building Automation System	1982	10	\$1,960.00	-25
Coos Campus	Building Automation System	1978	10	\$23,590.00	-29
Coos Campus	Grease Trap	1967	10	\$8,605.80	-40
Coos Campus	Sewer Station	1995	10	\$11,620.00	-12
Coos Campus	Dehumidifier	1982	12	\$5,938.80	-23
Coos Campus	Main Fire Alarm Panel	1965	15	\$1,584.80	-37
Coos Campus	Main Fire Alarm Panel	1995	15	\$1,584.80	-7
Coos Campus	Main Fire Alarm Panel	1995	15	\$1,584.80	-7
Coos Campus	Main Fire Alarm Panel	1982	15	\$1,584.80	-20
Coos Campus	Main Fire Alarm Panel	2001	15	\$1,584.80	-1
Coos Campus	Main Fire Alarm Panel	1997	15	\$1,584.80	-5
Coos Campus	Main Fire Alarm Panel	1982	15	\$1,584.80	-20
Coos Campus	Main Fire Alarm Panel	2005	15	\$1,584.80	3
Coos Campus	Main Fire Alarm Panel	2010	15	\$1,584.80	8
Coos Campus	Main Fire Alarm Panel	2010	15	\$1,584.80	8
Coos Campus	Main Fire Alarm Panel	2006	15	\$1,584.80	4
Coos Campus	Main Fire Alarm Panel	2010	15	\$1,584.80	8
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Exhaust Hood	2005	15	\$4,144.00	3
Coos Campus	Unit Heater, Electric	2000	15	\$746.20	-2
Coos Campus	Unit Heater, Electric	2010	15	\$746.20	8
Coos Campus	Unit Heater, Electric	1982	15	\$746.20	-20
Coos Campus	Unit Heater, Electric	1982	15	\$746.20	-20
Coos Campus	Heat Pump	1997	15	\$7,105.00	-5
Coos Campus	Heat Pump	1997	15	\$7,105.00	-5
Coos Campus	Heat Pump	1997	15	\$3,276.00	-5
Coos Campus	Heat Pump	1997	15	\$7,105.00	-5
Coos Campus	Heat Pump	1993	15	\$3,276.00	-9
Coos Campus	Mini Split System	2005	15	\$2,098.60	3

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Mini Split System	2005	15	\$2,098.60	3
Coos Campus	Unit Heater, Electric	1964	15	\$746.20	-38
Coos Campus	Unit Heater, Electric	2006	15	\$746.20	4
Coos Campus	Unit Heater, Electric	2006	15	\$746.20	4
Coos Campus	Unit Heater, Electric	1964	15	\$746.20	-38
Coos Campus	Heat Pump	2017	15	\$7,105.00	15
Coos Campus	Heat Pump	2006	15	\$5,670.00	4
Coos Campus	Heat Pump	2014	15	\$5,670.00	12
Coos Campus	Heat Pump	2011	15	\$5,670.00	9
Coos Campus	Heat Pump	2016	15	\$3,276.00	14
Coos Campus	Heat Pump	2010	15	\$7,105.00	8
Coos Campus	Heat Pump	1995	15	\$10,710.00	-7
Coos Campus	Mini Split System	2014	15	\$2,826.60	12
Coos Campus	Heat Pump	1995	15	\$7,105.00	-7
Coos Campus	Heat Pump	1994	15	\$7,105.00	-8
Coos Campus	Unit Heater, Electric	1969	15	\$746.20	-33
Coos Campus	Water Heater, Electric	2006	15	\$11,695.60	4
Coos Campus	Water Heater, Electric	1996	15	\$8,365.00	-6
Coos Campus	Water Heater, Electric	2012	15	\$11,695.60	10
Coos Campus	Water Heater, Electric	2015	15	\$16,294.60	13
Coos Campus	Water Heater, Electric	2015	15	\$15,184.40	13
Coos Campus	Water Heater, Electric	1991	15	\$8,365.00	-11
Coos Campus	Water Heater, Electric	2004	15	\$2,940.00	2
Coos Campus	Water Heater, Electric	2006	15	\$8,365.00	4
Coos Campus	Water Heater, Electric	2004	15	\$2,940.00	2
Coos Campus	Water Heater, Electric	1978	15	\$8,365.00	-24
Coos Campus	Water Heater, Gas	2001	15	\$7,413.00	-1
Coos Campus	Water Heater, Gas	2016	15	\$8,365.00	14
Coos Campus	Water Heater, Gas	2005	15	\$20,021.40	3
Coos Campus	Water Heater, Gas	2005	15	\$20,021.40	3
Coos Campus	Water Heater, Gas	2005	15	\$20,021.40	3
Coos Campus	Water Heater, Gas	2015	15	\$26,721.80	13
Coos Campus	Water Heater, Gas	2005	15	\$20,021.40	3
Coos Campus	Water Heater, Gas	2005	15	\$20,021.40	3
Coos Campus	Water Heater, Gas	2008	15	\$12,426.40	6
Coos Campus	Rooftop Package Unit	2008	18	\$10,784.20	9
Coos Campus	Rooftop Package Unit	2008	18	\$11,933.60	9
Coos Campus	Rooftop Package Unit	2008	18	\$13,916.00	9
Coos Campus	Rooftop Package Unit	2010	18	\$13,916.00	11
Coos Campus	Rooftop Package Unit	2010	18	\$13,916.00	11
Coos Campus	Rooftop Package Unit	2008	18	\$35,960.40	9



Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Rooftop Package Unit	2008	18	\$63,436.80	9
Coos Campus	Rooftop Package Unit	2001	18	\$10,784.20	2
Coos Campus	Rooftop Package Unit	2014	18	\$17,246.60	15
Coos Campus	Rooftop Package Unit	2014	18	\$13,916.00	15
Coos Campus	Rooftop Package Unit	2001	18	\$10,784.20	2
Coos Campus	Rooftop Package Unit	2005	18	\$17,246.60	6
Coos Campus	Rooftop Package Unit	2005	18	\$8,206.80	6
Coos Campus	Rooftop Package Unit	2005	18	\$8,206.80	6
Coos Campus	Rooftop Package Unit	2005	18	\$8,206.80	6
Coos Campus	Rooftop Package Unit	2006	18	\$11,933.60	7
Coos Campus	Rooftop Package Unit	2006	18	\$11,933.60	7
Coos Campus	Rooftop Package Unit	2006	18	\$17,246.60	7
Coos Campus	Rooftop Package Unit	2005	18	\$17,246.60	6
Coos Campus	Rooftop Package Unit	2011	18	\$17,246.60	12
Coos Campus	Rooftop Package Unit	2006	18	\$17,246.60	7
Coos Campus	Rooftop Package Unit	2006	18	\$17,246.60	7
Coos Campus	Rooftop Package Unit	2006	18	\$10,784.20	7
Coos Campus	Rooftop Package Unit	2006	18	\$10,784.20	7
Coos Campus	Rooftop Package Unit	2006	18	\$10,784.20	7
Coos Campus	Rooftop Package Unit	2006	18	\$10,784.20	7
Coos Campus	Rooftop Package Unit	2006	18	\$10,784.20	7
Coos Campus	Rooftop Package Unit	2006	18	\$10,784.20	7
Coos Campus	Rooftop Package Unit	2006	18	\$13,916.00	7
Coos Campus	Emergency Generators	1964	20	\$56,511.00	-33
Coos Campus	Fan, Exhaust	1965	20	\$1,810.20	-32
Coos Campus	Fan, Exhaust	1965	20	\$1,810.20	-32
Coos Campus	Fan, Exhaust	1965	20	\$1,810.20	-32
Coos Campus	Fan Coil Unit	1982	20	\$5,569.20	-15
Coos Campus	Fan, Exhaust	1982	20	\$4,060.00	-15
Coos Campus	Fan, Exhaust	1982	20	\$4,060.00	-15
Coos Campus	Condenser	2001	20	\$14,880.60	4
Coos Campus	Fan, Exhaust	2001	20	\$1,810.20	4
Coos Campus	Fan, Exhaust	2001	20	\$1,810.20	4
Coos Campus	Fan, Exhaust	2001	20	\$1,810.20	4
Coos Campus	Fan Coil Unit	1982	20	\$5,569.20	-15
Coos Campus	Condenser	2004	20	\$3,512.60	7
Coos Campus	Condenser	2005	20	\$3,512.60	8
Coos Campus	Condenser	2005	20	\$1,411.20	8
Coos Campus	Condenser	2005	20	\$1,411.20	8
Coos Campus	Fan, Exhaust	2005	20	\$5,369.00	8
Coos Campus	Fan, Exhaust	2005	20	\$5,369.00	8



Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	2006	20	\$1,810.20	9
Coos Campus	Fan, Exhaust	1964	20	\$1,810.20	-33
Coos Campus	Fan, Exhaust	1964	20	\$1,810.20	-33
Coos Campus	Fan, Exhaust	1995	20	\$1,810.20	-2
Coos Campus	Fan, Exhaust	1995	20	\$1,810.20	-2
Coos Campus	Fan Coil Unit	1982	20	\$5,569.20	-15
Coos Campus	Fan, Exhaust	1982	20	\$1,871.80	-15
Coos Campus	Condenser	2008	20	\$3,171.00	11
Coos Campus	Chiller, Air Cooled	2008	20	\$118,364.40	11
Coos Campus	Fan, Exhaust	1978	20	\$4,060.00	-19
Coos Campus	Fan, Exhaust	1978	20	\$4,060.00	-19
Coos Campus	Condenser	1995	20	\$5,677.00	-2
Coos Campus	Fan, Exhaust	1978	20	\$5,369.00	-19
Coos Campus	Automatic Transfer Switch	1964	25	\$8,407.00	-28
Coos Campus	Automatic Transfer Switch	1978	25	\$8,407.00	-14
Coos Campus	Automatic Transfer Switch	1978	25	\$8,407.00	-14
Coos Campus	Automatic Transfer Switch	1978	25	\$8,407.00	-14
Coos Campus	Automatic Transfer Switch	1978	25	\$8,407.00	-14
Coos Campus	Air Handling Unit	1965	25	\$23,195.20	-27
Coos Campus	Air Handling Unit	2001	25	\$23,195.20	9
Coos Campus	Air Handling Unit	1982	25	\$23,195.20	-10
Coos Campus	Air Handling Unit	2005	25	\$23,195.20	13
Coos Campus	Air Handling Unit	2005	25	\$23,195.20	13
Coos Campus	Air Handling Unit	1967	25	\$23,195.20	-25
Coos Campus	Air Handling Unit	1967	25	\$23,195.20	-25
Coos Campus	Pump, Horizontal	1967	25	\$16,961.00	-25

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Air Handling Unit	1967	25	\$23,195.20	-25
Coos Campus	Air Handling Unit	1967	25	\$23,195.20	-25
Coos Campus	Air Handling Unit	2009	25	\$23,195.20	17
Coos Campus	Boiler	2010	25	\$21,980.00	18
Coos Campus	Air Handling Unit	1964	25	\$23,195.20	-28
Coos Campus	Air Handling Unit	2006	25	\$23,195.20	14
Coos Campus	Boiler	2010	25	\$21,980.00	18
Coos Campus	Air Handling Unit	1982	25	\$23,195.20	-10
Coos Campus	Air Handling Unit	1969	25	\$23,195.20	-23
Coos Campus	Air Handling Unit	1978	25	\$23,195.20	-14
Coos Campus	Air Handling Unit	1978	25	\$23,195.20	-14
Coos Campus	Air Handling Unit	1978	25	\$23,195.20	-14
Coos Campus	Air Handling Unit	1995	25	\$20,615.00	3
Coos Campus	Air Handling Unit	1995	25	\$20,616.40	3
Coos Campus	Air Handling Unit	1995	25	\$20,616.40	3
Coos Campus	Pump, Horizontal	1969	25	\$16,961.00	-23
Coos Campus	Pump, Horizontal	1969	25	\$16,961.00	-23
Coos Campus	Pump - Dom Water Horizontal	1982	25	\$8,605.80	-10
Coos Campus	Pump - Dom Water Horizontal	2001	25	\$8,605.80	9
Coos Campus	Pump - Dom Water Horizontal	2006	25	\$8,605.80	14
Coos Campus	Pump - Dom Water Horizontal	2006	25	\$8,605.80	14
Coos Campus	Pump - Dom Water Horizontal	2006	25	\$8,605.80	14
Coos Campus	Pump - Dom Water Horizontal	1964	25	\$8,605.80	-28
Coos Campus	Panel	1974	30	\$2,450.00	-13
Coos Campus	Panel	1974	30	\$3,171.00	-13
Coos Campus	Panel	1974	30	\$2,450.00	-13
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Main Distribution Panel	1965	30	\$6,335.00	-22
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Panel	1982	30	\$3,448.20	-5
Coos Campus	Panel	1982	30	\$3,448.20	-5
Coos Campus	Panel	1982	30	\$4,757.20	-5
Coos Campus	Panel	1982	30	\$2,450.00	-5
Coos Campus	Main Distribution Panel	2001	30	\$11,900.00	14

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Panel	2001	30	\$3,448.20	14
Coos Campus	Panel	2001	30	\$3,448.20	14
Coos Campus	Motor Control Center	2001	30	\$3,127.60	14
Coos Campus	Motor Control Center	2001	30	\$3,127.60	14
Coos Campus	Panel	2001	30	\$7,929.60	14
Coos Campus	Panel	2001	30	\$7,929.60	14
Coos Campus	Panel	2001	30	\$2,536.80	14
Coos Campus	Panel	2001	30	\$4,757.20	14
Coos Campus	Panel	2001	30	\$7,929.60	14
Coos Campus	Panel	2001	30	\$1,934.80	14
Coos Campus	Panel	2001	30	\$2,536.80	14
Coos Campus	Panel	2001	30	\$3,726.80	14
Coos Campus	Panel	2001	30	\$2,536.80	14
Coos Campus	Panel	2000	30	\$3,726.80	13
Coos Campus	Panel	2000	30	\$3,726.80	13
Coos Campus	Panel	2001	30	\$3,448.20	14
Coos Campus	Panel	2000	30	\$3,726.80	13
Coos Campus	Panel	2000	30	\$3,448.20	13
Coos Campus	Panel	2000	30	\$3,726.80	13
Coos Campus	Main Distribution Panel	1982	30	\$15,225.00	-5
Coos Campus	Panel	2009	30	\$5,986.40	22
Coos Campus	Panel	2009	30	\$3,726.80	22
Coos Campus	Panel	1982	30	\$15,943.20	-5
Coos Campus	Panel	1982	30	\$2,536.80	-5
Coos Campus	Panel	1982	30	\$3,448.20	-5
Coos Campus	Main Distribution Panel	1997	30	\$7,735.00	10
Coos Campus	Panel	1997	30	\$3,448.20	10
Coos Campus	Panel	1997	30	\$3,448.20	10
Coos Campus	Panel	1997	30	\$3,448.20	10
Coos Campus	Panel	1982	30	\$2,450.00	-5
Coos Campus	Panel	1982	30	\$3,448.20	-5
Coos Campus	Main Distribution Panel	2005	30	\$4,620.00	18
Coos Campus	Main Distribution Panel	2005	30	\$4,620.00	18
Coos Campus	Panel	2005	30	\$3,448.20	18
Coos Campus	Panel	2005	30	\$3,448.20	18
Coos Campus	Panel	2005	30	\$3,448.20	18
Coos Campus	Panel	2005	30	\$3,448.20	18
Coos Campus	Panel	2005	30	\$3,448.20	18
Coos Campus	Panel	2005	30	\$3,448.20	18
Coos Campus	Panel	2005	30	\$3,448.20	18
Coos Campus	Panel	2005	30	\$3,448.20	18

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Panel	2005	30	\$3,448.20	18
Coos Campus	Transformer	1974	30	\$7,099.40	-13
Coos Campus	Transformer	1965	30	\$21,760.20	-22
Coos Campus	Transformer	1965	30	\$11,334.40	-22
Coos Campus	Transformer	1965	30	\$7,099.40	-22
Coos Campus	Motor Control Center	1967	30	\$3,127.60	-20
Coos Campus	Motor Control Center	1967	30	\$3,127.60	-20
Coos Campus	Panel	1967	30	\$3,448.20	-20
Coos Campus	Panel	1967	30	\$3,448.20	-20
Coos Campus	Transformer	1967	30	\$7,099.40	-20
Coos Campus	Panel	1967	30	\$3,448.20	-20
Coos Campus	Motor Control Center	1967	30	\$3,127.60	-20
Coos Campus	Panel	1967	30	\$3,448.20	-20
Coos Campus	Main Distribution Panel	1967	30	\$15,225.00	-20
Coos Campus	Motor Control Center	1967	30	\$3,127.60	-20
Coos Campus	Motor Control Center	1967	30	\$3,127.60	-20
Coos Campus	Motor Control Center	1967	30	\$3,127.60	-20
Coos Campus	Panel	1967	30	\$3,448.20	-20
Coos Campus	Panel	1967	30	\$3,718.40	-20
Coos Campus	Panel	1967	30	\$3,718.40	-20
Coos Campus	Panel	1967	30	\$3,448.20	-20
Coos Campus	Panel	1967	30	\$15,943.20	-20
Coos Campus	Panel	1967	30	\$3,448.20	-20
Coos Campus	Main Distribution Panel	1964	30	\$11,900.00	-23
Coos Campus	Main Distribution Panel	1964	30	\$24,150.00	-23
Coos Campus	Panel	2009	30	\$3,448.20	22
Coos Campus	Panel	1964	30	\$3,448.20	-23
Coos Campus	Panel	2009	30	\$2,536.80	22
Coos Campus	Panel	2009	30	\$3,726.80	22
Coos Campus	Panel	2009	30	\$3,448.20	22
Coos Campus	Panel	1964	30	\$3,726.80	-23
Coos Campus	Panel	1964	30	\$3,448.20	-23
Coos Campus	Panel	2003	30	\$3,448.20	16
Coos Campus	Panel	2003	30	\$3,448.20	16
Coos Campus	Panel	1964	30	\$7,224.00	-23
Coos Campus	Panel	1964	30	\$3,718.40	-23
Coos Campus	Transformer	2002	30	\$7,099.40	15
Coos Campus	Transformer	1964	30	\$7,099.40	-23
Coos Campus	Transformer	2016	30	\$9,472.40	29
Coos Campus	Transformer	2009	30	\$3,837.40	22
Coos Campus	Transformer	1964	30	\$7,099.40	-23

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Transformer	1964	30	\$7,099.40	-23
Coos Campus	Main Distribution Panel	2006	30	\$22,645.00	19
Coos Campus	Main Distribution Panel	2006	30	\$22,645.00	19
Coos Campus	Main Distribution Panel	2006	30	\$22,645.00	19
Coos Campus	Panel	2006	30	\$4,757.20	19
Coos Campus	Panel	2006	30	\$3,448.20	19
Coos Campus	Panel	2006	30	\$3,448.20	19
Coos Campus	Panel	2006	30	\$3,726.80	19
Coos Campus	Panel	2006	30	\$3,726.80	19
Coos Campus	Panel	2006	30	\$3,448.20	19
Coos Campus	Panel	2006	30	\$3,448.20	19
Coos Campus	Panel	2006	30	\$3,448.20	19
Coos Campus	Panel	2006	30	\$3,448.20	19
Coos Campus	Panel	2006	30	\$3,726.80	19
Coos Campus	Panel	2002	30	\$2,450.00	15
Coos Campus	Panel	1965	30	\$3,726.80	-22
Coos Campus	Panel	1965	30	\$3,448.20	-22
Coos Campus	Panel	2002	30	\$3,726.80	15
Coos Campus	Transformer	2002	30	\$7,099.40	15
Coos Campus	Transformer	1964	30	\$7,099.40	-23
Coos Campus	Main Distribution Panel	1995	30	\$7,735.00	8
Coos Campus	Panel	1995	30	\$5,986.40	8
Coos Campus	Panel	1995	30	\$9,339.40	8
Coos Campus	Panel	1995	30	\$3,448.20	8
Coos Campus	Panel	1995	30	\$3,448.20	8
Coos Campus	Transformer	1995	30	\$23,319.80	8
Coos Campus	Panel	1982	30	\$9,339.40	-5
Coos Campus	Panel	1982	30	\$2,450.00	-5
Coos Campus	Panel	1982	30	\$7,929.60	-5
Coos Campus	Panel	1982	30	\$22,766.80	-5
Coos Campus	Panel	1982	30	\$3,726.80	-5
Coos Campus	Panel	1982	30	\$3,726.80	-5
Coos Campus	Panel	1982	30	\$3,448.20	-5
Coos Campus	Panel	1982	30	\$3,448.20	-5
Coos Campus	Transformer	1982	30	\$23,319.80	-5
Coos Campus	Panel	1982	30	\$2,450.00	-5
Coos Campus	Panel	1982	30	\$3,718.40	-5
Coos Campus	Motor Control Center	1978	30	\$3,127.60	-9
Coos Campus	Panel	1978	30	\$3,448.20	-9
Coos Campus	Panel	1995	30	\$3,448.20	8
Coos Campus	Panel	1993	30	\$3,448.20	6

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Panel	1995	30	\$3,726.80	8
Coos Campus	Panel	1997	30	\$3,448.20	10
Coos Campus	Transformer	1995	30	\$8,274.00	8
Coos Campus	Panel	1995	30	\$3,448.20	8
Coos Campus	Transformer	1995	30	\$7,099.40	8
Coos Campus	Panel	2016	30	\$2,536.80	29
Coos Campus	Transformer	1995	30	\$3,837.40	8
Coos Campus	Transformer	1978	30	\$3,837.40	-9
Coos Campus	Transformer	1978	30	\$7,099.40	-9
Coos Campus	Panel	1969	30	\$3,448.20	-18
Coos Campus	Panel	1969	30	\$3,448.20	-18
Coos Campus	Panel	1969	30	\$3,448.20	-18
Coos Campus	Main Distribution Panel	1969	30	\$6,335.00	-18
Coos Campus	Main Distribution Panel	1969	30	\$3,815.00	-18
Coos Campus	Panel	1986	30	\$3,726.80	-1
Coos Campus	Panel	1995	30	\$3,726.80	8
Coos Campus	Panel	1995	30	\$3,726.80	8
Coos Campus	Panel	1969	30	\$3,718.40	-18
Coos Campus	Panel	1969	30	\$3,718.40	-18
Coos Campus	Panel	1969	30	\$3,448.20	-18
Coos Campus	Transformer	1969	30	\$8,274.00	-18
Coos Campus	Package Unit	2012	30	\$1,712.20	25
Coos Campus	Package Unit	2012	30	\$1,712.20	25
Coos Campus	Package Unit	2012	30	\$1,712.20	25
Coos Campus	Package Unit	2012	30	\$1,712.20	25
Coos Campus	Make Up Air Unit	2005	30	\$14,000.00	18
Coos Campus	Make Up Air Unit	2005	30	\$17,689.00	18
Coos Campus	Make Up Air Unit	2005	30	\$17,689.00	18
Coos Campus	Make Up Air Unit	2005	30	\$14,000.00	18
Coos Campus	Package Unit	1982	30	\$1,712.20	-5
Coos Campus	Transformer	1982	30	\$7,099.40	-5
Coos Campus	Transformer	2001	30	\$23,319.80	14
Coos Campus	Transformer	2001	30	\$54,223.40	14
Coos Campus	Transformer	1982	30	\$8,274.00	-5
Coos Campus	Transformer	1997	30	\$19,595.80	10
Coos Campus	Transformer	1982	30	\$7,099.40	-5
Coos Campus	Tank, Storage	2009	30	\$1,523.20	22
Coos Campus	Tank, Storage	2009	30	\$1,523.20	22
Coos Campus	Tank, Storage	1969	30	\$1,486.80	-18
Coos Campus	Transformer	2000	30	\$5,286.40	13
Coos Campus	Elevator	2002	35	\$12,131.00	20



Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Elevator	2001	35	\$99,754.20	19
Coos Campus	Elevator	1967	35	\$99,754.20	-15
Coos Campus	Elevator	1995	35	\$99,754.20	13
Coos Campus	Elevator	1978	35	\$221,552.80	-4
Coos Campus	Elevator	1978	35	\$221,552.80	-4
Coos Campus	Switch Gear/Disconnect	1965	40	\$168.00	-12
Coos Campus	Switch Gear/Disconnect	1965	40	\$168.00	-12
Coos Campus	Switch Gear/Disconnect	1965	40	\$168.00	-12
Coos Campus	Switch Gear/Disconnect	1965	40	\$700.00	-12
Coos Campus	Switch Gear/Disconnect	1972	40	\$168.00	-5
Coos Campus	Switch Gear/Disconnect	1972	40	\$168.00	-5
Coos Campus	Switch Gear/Disconnect	1972	40	\$700.00	-5
Coos Campus	Switch Gear/Disconnect	2001	40	\$700.00	24
Coos Campus	Switch Gear/Disconnect	2001	40	\$700.00	24
Coos Campus	Switch Gear/Disconnect	2001	40	\$6,160.00	24
Coos Campus	Switch Gear/Disconnect	2001	40	\$168.00	24
Coos Campus	Switch Gear/Disconnect	2001	40	\$700.00	24
Coos Campus	Switch Gear/Disconnect	2001	40	\$588.00	24
Coos Campus	Switch Gear/Disconnect	2001	40	\$3,640.00	24
Coos Campus	Switch Gear/Disconnect	2001	40	\$168.00	24
Coos Campus	Switch Gear/Disconnect	2001	40	\$168.00	24
Coos Campus	Switch Gear/Disconnect	2001	40	\$3,640.00	24
Coos Campus	Switch Gear/Disconnect	1982	40	\$588.00	5
Coos Campus	Switch Gear/Disconnect	1997	40	\$700.00	20
Coos Campus	Switch Gear/Disconnect	1997	40	\$700.00	20
Coos Campus	Switch Gear/Disconnect	1982	40	\$700.00	5
Coos Campus	Switch Gear/Disconnect	2005	40	\$168.00	28
Coos Campus	Switch Gear/Disconnect	2008	40	\$700.00	31
Coos Campus	Switch Gear/Disconnect	2008	40	\$700.00	31
Coos Campus	Switch Gear/Disconnect	1967	40	\$210.00	-10
Coos Campus	Switchgear	1965	40	\$64,768.20	-12
Coos Campus	Switchgear	2000	40	\$64,768.20	23
Coos Campus	Switchgear	2000	40	\$64,768.20	23
Coos Campus	Switchgear	2000	40	\$64,768.20	23
Coos Campus	Switchgear	2000	40	\$64,768.20	23
Coos Campus	Switch Gear/Disconnect	1967	40	\$168.00	-10
Coos Campus	Switch Gear/Disconnect	1967	40	\$700.00	-10
Coos Campus	Switch Gear/Disconnect	1967	40	\$588.00	-10
Coos Campus	Switch Gear/Disconnect	1967	40	\$168.00	-10
Coos Campus	Switchgear	1967	40	\$64,768.20	-10

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Coos Campus	Switch Gear/Disconnect	1967	40	\$168.00	-10
Coos Campus	Switch Gear/Disconnect	1967	40	\$168.00	-10
Coos Campus	Switch Gear/Disconnect	1967	40	\$168.00	-10
Coos Campus	Switch Gear/Disconnect	1967	40	\$168.00	-10
Coos Campus	Switchgear	1964	40	\$64,768.20	-13
Coos Campus	Switch Gear/Disconnect	1964	40	\$700.00	-13
Coos Campus	Switch Gear/Disconnect	1964	40	\$700.00	-13
Coos Campus	Switch Gear/Disconnect	1964	40	\$700.00	-13
Coos Campus	Switch Gear/Disconnect	1964	40	\$700.00	-13
Coos Campus	Switch Gear/Disconnect	1964	40	\$2,450.00	-13
Coos Campus	Switchgear	1965	40	\$64,768.20	-12
Coos Campus	Switch Gear/Disconnect	1965	40	\$168.00	-12
Coos Campus	Switch Gear/Disconnect	1965	40	\$168.00	-12
Coos Campus	Switch Gear/Disconnect	1965	40	\$168.00	-12
Coos Campus	Switch Gear/Disconnect	2001	40	\$700.00	24
Coos Campus	Switch Gear/Disconnect	2015	40	\$588.00	38
Coos Campus	Switch Gear/Disconnect	1978	40	\$700.00	1
Coos Campus	Switchgear	1978	40	\$64,768.20	1
Coos Campus	Switchgear	1978	40	\$64,768.20	1
Coos Campus	Switchgear	1978	40	\$64,768.20	1
Coos Campus	Switchgear	1978	40	\$64,768.20	1
Coos Campus	Switchgear	1969	40	\$64,768.20	-8
Coos Campus	Switch Gear/Disconnect	1969	40	\$588.00	-8
Curry Campus	Oven / Range	2011	10	\$5,040.00	4
Curry Campus	Dishwasher	2011	10	\$17,150.00	4
Curry Campus	Ice Machine	2011	10	\$1,983.80	4
Curry Campus	Oven	2011	10	\$8,680.00	4
Curry Campus	Oven	2011	10	\$8,680.00	4
Curry Campus	Reach-In Cooler	2011	10	\$7,372.40	4
Curry Campus	Reach-In Freezer	2011	10	\$3,213.00	4
Curry Campus	Building Automation System	2011	10	\$10,465.00	4
Curry Campus	Main Fire Alarm Panel	2011	15	\$1,584.80	9
Curry Campus	Main Fire Alarm Panel	2012	15	\$1,584.80	10
Curry Campus	Mini Split System	2011	15	\$2,826.60	9
Curry Campus	Mini Split System	2011	15	\$2,826.60	9
Curry Campus	Mini Split System	2011	15	\$2,826.60	9
Curry Campus	Air Compressor	2011	15	\$746.20	9
Curry Campus	Unit Heater, Electric	2011	15	\$746.20	9
Curry Campus	Unit Heater, Electric	2012	15	\$18,158.00	10
Curry Campus	Water Heater, Gas	2012	15	\$18,158.00	10
Curry Campus	Water Heater, Gas	2012	15	\$4,989.60	10

Location	Type	Year Installed	Life Cycle (Yrs)	Replacement Cost	Remaining Useful Life (Yrs)
Curry Campus	Photovoltaic System	2011	20	\$4,989.60	14
Curry Campus	Photovoltaic System	2011	20	\$4,989.60	14
Curry Campus	Photovoltaic System	2011	20	\$62,825.00	14
Curry Campus	Emergency Generators	2011	20	\$4,200.00	14
Curry Campus	Fan Coil Unit	2011	20	\$2,373.00	14
Curry Campus	Fan, Exhaust	2011	20	\$1,810.20	14
Curry Campus	Fan, Exhaust	2011	20	\$5,780.60	14
Curry Campus	Condenser	2012	20	\$5,677.00	15
Curry Campus	Condenser	2011	20	\$4,209.80	14
Curry Campus	Condenser	2011	20	\$5,677.00	14
Curry Campus	Condenser	2011	20	\$4,209.80	14
Curry Campus	Condenser	2011	20	\$3,171.00	14
Curry Campus	Condenser	2011	20	\$3,171.00	14
Curry Campus	Condenser	2011	20	\$3,382.40	14
Curry Campus	Fan, Exhaust	2011	20	\$18,506.60	14
Curry Campus	Automatic Transfer Switch	2011	25	\$18,506.60	19
Curry Campus	Automatic Transfer Switch	2011	25	\$16,961.00	19
Curry Campus	Pump, Horizontal	2011	25	\$6,748.00	19
Curry Campus	Pump - Dom Water Horizontal	2012	25	\$6,748.00	20
Curry Campus	Pump - Dom Water Horizontal	2011	25	\$1,829.80	19
Curry Campus	Pump - Dom Water Horizontal	2011	25	\$2,536.80	19
Curry Campus	Panel	2011	30	\$3,448.20	24
Curry Campus	Panel	2011	30	\$22,645.00	24
Curry Campus	Main Distribution Panel	2011	30	\$3,726.80	24
Curry Campus	Panel	2011	30	\$2,536.80	24
Curry Campus	Panel	2011	30	\$2,450.00	24
Curry Campus	Panel	2011	30	\$3,448.20	24
Curry Campus	Panel	2011	30	\$3,718.40	24
Curry Campus	Panel	2011	30	\$22,645.00	24
Curry Campus	Main Distribution Panel	2011	30	\$3,718.40	24
Curry Campus	Panel	2011	30	\$2,450.00	24
Curry Campus	Panel	2012	30	\$3,448.20	25
Curry Campus	Panel	2012	30	\$3,448.20	25
Curry Campus	Panel	2012	30	\$3,448.20	25
Curry Campus	Panel	2012	30	\$18,562.60	25
Curry Campus	Make Up Air Unit	2012	30	\$99,754.20	25
Curry Campus	Elevator	2011	35	\$1,680.00	29
Curry Campus	Switch Gear/Disconnect	2011	40	\$840.00	34
Curry Campus	Switch Gear/Disconnect	2012	40	\$560.00	35
Curry Campus	Switch Gear/Disconnect	2011	40	\$560.00	34
Curry Campus	Switch Gear/Disconnect	2011	40	\$700.00	34

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San Antonio, TX 78231

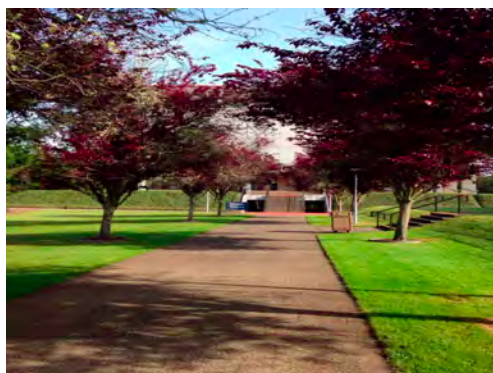
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# Facility Condition Assessment

## Campus Summary

August 11, 2017



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# Coos Campus

## Facility Condition Assessment

Summary of Findings	Year Established	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
	1962	267,752	\$12,609,582	20	\$18,561,353	31





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The table below contains location-specific information regarding current and forecast Facility Condition Indices. A comprehensive list of expired systems and those expected to be expired between now and the Year 2037 is shown in Table 3.

*Table 1: Facility Description: Summary of Findings – Coos Campus*

Building Name	Age (Years)	Area (SF)	Total Needs 2017	Current Replacement Value	2017 FCI %	Total Needs 2022	2022 FCI %
B-2	43	1,800	\$41,930	\$388,292	11	\$62,739	16
Coaledo Hall	52	9,800	\$918,265	\$2,643,693	35	\$1,176,898	45
Dellwood Hall	52	9,375	\$450,423	\$1,900,894	24	\$575,648	30
Eden Hall	35	9,111	\$740,732	\$1,795,756	41	\$843,080	47
Empire Hall	16	21,890	\$188,141	\$4,182,535	5	\$1,538,631	37
Fairview Hall	35	15,400	\$650,545	\$3,322,267	20	\$814,294	25
Family Center	20	5,798	\$165,347	\$1,281,186	13	\$258,021	20
Lampa Hall	35	3,760	\$232,202	\$762,385	30	\$291,159	38
OCCI	12	17,127	\$69,320	\$3,694,811	2	\$158,949	4
Prosper Hall	50	25,835	\$2,025,063	\$5,131,260	39	\$2,331,842	45
Randolph Hall	53	12,836	\$331,018	\$2,602,653	13	\$698,081	27
Recreation Center	11	39,314	\$135,232	\$7,808,413	2	\$922,831	12
Sitkum Hall	52	10,240	\$306,274	\$2,208,948	14	\$802,691	36
Stensland Hall	22	14,041	\$300,812	\$3,028,891	10	\$720,261	24
Sumner Hall	35	8,440	\$679,510	\$1,820,872	37	\$993,072	55
Sunset Hall	35	6,840	\$333,551	\$1,475,508	23	\$636,335	43
Tioga Hall	48	56,144	\$3,686,076	\$11,156,633	33	\$4,381,682	39
TOTAL:		267,752	\$11,254,442	\$55,204,999	20	\$17,206,213	31
Site Infrastructure			\$1,355,140			\$1,355,140	
GRAND TOTAL			\$12,609,582			\$18,561,353	

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Figures below show the current and forecasted needs respectively for all Coos Campus facilities grouped by system.

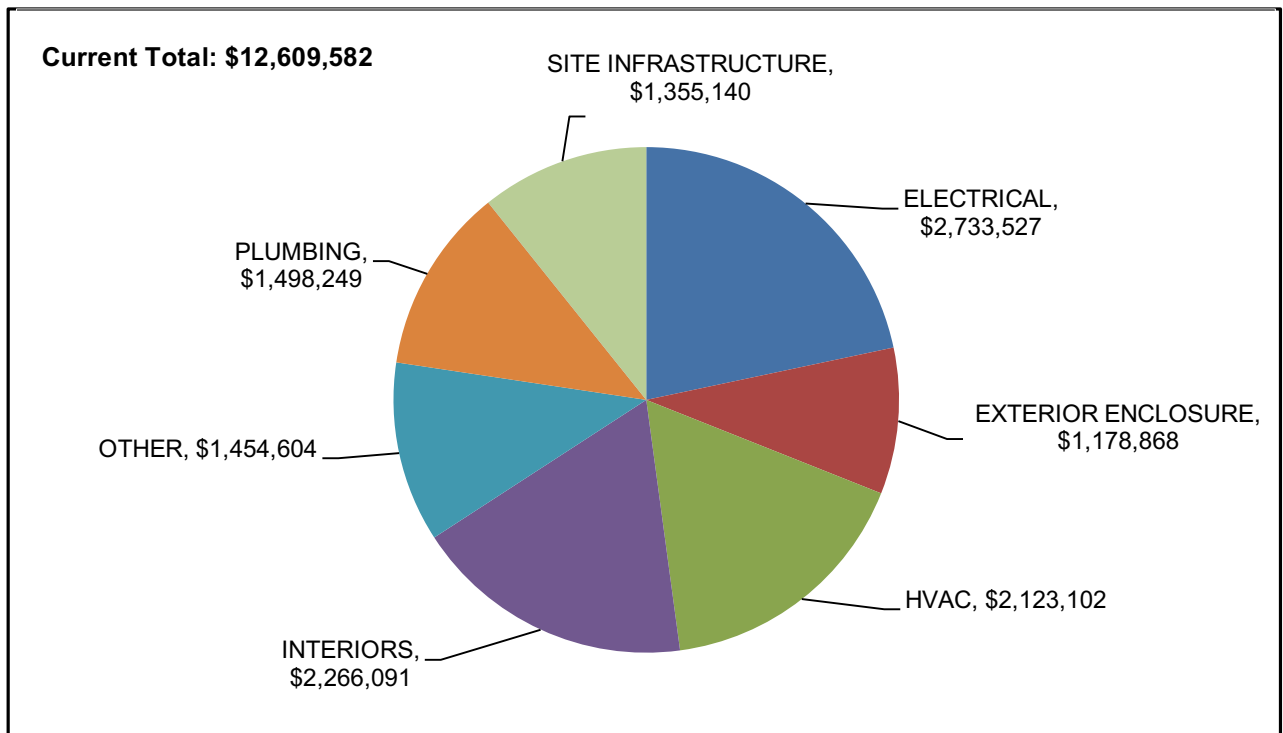
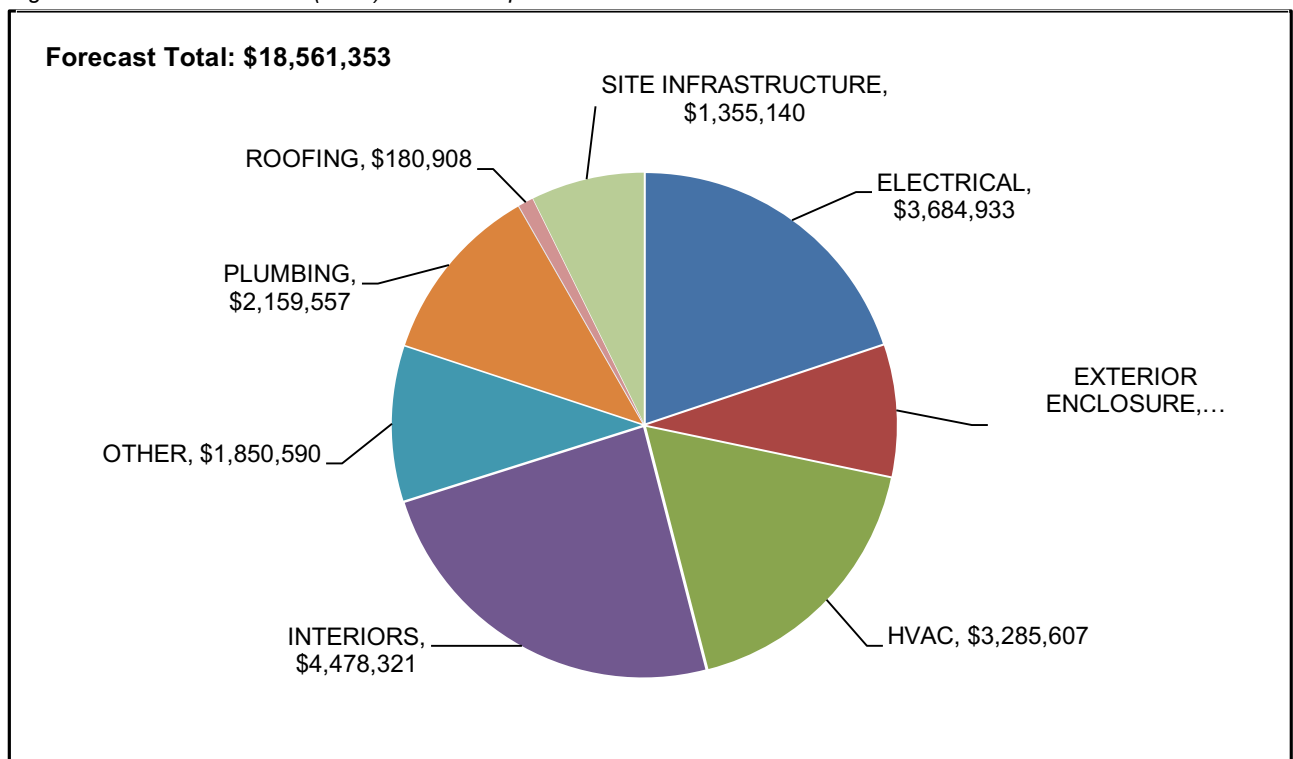


Figure 1: Current Needs (2017): Coos Campus

Figure 2: Forecasted Needs (2022): Coos Campus

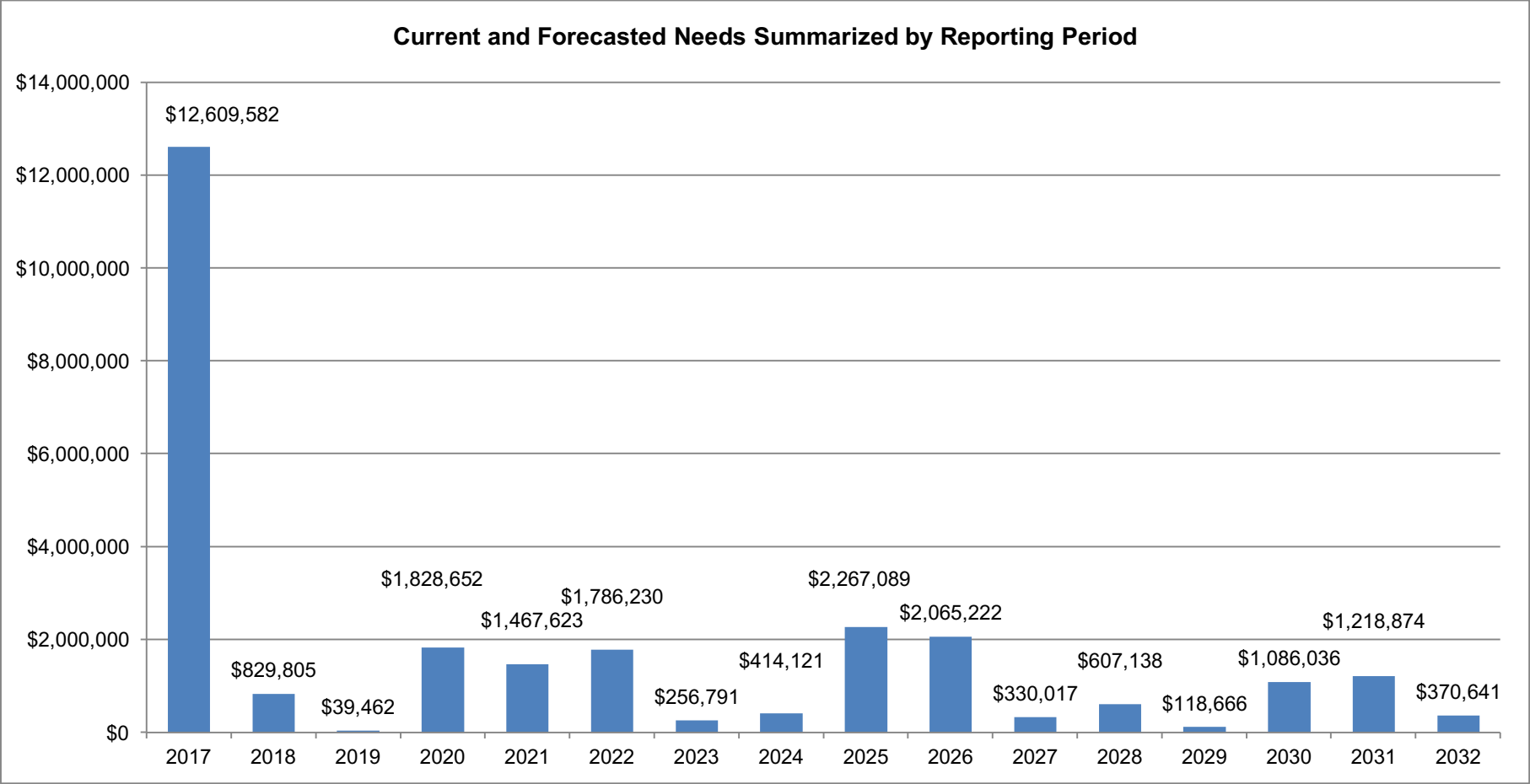


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RENEWAL FORECAST

The renewal forecast below for the Coos Campus debt shows the current maintenance and repair backlog and projected facility sustainment requirements over the next 15 years. Please note the renewal forecast does not include potential costs associated with seismic evaluation; seismic retrofitting; hazardous material inspection, evaluation, and mitigation, including asbestos abatement; and NFPA 101 and ADA upgrades. The renewal forecast is shown below:

Figure 3: Current and Forecasted Needs Summarized by Reporting Period: Coos Campus



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Table 2: Expired Systems 2017

Building	System Category	System	Priority	2017 Needs
B-2	Electrical	Branch Wiring	High	\$16,546
B-2	Electrical	Lighting	Medium	\$16,546
B-2	Exterior Enclosure	Exterior Doors	Medium	\$3,510
B-2	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$5,327
Coaledo Hall	Electrical	Branch Wiring	High	\$88,069
Coaledo Hall	Electrical	Lighting	Medium	\$88,069
Coaledo Hall	Electrical	Service Distribution	High	\$27,660
Coaledo Hall	Exterior Enclosure	Exterior Doors	Medium	\$17,028
Coaledo Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$15,558
Coaledo Hall	HVAC	Distribution System	Medium	\$118,609
Coaledo Hall	Interior Construction	Specialties	Low	\$121,791
Coaledo Hall	Interior Construction	Toilet Partitions	Low	\$8,820
Coaledo Hall	Interiors	Ceiling Finishes	Low	\$116,304
Coaledo Hall	Plumbing	Domestic Water Distribution	Medium	\$50,037
Coaledo Hall	Plumbing	Sanitary Waste	Medium	\$266,319
Dellwood Hall	Electrical	Branch Wiring	High	\$80,942
Dellwood Hall	Electrical	Lighting	Medium	\$80,942
Dellwood Hall	Electrical	Service Distribution	High	\$53,012
Dellwood Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$46,356
Dellwood Hall	Exterior Enclosure	Exterior Windows	Medium	\$57,238
Dellwood Hall	Fire Protection	Fire Alarms	High	\$39,966
Dellwood Hall	Interior Construction	Specialties	Low	\$23,796
Dellwood Hall	Interior Construction	Toilet Partitions	Low	\$8,820
Dellwood Hall	Plumbing	Domestic Water Distribution	Medium	\$6,248
Dellwood Hall	Plumbing	Plumbing Fixtures	Medium	\$26,552
Dellwood Hall	Plumbing	Sanitary Waste	Medium	\$26,552
Eden Hall	Electrical	Lighting	Medium	\$83,752
Eden Hall	Exterior Enclosure	Exterior Doors	Medium	\$8,839
Eden Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$26,965
Eden Hall	Exterior Enclosure	Exterior Windows	Medium	\$54,912
Eden Hall	Fire Protection	Fire Alarms	High	\$38,840
Eden Hall	HVAC	Controls and Instrumentation	Medium	\$33,126
Eden Hall	HVAC	Distribution System	Medium	\$131,878
Eden Hall	Interiors	Ceiling Finishes	Low	\$89,020
Eden Hall	Plumbing	Domestic Water Distribution	Medium	\$36,072
Eden Hall	Plumbing	Plumbing Fixtures	Medium	\$118,663
Eden Hall	Plumbing	Sanitary Waste	Medium	\$118,663
Empire Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$78,086
Empire Hall	Fire Protection	Fire Alarms	High	\$93,317
Empire Hall	Interior Construction	Specialties	Low	\$16,738
Fairview Hall	Electrical	Lighting	Medium	\$70,781
Fairview Hall	Exterior Enclosure	Exterior Doors	Medium	\$9,217
Fairview Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$45,578
Fairview Hall	HVAC	Distribution System	Medium	\$67,168
Fairview Hall	HVAC	Terminal & Package Units	Medium	\$120,736
Fairview Hall	Interior Construction	Interior Doors	Medium	\$16,640
Fairview Hall	Interior Construction	Specialties	Low	\$34,143
Fairview Hall	Interior Construction	Toilet Partitions	Low	\$7,056
Fairview Hall	Interiors	Ceiling Finishes	Low	\$58,624
Fairview Hall	Interiors	Floor Finishes	Low	\$21,538
Fairview Hall	Interiors	Wall Finishes	Low	\$43,163
Fairview Hall	Plumbing	Domestic Water Distribution	Medium	\$60,972
Fairview Hall	Plumbing	Sanitary Waste	Medium	\$94,929
Family Center	Exterior Enclosure	Exterior Walls (Finishes)	Medium	\$23,467
Family Center	Fire Protection	Fire Alarms	High	\$24,717
Family Center	HVAC	Terminal & Package Units	Medium	\$117,164
Infrastructure	Site Infrastructure	Pedestrian Pavements	Low	\$316,800
Infrastructure	Site Infrastructure	Pedestrian Pavements	Low	\$3,300
Infrastructure	Site Infrastructure	Vehicular Pavements	Low	\$800,800
Infrastructure	Site Infrastructure	Vehicular Pavements	Low	\$234,240



Building	System Category	System	Priority	2017 Needs
Lampa Hall	Electrical	Branch Wiring	High	\$32,463
Lampa Hall	Electrical	Lighting	Medium	\$32,463
Lampa Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$11,202
Lampa Hall	Exterior Enclosure	Exterior Windows	Medium	\$22,956
Lampa Hall	Fire Protection	Fire Alarms	High	\$16,029
Lampa Hall	HVAC	Terminal & Package Units	Medium	\$69,569
Lampa Hall	Interior Construction	Toilet Partitions	Low	\$5,292
Lampa Hall	Plumbing	Domestic Water Distribution	Medium	\$17,245
Lampa Hall	Plumbing	Plumbing Fixtures	Medium	\$14,334
Lampa Hall	Plumbing	Sanitary Waste	Medium	\$10,649
OCCI	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$21,316
OCCI	Interiors	Wall Finishes	Low	\$48,004
Prosper Hall	Electrical	Branch Wiring	High	\$197,736
Prosper Hall	Electrical	Lighting	Medium	\$65,256
Prosper Hall	Electrical	Service Distribution	Medium	\$48,864
Prosper Hall	Equipment & Furnishing	Institutional Equipment	Low	\$272,172
Prosper Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$88,867
Prosper Hall	Fire Protection	Fire Alarms	High	\$110,135
Prosper Hall	Fire Protection	Sprinklers & Standpipe	High	\$192,419
Prosper Hall	HVAC	Controls and Instrumentation	Medium	\$47,265
Prosper Hall	HVAC	Distribution System	Medium	\$217,737
Prosper Hall	HVAC	Terminal & Package Units	Medium	\$230,143
Prosper Hall	Interior Construction	Specialties	Low	\$37,471
Prosper Hall	Interiors	Wall Finishes	Low	\$119,246
Prosper Hall	Plumbing	Domestic Water Distribution	Medium	\$208,370
Prosper Hall	Plumbing	Sanitary Waste	Medium	\$189,381
Randolph Hall	Electrical	Branch Wiring	High	\$110,823
Randolph Hall	Electrical	Lighting	Medium	\$110,823
Randolph Hall	Electrical	Service Distribution	High	\$48,864
Randolph Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$38,241
Randolph Hall	Interiors	Wall Finishes	Low	\$22,265
Recreation Center	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$135,232
Sitkum Hall	Electrical	Branch Wiring	High	\$94,130
Sitkum Hall	Electrical	Lighting	Medium	\$94,130
Sitkum Hall	Electrical	Service Distribution	High	\$59,007
Sitkum Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$30,306
Sitkum Hall	Interiors	Wall Finishes	Low	\$28,701
Stensland Hall	Fire Protection	Fire Alarms	Medium	\$59,857
Stensland Hall	HVAC	Terminal & Package Units	Medium	\$201,601
Stensland Hall	Interiors	Wall Finishes	Low	\$39,354
Sumner Hall	Electrical	Lighting	Medium	\$77,584
Sumner Hall	Electrical	Other Electrical Services	High	\$8,271
Sumner Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$24,979
Sumner Hall	Exterior Enclosure	Exterior Windows	Medium	\$50,868
Sumner Hall	Fire Protection	Fire Alarms	Medium	\$35,984
Sumner Hall	HVAC	Controls and Instrumentation	Medium	\$30,686
Sumner Hall	HVAC	Terminal & Package Units	Medium	\$113,484
Sumner Hall	Interior Construction	Specialties	Low	\$72,042
Sumner Hall	Interior Construction	Toilet Partitions	Low	\$12,348
Sumner Hall	Plumbing	Domestic Water Distribution	Medium	\$33,416
Sumner Hall	Plumbing	Plumbing Fixtures	Medium	\$109,924
Sumner Hall	Plumbing	Sanitary Waste	Medium	\$109,924
Sunset Hall	Electrical	Lighting	Medium	\$62,876
Sunset Hall	Exterior Enclosure	Exterior Doors	Medium	\$6,636
Sunset Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$20,244
Sunset Hall	Exterior Enclosure	Exterior Windows	Medium	\$41,225
Sunset Hall	Fire Protection	Fire Alarms	Medium	\$29,159
Sunset Hall	HVAC	Controls and Instrumentation	Medium	\$24,869
Sunset Hall	HVAC	Terminal & Package Units	Medium	\$129,372
Sunset Hall	Interiors	Wall Finishes	Low	\$19,171

Building	System Category	System	Priority	2017 Needs
Tioga Hall	Conveying	Conveying Systems	Medium	\$170,618
Tioga Hall	Electrical	Branch Wiring	High	\$515,548
Tioga Hall	Electrical	Lighting	Medium	\$568,368
Tioga Hall	Exterior Enclosure	Exterior Doors	Medium	\$22,168
Tioga Hall	Exterior Enclosure	Exterior Walls (Finishes)	Low	\$178,268
Tioga Hall	Exterior Enclosure	Exterior Windows	Medium	\$94,276
Tioga Hall	Fire Protection	Sprinklers & Standpipe	High	\$371,393
Tioga Hall	HVAC	Controls and Instrumentation	Medium	\$101,802
Tioga Hall	HVAC	Distribution System	Medium	\$367,892
Tioga Hall	Interior Construction	Interior Doors	Medium	\$190,373
Tioga Hall	Interior Construction	Specialties	Low	\$88,029
Tioga Hall	Interiors	Ceiling Finishes	Low	\$630,542
Tioga Hall	Interiors	Floor Finishes	Low	\$326,275
Tioga Hall	Interiors	Wall Finishes	Low	\$60,523
Total:				\$12,609,582

The following table shows the total requirements for expired systems and those expected to be expired between now and the Year 2037.

*Table 3: Current and Forecasted Needs Summarized by System: Coos Campus*

<b>System</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>Total:</b>	<b>\$12,609,582</b>	<b>\$829,805</b>	<b>\$39,462</b>	<b>\$1,828,652</b>	<b>\$1,467,623</b>
<b>Exterior Enclosure</b>	<b>\$1,178,868</b>	<b>\$8,188</b>	<b>\$27,091</b>	<b>\$174,133</b>	<b>\$46,615</b>
Exterior Walls (Finishes)	\$789,994	\$0	\$0	\$0	\$0
Exterior Windows	\$321,475	\$0	\$0	\$146,342	\$0
Exterior Doors	\$67,399	\$8,188	\$27,091	\$22,402	\$41,225
Maintenance Roll-up Door	\$0	\$0	\$0	\$5,390	\$5,390
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$180,908</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$180,908
<b>Interior Construction</b>	<b>\$643,360</b>	<b>\$0</b>	<b>\$0</b>	<b>\$278,698</b>	<b>\$31,752</b>
Interior Doors	\$207,013	\$0	\$0	\$161,303	\$0
Specialties	\$394,010	\$0	\$0	\$76,822	\$0
Toilet Partitions	\$42,336	\$0	\$0	\$40,572	\$31,752
<b>Interiors</b>	<b>\$1,622,731</b>	<b>\$419,998</b>	<b>\$12,372</b>	<b>\$520,972</b>	<b>\$88,744</b>
Ceiling Finishes	\$894,490	\$100,051	\$0	\$223,980	\$88,744
Floor Finishes	\$347,814	\$319,947	\$0	\$94,041	\$0
Wall Finishes	\$380,428	\$0	\$12,372	\$202,950	\$0
<b>Conveying</b>	<b>\$170,618</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,840</b>	<b>\$0</b>
Conveying Systems	\$170,618	\$0	\$0	\$56,840	\$0
<b>Plumbing</b>	<b>\$1,498,249</b>	<b>\$0</b>	<b>\$0</b>	<b>\$448,255</b>	<b>\$0</b>
Domestic Water Distribution	\$412,358	\$0	\$0	\$119,396	\$0
Plumbing Fixtures	\$269,473	\$0	\$0	\$328,859	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$816,417	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$2,123,102</b>	<b>\$235,455</b>	<b>\$0</b>	<b>\$136,282</b>	<b>\$739,718</b>
Controls and Instrumentation	\$237,749	\$0	\$0	\$0	\$39,652
Cooling Generation	\$0	\$0	\$0	\$0	\$60,884
Distribution System	\$903,285	\$0	\$0	\$0	\$137,201
Terminal & Package Units	\$982,069	\$235,455	\$0	\$136,282	\$501,981
<b>Fire Protection</b>	<b>\$1,011,815</b>	<b>\$0</b>	<b>\$0</b>	<b>\$73,012</b>	<b>\$167,596</b>
Fire Alarms	\$448,003	\$0	\$0	\$73,012	\$167,596
Sprinklers & Standpipe	\$563,812	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$2,733,527</b>	<b>\$166,164</b>	<b>\$0</b>	<b>\$140,460</b>	<b>\$212,291</b>
Branch Wiring	\$1,136,257	\$0	\$0	\$140,460	\$0
Lighting	\$1,351,591	\$0	\$0	\$0	\$173,763
Service Distribution	\$237,407	\$111,143	\$0	\$0	\$0
Other Electrical Services	\$8,271	\$55,021	\$0	\$0	\$38,528
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Equipment	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$272,172</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$272,172	\$0	\$0	\$0	\$0
<b>Site Infrastructure</b>	<b>\$1,355,140</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Pedestrian Pavements	\$320,100	\$0	\$0	\$0	\$0
Vehicular Pavements	\$1,035,040	\$0	\$0	\$0	\$0

Table 3: Current and Forecasted Needs Summarized by System: Coos Campus

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$1,786,230</b>	<b>\$256,791</b>	<b>\$414,121</b>	<b>\$2,267,089</b>	<b>\$2,065,222</b>
<b>Exterior Enclosure</b>	<b>\$131,401</b>	<b>\$0</b>	<b>\$6,154</b>	<b>\$61,684</b>	<b>\$175,429</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$116,977	\$0	\$0	\$38,126	\$156,172
Exterior Doors	\$14,424	\$0	\$6,154	\$23,557	\$13,867
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$5,390
<b>Roofing</b>	<b>\$0</b>	<b>\$27,658</b>	<b>\$0</b>	<b>\$239,752</b>	<b>\$228,028</b>
Roof Coverings	\$0	\$27,658	\$0	\$239,752	\$228,028
<b>Interior Construction</b>	<b>\$246,628</b>	<b>\$155,896</b>	<b>\$7,056</b>	<b>\$92,654</b>	<b>\$90,886</b>
Interior Doors	\$180,683	\$155,896	\$0	\$64,430	\$61,735
Specialties	\$4,205	\$0	\$0	\$0	\$20,331
Toilet Partitions	\$61,740	\$0	\$7,056	\$28,224	\$8,820
<b>Interiors</b>	<b>\$613,068</b>	<b>\$37,917</b>	<b>\$400,911</b>	<b>\$97,706</b>	<b>\$189,974</b>
Ceiling Finishes	\$149,295	\$37,917	\$0	\$97,706	\$68,194
Floor Finishes	\$272,617	\$0	\$400,911	\$0	\$121,780
Wall Finishes	\$191,156	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$21,560</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$21,560	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$213,052</b>	<b>\$0</b>	<b>\$0</b>	<b>\$687,656</b>	<b>\$0</b>
Domestic Water Distribution	\$27,081	\$0	\$0	\$55,591	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$449,192	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$185,971	\$0	\$0	\$182,873	\$0
<b>HVAC</b>	<b>\$51,050</b>	<b>\$0</b>	<b>\$0</b>	<b>\$507,066</b>	<b>\$1,080,004</b>
Controls and Instrumentation	\$51,050	\$0	\$0	\$62,270	\$142,938
Cooling Generation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$120,856	\$0
Terminal & Package Units	\$0	\$0	\$0	\$323,940	\$937,066
<b>Fire Protection</b>	<b>\$43,930</b>	<b>\$0</b>	<b>\$0</b>	<b>\$294,062</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$294,062	\$0
Sprinklers & Standpipe	\$43,930	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$432,492</b>	<b>\$13,760</b>	<b>\$0</b>	<b>\$286,509</b>	<b>\$300,901</b>
Branch Wiring	\$141,563	\$0	\$0	\$129,070	\$0
Lighting	\$170,322	\$0	\$0	\$157,438	\$300,901
Service Distribution	\$120,607	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$13,760	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Equipment	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$54,608</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$54,608	\$0	\$0	\$0	\$0
<b>Site Infrastructure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Pedestrian Pavements	\$0	\$0	\$0	\$0	\$0
Vehicular Pavements	\$0	\$0	\$0	\$0	\$0


Table 3: Current and Forecasted Needs Summarized by System: Coos Campus

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$330,017</b>	<b>\$607,138</b>	<b>\$118,666</b>	<b>\$1,086,036</b>	<b>\$1,218,874</b>
<b>Exterior Enclosure</b>	<b>\$49,114</b>	<b>\$0</b>	<b>\$0</b>	<b>\$103,224</b>	<b>\$66,640</b>
Exterior Walls (Finishes)	\$41,556	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$103,224	\$66,640
Exterior Doors	\$7,559	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$501,060</b>	<b>\$0</b>	<b>\$91,981</b>	<b>\$0</b>
Roof Coverings	\$0	\$501,060	\$0	\$91,981	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$171,892</b>	<b>\$120,168</b>
Interior Doors	\$0	\$0	\$0	\$86,534	\$101,675
Specialties	\$0	\$0	\$0	\$85,358	\$18,493
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$44,813</b>	<b>\$106,078</b>	<b>\$118,666</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$44,813	\$8,794	\$0	\$0	\$0
Floor Finishes	\$0	\$97,284	\$118,666	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,840</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$56,840	\$0
<b>Plumbing</b>	<b>\$194,837</b>	<b>\$0</b>	<b>\$0</b>	<b>\$477,194</b>	<b>\$341,090</b>
Domestic Water Distribution	\$20,058	\$0	\$0	\$40,542	\$109,406
Plumbing Fixtures	\$87,390	\$0	\$0	\$214,198	\$115,842
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$87,390	\$0	\$0	\$222,453	\$115,842
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$172,325</b>	<b>\$604,094</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$278,543
Terminal & Package Units	\$0	\$0	\$0	\$172,325	\$325,552
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$41,252</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,579</b>	<b>\$86,881</b>
Branch Wiring	\$41,252	\$0	\$0	\$0	\$86,881
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$12,579	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Equipment	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$0	\$0	\$0	\$0	\$0
<b>Site Infrastructure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Pedestrian Pavements	\$0	\$0	\$0	\$0	\$0
Vehicular Pavements	\$0	\$0	\$0	\$0	\$0

Table 3: Current and Forecasted Needs Summarized by System: Coos Campus

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$370,641</b>	<b>\$135,066</b>	<b>\$0</b>	<b>\$1,175,143</b>	<b>\$2,142,724</b>	<b>\$178,873</b>
<b>Exterior Enclosure</b>	<b>\$40,915</b>	<b>\$2,712</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$30,135	\$2,712	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$10,780	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$155,421</b>	<b>\$35,853</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$155,421	\$35,853	\$0
<b>Interior Construction</b>	<b>\$91,953</b>	<b>\$7,788</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$77,770</b>
Interior Doors	\$33,569	\$7,788	\$0	\$0	\$0	\$0
Specialties	\$58,385	\$0	\$0	\$0	\$0	\$77,770
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$137,189</b>	<b>\$0</b>	<b>\$44,661</b>
Ceiling Finishes	\$0	\$0	\$0	\$137,189	\$0	\$44,661
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,840</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$56,840	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$513,940</b>	<b>\$893,458</b>	<b>\$44,908</b>
Domestic Water Distribution	\$0	\$0	\$0	\$67,809	\$317,083	\$8,554
Plumbing Fixtures	\$0	\$0	\$0	\$223,065	\$288,187	\$36,354
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$223,065	\$288,187	\$0
<b>HVAC</b>	<b>\$237,773</b>	<b>\$124,566</b>	<b>\$0</b>	<b>\$46,493</b>	<b>\$723,184</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$124,566	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$46,493	\$723,184	\$0
Terminal & Package Units	\$237,773	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$322,100</b>	<b>\$433,389</b>	<b>\$11,535</b>
Branch Wiring	\$0	\$0	\$0	\$241,190	\$300,901	\$0
Lighting	\$0	\$0	\$0	\$0	\$132,487	\$0
Service Distribution	\$0	\$0	\$0	\$80,910	\$0	\$11,535
Other Electrical Services	\$0	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Site Infrastructure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Pedestrian Pavements	\$0	\$0	\$0	\$0	\$0	\$0
Vehicular Pavements	\$0	\$0	\$0	\$0	\$0	\$0

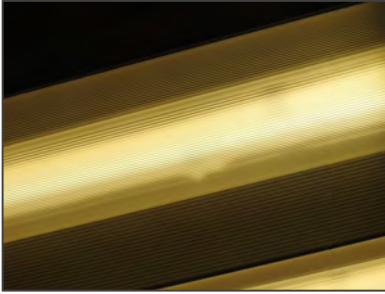
## B-2

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1974	1,800	\$41,930	11	\$62,739	16
Construction Type	Pre-Engineered						
Roof Type	Standing Seam Metal						
Ceiling Type	Acoustical Tile and Painted Surfaces						
Lighting	Fluorescent						
HVAC	Electric Unit Heaters						
Elevator	No						
Fire Sprinkler	No						
Fire Alarm	No						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

### Condition Summary

- Exterior hollow core metal doors were observed to have rusting hardware, frames, and slabs.
- The exterior maintenance roll-up door was found to be in fair condition. The metal panels on the door are damaged, and the threshold was found to be rusted.
- Branch wiring is original and beyond its expected useful life. It is recommended that an InfraRed assessment be performed on the electrical system before the systems useful life is extended.



## Electrical

Light fixtures which are still utilizing T-12 lamps are at the end of their useful life. T-12 bulbs and fixtures are obsolete. Replacement of these bulbs are expensive and difficult to order.



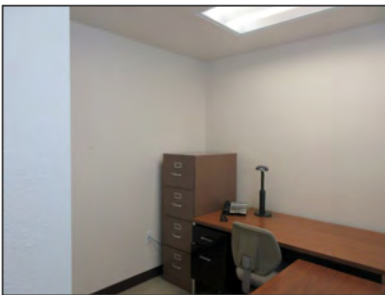
## Electrical

The electrical system appears to be mostly original. Although functional, the electrical system is beyond the average service life as predicted by BOMA. It is recommended that an InfraRed assessment be performed on the electrical system before the systems useful life is extended. The system should be reassessed in three to five years.



## Exterior Enclosure

The hollow core metal doors were found to be in fair condition. Rust was observed on the door hardware and slabs. Renewal of protective coatings are recommended.



## Interiors

The painted wall finishes were observed to be in overall good condition. No Issues were observed or reported.



Table 4: Forecasted Needs Summarized by System: B-2

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$41,930</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,436</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$8,838</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,390</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$5,327	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$3,510	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$5,390	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,045</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$5,045	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$1	\$0
<b>Electrical</b>	<b>\$33,093</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$16,546	\$0	\$0	\$0	\$0
Lighting	\$16,546	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 4: Forecasted Needs Summarized by System: B-2

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$10,372</b>	<b>\$0</b>	<b>\$12,471</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,471</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$12,471	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$10,372</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$10,372	\$0	\$0	\$0	\$0


Table 4: Forecasted Needs Summarized by System: B-2

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$8,794</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$8,794</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$8,794	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 4: Forecasted Needs Summarized by System: B-2

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$10,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$2,712</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$2,712	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$7,788</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$7,788	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0

# Coaledo Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1965	9,800	\$918,265	35	\$1,176,898	45
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile						
Lighting	Fluorescent						
HVAC	Electric Heaters with Outside Air Intakes						
Elevator	No						
Fire Sprinkler	No						
Fire Alarm	No						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The solid wood exterior doors were found to be in fair condition. The door finishes are faded.
- Exterior vents were found to be in poor condition. Vents were heavily corroded, and paint is chipped and brittle.
- The laboratories have original fume hoods with corrosion observed. They are beyond their expected useful life. Roof mounted exhaust fans serve the building.
- The electrical distribution system is original and beyond its expected useful life. Federal Pacific panels are obsolete and have a history of faulty breakers resulting in an over current and fire hazard.



## Exterior Enclosure

The solid wood doors were found to be in fair to poor condition. Varnish was found to be faded and discolored.



## Interior Construction

The metal toilet partitions were found to be in poor condition. Partitions were observed to have rust spots and hardware difficult to operate. The toilet partitions paint was faded and chipped in many spots.



## Electrical

Federal Pacific electrical panels are obsolete and no longer serviceable. This equipment has documented safety issues and their replacement should be a high priority.



## HVAC

The science lab fume hoods were found to be in poor condition, are expired due to their condition and age.

Table 5: Forecasted Needs Summarized by System: Coaledo Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$918,265</b>	<b>\$0</b>	<b>\$12,372</b>	<b>\$146,669</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$32,587</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$15,558	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$17,028	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$130,611</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,388</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$10,388	\$0
Specialties	\$121,791	\$0	\$0	\$0	\$0
Toilet Partitions	\$8,820	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$116,304</b>	<b>\$0</b>	<b>\$12,372</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$116,304	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$12,372	\$0	\$0
<b>Plumbing</b>	<b>\$316,356</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$50,037	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$266,319	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$118,609</b>	<b>\$0</b>	<b>\$0</b>	<b>\$136,281</b>	<b>\$0</b>
Distribution System	\$118,609	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$136,281	\$0
<b>Electrical</b>	<b>\$203,797</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$88,069	\$0	\$0	\$0	\$0
Lighting	\$88,069	\$0	\$0	\$0	\$0
Service Distribution	\$27,660	\$0	\$0	\$0	\$0

Table 5: Forecasted Needs Summarized by System: Coaledo Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$99,593</b>	<b>\$0</b>	<b>\$0</b>	<b>\$266,319</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$38,608</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$38,608	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$60,985</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$60,985	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$266,319</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$266,319	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0




Table 5: Forecasted Needs Summarized by System: Coaledo Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$103,020</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$103,020</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$103,020	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 5: Forecasted Needs Summarized by System: Coaledo Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Distribution System	\$0	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0

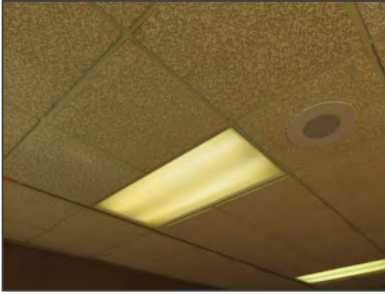
# Dellwood Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1965	9,375	\$450,423	24	\$575,648	30
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile						
Lighting	Fluorescent						
HVAC	Package Units						
Elevator	No						
Fire Sprinkler	No						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The wood window frames were found to be in poor condition. The finishes were observed to be brittle and chipped.
- The single-ply membrane roof was found to be in good condition. No issues were observed or reported.
- The roof gutters were observed to be cluttered with leaves and other vegetation and should be cleaned out to obtain optimal functionality.
- The electrical distribution system is original and beyond its expected useful life. Federal Pacific panels are obsolete and have a history of faulty breakers resulting in an over current and fire hazard.
- The water distribution piping is original and at the end of its expected useful life. Periodic acid flush, pressure wash and selective replacements are recommended to lower risk of failure. Flush valves have been replaced and were observed in good condition. Replacement of the fixtures with a low-flo design will increase the efficiency. The building has two water heaters which are in fair condition; however, they too are close to end of their lifecycles and should be monitored for replacement.



### **Electrical**

Light fixtures have T-12 fluorescent lamps and the diffusers are opaque, making the light quality deficient for the building use.



### **Exterior Enclosure**

The single pane wood framed windows were found to be in fair condition. The frames paint is deteriorated. The exposed wood was observed to have deterioration throughout.



### **Exterior Enclosure**

The solid wood doors were found to be in fair to poor condition. Varnish was found to be faded and discolored.



### **Fire Protection**

The fire alarm and detection system is expired due to age.

Table 6: Forecasted Needs Summarized by System: Dellwood Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$450,423</b>	<b>\$0</b>	<b>\$0</b>	<b>\$110,801</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$103,594</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$46,356	\$0	\$0	\$0	\$0
Exterior Windows	\$57,238	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$32,616</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$23,796	\$0	\$0	\$0	\$0
Toilet Partitions	\$8,820	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$110,801</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$94,539	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$16,262	\$0
<b>Plumbing</b>	<b>\$59,351</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$6,248	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$26,552	\$0	\$0	\$0	\$0
Sanitary Waste	\$26,552	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$39,966</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$39,966	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$214,896</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$80,942	\$0	\$0	\$0	\$0
Lighting	\$80,942	\$0	\$0	\$0	\$0
Service Distribution	\$53,012	\$0	\$0	\$0	\$0

Table 6: Forecasted Needs Summarized by System: Dellwood Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$14,424</b>	<b>\$0</b>	<b>\$116,314</b>	<b>\$31,247</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$14,424</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$14,424	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$31,247</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$31,247	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$116,314</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$116,314	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 6: Forecasted Needs Summarized by System: Dellwood Hall


System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$80,163</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$80,163</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$80,163	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 6: Forecasted Needs Summarized by System: Dellwood Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$237,773</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$237,773</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$237,773	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0



# Eden Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1982	9,111	\$740,732	41	\$843,080	47
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile						
Lighting	Fluorescent						
HVAC	Package Units						
Elevator	No						
Fire Sprinkler	Yes						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- Stucco siding was found to be in poor condition. Cracks, biological growth, and blistered paint were observed throughout.
- Hollow core metal exterior doors were found to be in fair to good condition. There were a few doors observed to have minor rusting.
- The exterior covered walkway was observed to be in poor condition. The clear plastic covering was found to be faded and cracked. The metal structure was found to be rusted and the paint heavily deteriorated.
- The domestic water piping is original and beyond its expected useful life. There are no reported leaks and the system seems to work as intended but should be scheduled for replacement.
- While the package units were updated in 2010, most of the distribution system and HVAC controls are original and beyond their expected useful life. Distribution system should be cleaned and inspected to assure useful life.



## **Exterior Enclosure**

The double pane windows were found to be in poor condition. The window gaskets are failing resulting in foggy windows.



## **Interiors**

The combination of painted surfaces and suspended acoustical tile ceiling was found to be in overall fair condition. The ceilings should be replaced with other projects due for renewal.



## **Electrical**

The interior lighting was found to be in fair to poor condition. Diffusers were found to be cloudy and discolored



## **HVAC**

The HVAC controls are Honeywell, original to the building construction date, and their replacement is recommended.

Table 7: Forecasted Needs Summarized by System: Eden Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$740,732</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$90,716</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$26,965	\$0	\$0	\$0	\$0
Exterior Windows	\$54,912	\$0	\$0	\$0	\$0
Exterior Doors	\$8,839	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$89,020</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$89,020	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$273,399</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$36,072	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$118,663	\$0	\$0	\$0	\$0
Sanitary Waste	\$118,663	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$165,004</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$33,126	\$0	\$0	\$0	\$0
Distribution System	\$131,878	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$38,840</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$38,840	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$83,752</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$83,752	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 7: Forecasted Needs Summarized by System: Eden Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$102,349</b>	<b>\$0</b>	<b>\$70,182</b>	<b>\$76,079</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$76,079</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$76,079	\$0
<b>Interior Construction</b>	<b>\$32,883</b>	<b>\$0</b>	<b>\$7,056</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$32,883	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$7,056	\$0	\$0
<b>Interiors</b>	<b>\$25,536</b>	<b>\$0</b>	<b>\$63,126</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$63,126	\$0	\$0
Wall Finishes	\$25,536	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$43,930</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$43,930	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 7: Forecasted Needs Summarized by System: Eden Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$172,325</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$172,325</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$172,325	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 7: Forecasted Needs Summarized by System: Eden Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$83,752</b>	<b>\$0</b>	<b>\$77,770</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$77,770</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$77,770
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$83,752</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$83,752	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0

# Empire Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		2001	21,890	\$188,141	5	\$1,538,631	37
Construction Type	Multi-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile and Painted Surfaces						
Lighting	Fluorescent						
HVAC	Packaged Terminal Air Conditioners with Electric Heat						
Elevator	Yes						
Fire Sprinkler	Yes						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The exterior enclosures, exterior finishes, and roof coverings are in fair condition. The current maintenance has been successful for the architectural systems upkeep.
- The ceiling finishes, while in fair condition, need to be scheduled for replacement soon since they are approaching the end of their useful life as defined by BOMA.
- The rainwater drainage is original and in good condition. Some drains need to be cleaned, but there are no immediate concerns.
- The sewer system is original to the building construction date and includes a sump pump that does not have reported issues, and a grease trap that was reported to be insufficient for the building needs.
- Most HVAC units utilize R-22 refrigerant. R-22 will soon be obsolete and recycled units are sold at a premium cost. While the choice to recharge leaky equipment may come down to economics (recharge vs. new unit) this choice may come down to service demands. The leaking units would likely continue to require routine servicing, with increasingly more expensive recharges



## Electrical

The lighting equipment for the building consists of LED, florescent fixtures, high intensity discharge lamps, and a few incandescent fixtures in service areas. Most of the system is in good condition.



## Exterior Enclosure

The painted stucco and tongue and groove finishes were found to be in fair to poor condition. Cracks and discoloration were observed throughout.



## HVAC

The oldest part of the building has a large air handling unit, which looks to be in poor condition. 2001 units are in fair condition, However; these units use R-22 refrigerant.



## Interiors

The 1'X1' acoustical ceiling tiles in the facility are beyond their service life. 1'x1' acoustical tiles and their adhesives have been known to contain asbestos.



Table 8: Forecasted Needs Summarized by System: Empire Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$188,141</b>	<b>\$0</b>	<b>\$0</b>	<b>\$130,215</b>	<b>\$1,220,275</b>
<b>Exterior Enclosure</b>	<b>\$78,086</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,390</b>
Exterior Walls (Finishes)	\$78,086	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$5,390
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$180,908</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$180,908
<b>Interior Construction</b>	<b>\$16,738</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$31,752</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$16,738	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$31,752
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$130,215</b>	<b>\$88,744</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$88,744
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$130,215	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$739,718</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$39,652
Cooling Generation	\$0	\$0	\$0	\$0	\$60,884
Distribution System	\$0	\$0	\$0	\$0	\$137,201
Terminal & Package Units	\$0	\$0	\$0	\$0	\$501,981
<b>Fire Protection</b>	<b>\$93,317</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$93,317	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$173,763</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$173,763
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 8: Forecasted Needs Summarized by System: Empire Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$0</b>	<b>\$50,825</b>	<b>\$150,522</b>	<b>\$0</b>	<b>\$252,105</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$170,039</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$156,172
Exterior Doors	\$0	\$0	\$0	\$0	\$13,867
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$50,825</b>	<b>\$0</b>	<b>\$0</b>	<b>\$82,066</b>
Interior Doors	\$0	\$50,825	\$0	\$0	\$61,735
Specialties	\$0	\$0	\$0	\$0	\$20,331
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,522</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$150,522	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0


Table 8: Forecasted Needs Summarized by System: Empire Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$706,514</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$341,090</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$109,406
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$115,842
Sanitary Waste	\$0	\$0	\$0	\$0	\$115,842
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$278,543</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$278,543
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$86,881</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$86,881
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 8: Forecasted Needs Summarized by System: Empire Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$92,693</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,853</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$35,853	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,840</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$56,840	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0

# Fairview Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1982	15,400	\$650,545	20	\$814,294	25
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile						
Lighting	Fluorescent and High Intensity Discharge						
HVAC	Air Handling Units and Unit Heaters						
Elevator	No						
Fire Sprinkler	No						
Fire Alarm	No						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

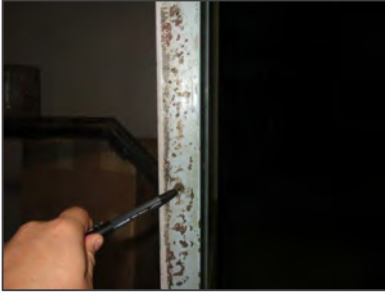
## Condition Summary

- The interior resilient flooring and cove base was found to be in poor condition. Resilient flooring was cracked, discolored, and deteriorated.
- The metal interior doors were found to be in poor to fair condition. Doors were observed to have rust and paint chipping throughout.
- The exterior covered walkway was observed to be in poor condition. The clear plastic covering was found to be faded and cracked. The metal structure was found to be rusted and the paint heavily deteriorated.
- The distribution system for this building is primarily comprised of major vent hoods in the shop. The system is in fair condition but has reached the end of its useful life.
- Branch wiring is original and beyond its expected useful life. It is recommended that an InfraRed assessment be performed on the electrical system before the systems useful life is extended.



## Electrical

Light fixtures use T-12 lamps and metal halide. Some diffusers are damaged and the system should be scheduled for replacement.



## Interior Construction

The metal hollow core interior doors were found to be in fair to poor condition. Doors were observed to be rusted and the finish deteriorated.



## Interiors

The painted wall finish was found to be in poor condition. Cracks and peeling in the paint were found throughout.



## Plumbing

Plumbing fixtures look to have been updated in the late 2000's and are in good condition. Periodic acid flush, pressure wash and selective replacements are recommended to lower risk of failure. Flush valves have been replaced and were observed in good condition. Replacement of the fixtures with a low-flow design will increase the efficiency.

Table 9: Forecasted Needs Summarized by System: Fairview Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$650,545</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$54,795</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$45,578	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$9,217	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$57,840</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$16,640	\$0	\$0	\$0	\$0
Specialties	\$34,143	\$0	\$0	\$0	\$0
Toilet Partitions	\$7,056	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$123,325</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$58,624	\$0	\$0	\$0	\$0
Floor Finishes	\$21,538	\$0	\$0	\$0	\$0
Wall Finishes	\$43,163	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$155,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$60,972	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$94,929	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$187,904</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Distribution System	\$67,168	\$0	\$0	\$0	\$0
Terminal & Package Units	\$120,736	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$70,781</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$70,781	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 9: Forecasted Needs Summarized by System: Fairview Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$163,748</b>	<b>\$21,560</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$21,560</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$21,560	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$163,748</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$141,563	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$22,185	\$0	\$0	\$0	\$0




Table 9: Forecasted Needs Summarized by System: Fairview Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$97,482</b>	<b>\$0</b>	<b>\$125,113</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$97,482</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$97,482	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,113</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$125,113	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 9: Forecasted Needs Summarized by System: Fairview Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$40,915</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$40,915</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$30,135	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$10,780	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Distribution System	\$0	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0

# Family Center

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1997	5,798	\$165,347	13	\$258,021	20
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Standing Seam Metal						
Ceiling Type	Acoustical Tile and Painted Surfaces						
Lighting	Fluorescent						
HVAC	Heat Pumps						
Elevator	No						
Fire Sprinkler	No						
Fire Alarm	No						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The building has not had major updates since its original construction. Most systems show normal wear and are in fair to good condition. Most systems will expire due to age in 3-5 years. A reassessment is recommended to established what systems can be extended.
- Most HVAC units utilize R-22 refrigerant. R-22 will soon be obsolete and recycled units are sold at a premium cost. While the choice to recharge leaky equipment may come down to economics (recharge vs. new unit) this choice may come down to service demands. The leaking units would likely continue to require routine servicing, with increasingly more expensive recharges
- The domestic water piping is original to the building construction date with no reported issues. The electric water heater was installed in 2015 and is in good condition.
- Fire alarm system is beyond its recommended useful life. This system is inspected on a yearly basis and should be considered for replacement due to an elevated risk of failure and obsolete components based on age. Smoke detectors and pull stations observed to be mounted correctly and in all necessary areas.



## Electrical

The electrical service and distribution system is original to the building construction date with no reported issues.



## Exterior Enclosure

The double pane metal framed windows were observed to be in good condition. No issues observed or reported. Finishes should be scheduled for renewal.



## HVAC

The split DX condensing units were original to the building and past their useful life as defined by BOMA. There were no reported issues; however, these units should be monitored for replacement. Units use R-22 refrigerant.



## Interiors

The combination of carpet and resilient flooring was observed to be in good condition. No issues were observed or reported.

Table 10: Forecasted Needs Summarized by System: Family Center

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$165,347</b>	<b>\$0</b>	<b>\$0</b>	<b>\$21,251</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$23,467</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$23,467	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$21,251</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$21,251	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$117,164</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$117,164	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$24,717</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$24,717	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 10: Forecasted Needs Summarized by System: Family Center

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$71,423</b>	<b>\$0</b>	<b>\$0</b>	<b>\$71,310</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$38,126</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$38,126	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$4,205</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,183</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$33,183	\$0
Specialties	\$4,205	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$25,967</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$25,967	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$41,252</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$41,252	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 10: Forecasted Needs Summarized by System: Family Center


System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$243,648</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$7,559</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$7,559	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$194,837</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$20,058	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$87,390	\$0	\$0	\$0	\$0
Sanitary Waste	\$87,390	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$41,252</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$41,252	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 10: Forecasted Needs Summarized by System: Family Center

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,195</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,661</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$44,661
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,535</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$11,535



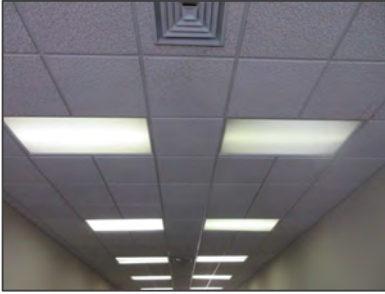
# Lampa Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1982	3,760	\$232,202	30	\$291,159	38
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile						
Lighting	Fluorescent						
HVAC	Heat Pumps						
Elevator	No						
Fire Sprinkler	No						
Fire Alarm	No						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The exterior finishes were found to be in fair condition. Paint was found to be blistered due to water intrusions in many areas.
- The exterior covered walkway was observed to be in poor condition. The clear plastic covering was found to be faded and cracked. The metal structure was found to be rusted and the paint heavily deteriorated.
- Plumbing systems, domestic water piping, sewer piping and plumbing fixtures, are original to 1982, while they are working as intended, they are beyond their expected useful life.
- Light fixtures use T-12 lamps and are beyond their expected useful life. Lighting system should be scheduled for replacement.
- Fire alarm system is beyond its recommended useful life. This system is inspected on a yearly basis and should be considered for replacement due to an elevated risk of failure and obsolete components based on age. Smoke detectors and pull stations observed to be mounted correctly and in all necessary areas.
- Most HVAC units utilize R-22 refrigerant. R-22 will soon be obsolete and recycled units are sold at a premium cost. While the choice to recharge leaky equipment may come down to economics (recharge vs. new unit) this choice may come down to service demands. The leaking units would likely continue to require routine servicing, with increasingly more expensive recharges.



### **Electrical**

Light fixtures which are still utilizing T-12 lamps are at the end of their useful life. T-12 bulbs and fixtures are obsolete. Replacement of these bulbs are expensive and difficult to order.



### **Exterior Enclosure**

The double pane metal framed windows were found to be in overall poor condition. Windows were observed to be foggy.



### **Exterior Enclosure**

The painted stucco finish was found to be in fair condition. Blistering and cracks were observed throughout.



### **HVAC**

The heat pump is original to the building construction date. It was reported that the heat pump does not meet the building requirements and should be replaced.

Table 11: Forecasted Needs Summarized by System: Lampa Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$232,202</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58,957</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$34,158</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,785</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$11,202	\$0	\$0	\$0	\$0
Exterior Windows	\$22,956	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$5,785	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$5,292</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$5,292	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$53,172</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$46,650	\$0
Wall Finishes	\$0	\$0	\$0	\$6,522	\$0
<b>Plumbing</b>	<b>\$42,228</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$17,245	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$14,334	\$0	\$0	\$0	\$0
Sanitary Waste	\$10,649	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$69,569</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$69,569	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$16,029</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$16,029	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$64,926</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$32,463	\$0	\$0	\$0	\$0
Lighting	\$32,463	\$0	\$0	\$0	\$0

Table 11: Forecasted Needs Summarized by System: Lampa Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$0</b>	<b>\$65,575</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$27,658</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$27,658	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$37,917</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$37,917	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0

Table 11: Forecasted Needs Summarized by System: Lampa Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0

Table 11: Forecasted Needs Summarized by System: Lampa Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$33,569</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$33,569</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$33,569	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0

# OCCI

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		2005	17,127	\$69,320	2	\$158,949	4
Construction Type	One-Story Structure with Stone and Wood Veneer						
Roof Type	Single-Ply Membrane and Standing Seam Metal						
Ceiling Type	Acoustical Tile and Exposed Structure						
Lighting	Fluorescent						
HVAC	Packaged Unit and Makeup Air Units						
Elevator	No						
Fire Sprinkler	Yes						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The combination stucco and hardy board coated finishes were found to be in fair condition. Discoloring and biological growth was observed throughout the finish.
- The combination standing seam and single-ply membrane roofing was found to be in good condition. No issues observed or reported.
- The branch wiring is original to the building construction date in good working order. There are specialized electrical connections for cooking equipment in good condition.
- The HVAC systems that serve the building work as intended, are in good condition and the current maintenance has been effective for the upkeep of the system.



## Exterior Enclosure

The combination of stone veneer, hardy board, and stucco finishes were found to be in good to fair condition. Some discoloration from biological growth was observed on the painted stucco finish.



## HVAC

The HVAC distribution system, including duct work and exhaust fans, are in good condition.



## Interior Construction

Cabinets were found to be in fair to poor condition. Some of the cabinetry throughout the facility was observed to be deteriorated or broken.



## Plumbing

The roof drains and piping are in good condition.



Table 12: Forecasted Needs Summarized by System: OCCI

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$69,320</b>	<b>\$0</b>	<b>\$0</b>	<b>\$89,629</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$21,316</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,617</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$21,316	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$16,617	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$48,004</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$48,004	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$73,012</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$73,012	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table12: Forecasted Needs Summarized by System: OCCI

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$735,970</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$84,032</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$84,032	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,584</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$10,584	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$97,706</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$97,706	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$386,210</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$62,270	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$323,940	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$157,438</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$157,438	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0


Table 12: Forecasted Needs Summarized by System: OCCI

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$118,666</b>	<b>\$275,116</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$103,224</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$103,224	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$171,892</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$86,534	\$0
Specialties	\$0	\$0	\$0	\$85,358	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$118,666</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$118,666	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 12: Forecasted Needs Summarized by System: OCCI

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$717,871</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$513,940</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$67,809	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$223,065	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$223,065	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$46,493</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$46,493	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$157,438</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$157,438	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0

# Prosper Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1967	25,835	\$2,025,063	39	\$2,331,842	45
Construction Type	Multi-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile and Painted Surfaces						
Lighting	Fluorescent and LED						
HVAC	Packaged Units and Air Handlers						
Elevator	No						
Fire Sprinkler	Yes						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The exterior lighting fixtures were found to be in poor condition. Fixtures were rusting and deteriorating. Lighting system is comprised of T12 with some T8 upgrades. System is expired due to age and condition. Some incandescent bulbs. Lighting is inadequate for the space use.
- 
- The interior stair handrails were found to be in fair condition. Paint chipping and surface rust was observed throughout the facility.
- The single-ply membrane roof was found to be in overall good condition. No issues observed or reported.
- Fire alarm system is beyond its recommended useful life. This system is inspected on a yearly basis and should be considered for replacement due to an elevated risk of failure and obsolete components based on age. Smoke detectors and pull stations observed to be mounted correctly and in all necessary areas.



## Electrical

The electrical system appears to be mostly original. Branch wiring is original and beyond its expected useful life. It is recommended that an InfraRed assessment be performed on the electrical system before the systems useful life is extended.



## Equipment & Furnishing

The folding bleachers were found to be in fair condition. The finishes are deteriorating. It was also reported to be very difficult to fold and unfold the bleachers.



## Exterior Enclosure

The hollow core metal doors were found to be in poor condition. Rusting door hardware and frames were found throughout the facility.



## Fire Protection

The building has a fire sprinkler system that has reached the end its useful life.

Table 13: Forecasted Needs Summarized by System: Prosper Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$2,025,063</b>	<b>\$0</b>	<b>\$27,091</b>	<b>\$246,221</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$88,867</b>	<b>\$0</b>	<b>\$27,091</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$88,867	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$27,091	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$37,471</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$37,471	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$119,246</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$119,246	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,840</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$56,840	\$0
<b>Plumbing</b>	<b>\$397,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$189,381</b>	<b>\$0</b>
Domestic Water Distribution	\$208,370	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$189,381	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$189,381	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$495,146</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$47,265	\$0	\$0	\$0	\$0
Distribution System	\$217,737	\$0	\$0	\$0	\$0
Terminal & Package Units	\$230,143	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$302,554</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$110,135	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$192,419	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$311,857</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$197,736	\$0	\$0	\$0	\$0
Lighting	\$65,256	\$0	\$0	\$0	\$0
Service Distribution	\$48,864	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$272,172</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$272,172	\$0	\$0	\$0	\$0

Table 13: Forecasted Needs Summarized by System: Prosper Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$33,467</b>	<b>\$105,071</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,002</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$7,056</b>	<b>\$105,071</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$105,071	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$7,056	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$26,411</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,002</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$26,411	\$0	\$0	\$0	\$56,002
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$0	\$0	\$0	\$0	\$0




Table 13: Forecasted Needs Summarized by System: Prosper Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$44,813</b>	<b>\$0</b>	<b>\$0</b>	<b>\$89,285</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$89,285</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$89,285	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$44,813</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$44,813	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$0	\$0	\$0	\$0	\$0

Table 13: Forecasted Needs Summarized by System: Prosper Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$132,487</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$132,487</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$132,487	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$0	\$0	\$0	\$0	\$0	\$0

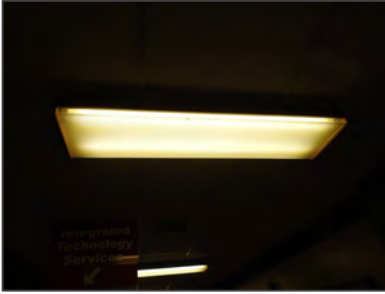
# Randolph Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1964	12,836	\$331,018	13	\$698,081	27
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile						
Lighting	Fluorescent						
HVAC	Packaged Terminal Air Conditioners with Air Handlers						
Elevator	No						
Fire Sprinkler	No						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The acoustical ceiling tiles and painted surfaces were found to be in overall good condition. No issues were observed or reported.
- The facilities lavatories were found to be in overall good condition, they were updated in 2008, and no issues were observed or reported.
- The electrical service of the building is original and beyond its expected useful life. Federal Pacific panels were observed in the facility and should be replaced because they are becoming obsolete and have a history of faulty breakers resulting in an over current and fire hazard.



### **Electrical**

The lighting system is made of fluorescent fixtures with T-12 lamps. The system is beyond its useful life and should be scheduled for replacement.



### **Electrical**

The electrical service of the building is original and beyond its expected useful life. Federal Pacific panels were observed in the facility and should be replaced because they are becoming obsolete and have a history of faulty breakers resulting in an over current and fire hazard.



### **Interiors**

The 1'X1' acoustical ceiling tiles in the facility are beyond their service life. 1'x1' acoustical tiles and their adhesives have been known to contain asbestos.



### **Roofing**

The single-ply membrane roof was found to be in overall good condition. No issues were observed or reported.

Table 14: Forecasted Needs Summarized by System: Randolph Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$331,018</b>	<b>\$0</b>	<b>\$0</b>	<b>\$129,441</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$38,241</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$38,241	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$22,265</b>	<b>\$0</b>	<b>\$0</b>	<b>\$129,441</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$129,441	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$22,265	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$270,511</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$110,823	\$0	\$0	\$0	\$0
Lighting	\$110,823	\$0	\$0	\$0	\$0
Service Distribution	\$48,864	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0

Table 14: Forecasted Needs Summarized by System: Randolph Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$237,623</b>	<b>\$0</b>	<b>\$6,154</b>	<b>\$137,460</b>	<b>\$8,820</b>
<b>Exterior Enclosure</b>	<b>\$78,369</b>	<b>\$0</b>	<b>\$6,154</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$78,369	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$6,154	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,820</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$8,820
<b>Interiors</b>	<b>\$159,254</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$159,254	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$82,740</b>	<b>\$0</b>
Distribution System	\$0	\$0	\$0	\$82,740	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$54,720</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$54,720	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0

Table 14: Forecasted Needs Summarized by System: Randolph Hall


System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$116,762</b>	<b>\$0</b>	<b>\$12,579</b>	<b>\$325,552</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$116,762</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$116,762	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$325,552</b>
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$325,552
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,579</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$12,579	\$0

Table 14: Forecasted Needs Summarized by System: Randolph Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,908</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,908</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$8,554
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$36,354
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Distribution System	\$0	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0	\$0



# Recreation Center

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		2006	39,314	\$135,232	2	\$922,831	12
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane and Standing Seam Metal						
Ceiling Type	Acoustical Tile and Painted Surfaces						
Lighting	Fluorescent						
HVAC	Packaged Unit and Split-DX						
Elevator	No						
Fire Sprinkler	Yes						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The combination stucco and standing steam coated finishes were found to be in fair condition. Discoloring and biological growth was observed throughout the finish.
- The building presents signs of differential settlement and there are stress cracks on the lobby floor and walls. Performing a structural investigation is recommended.
- The HVAC system, cooling generation, distribution and controls are original to the building construction date with no reported issues, Overall, they are in good condition.
- The electrical system, lighting, branch wiring and electrical distribution are original, working as intended and in good condition.



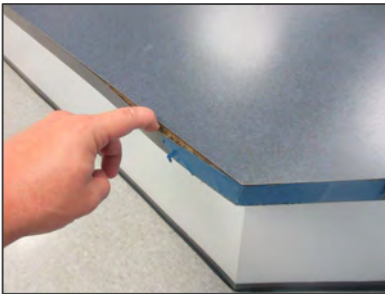
### **Electrical**

The electrical service and distribution system consist mainly of Siemens panels in good working condition.



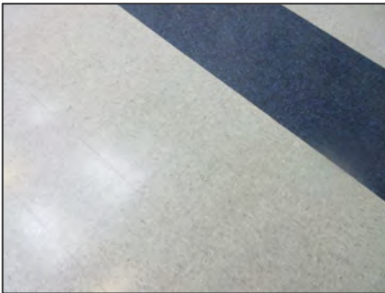
### **Electrical**

The lighting fixtures are fluorescent T-8 lamps in good condition.



### **Interior Construction**

The cabinets and counter tops were observed to be in fair condition. Delamination was observed on the entry way cabinets.



### **Interiors**

The combination of resilient tile and padded floor was found to be in good to fair condition. A large settling crack was observed in entry way.

Table 15: Forecasted Needs Summarized by System: Recreation Center

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$135,232</b>	<b>\$319,947</b>	<b>\$0</b>	<b>\$0</b>	<b>\$247,348</b>
<b>Exterior Enclosure</b>	<b>\$135,232</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$41,225</b>
Exterior Walls (Finishes)	\$135,232	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$41,225
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$319,947</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$319,947	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$167,596</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$167,596
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$38,528</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$38,528

Table 15: Forecasted Needs Summarized by System: Recreation Center

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$220,304</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,546,723</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,390</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$5,390
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$228,028</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$228,028
<b>Interior Construction</b>	<b>\$54,684</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$54,684	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$165,620</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$133,972</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$68,194
Floor Finishes	\$0	\$0	\$0	\$0	\$65,778
Wall Finishes	\$165,620	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$878,432</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$142,938
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$735,494
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,901</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$300,901
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0


Table 15: Forecasted Needs Summarized by System: Recreation Center

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$186,808</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$66,640</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$66,640
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$120,168</b>
Interior Doors	\$0	\$0	\$0	\$0	\$101,675
Specialties	\$0	\$0	\$0	\$0	\$18,493
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0

Table 15: Forecasted Needs Summarized by System: Recreation Center

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,917,543</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$893,458</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$317,083	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$288,187	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$288,187	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$723,184</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$723,184	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,901</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$300,901	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0	\$0

# Sitkum Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1965	10,240	\$306,274	14	\$802,691	36
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile						
Lighting	Fluorescent						
HVAC	Package Units						
Elevator	No						
Fire Sprinkler	Yes						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

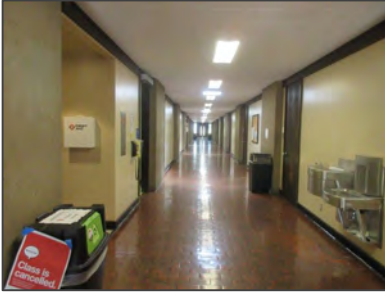
## Condition Summary

- The exterior windows were found to be in overall good condition. One window was found to be broken on the exterior pane.
- The single-ply membrane roof was found to be in good condition. No issues observed or reported.
- The electrical service of the building is original and beyond its expected useful life. Federal Pacific panels were observed in the facility and should be replaced because they are becoming obsolete and have a history of faulty breakers resulting in an over current and fire hazard.
- Plumbing fixtures look to have been recently updated (late 2000's). They are in good condition with no reported issues.



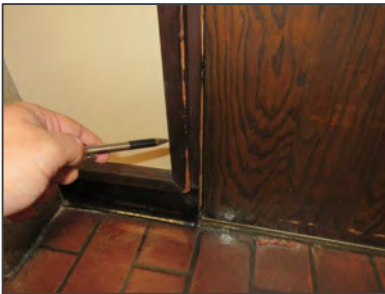
## Electrical

Federal Pacific electrical panels are obsolete and no longer serviceable. This equipment has documented safety issues and their replacement is a high priority.



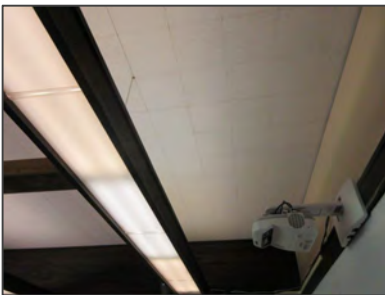
## Electrical

Light fixtures which are still utilizing T-12 lamps are at the end of their useful life. T-12 bulbs and fixtures are obsolete. Replacement of these bulbs are expensive and difficult to order.



## Interior Construction

The interior wood doors were found to be in fair condition. The varnish was found to be deteriorated on the door frames and slabs.



## Interiors

The 1X1 acoustical ceiling tiles are beyond their service life. 1x1 acoustical tiles and their adhesives have been known to contain asbestos.



Table 16: Forecasted Needs Summarized by System: Sitkum Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$306,274</b>	<b>\$335,506</b>	<b>\$0</b>	<b>\$72,300</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$30,306</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61,716</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$30,306	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$61,716	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,584</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$10,584	\$0
<b>Interiors</b>	<b>\$28,701</b>	<b>\$100,051</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$100,051	\$0	\$0	\$0
Wall Finishes	\$28,701	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$235,455</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$235,455	\$0	\$0	\$0
<b>Electrical</b>	<b>\$247,267</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$94,130	\$0	\$0	\$0	\$0
Lighting	\$94,130	\$0	\$0	\$0	\$0
Service Distribution	\$59,007	\$0	\$0	\$0	\$0

Table 16: Forecasted Needs Summarized by System: Sitkum Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$88,611</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,935</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,935</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$9,935	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$88,611</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$88,611	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0


Table 16: Forecasted Needs Summarized by System: Sitkum Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$173,910</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$173,910</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$40,542	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$133,368	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 16: Forecasted Needs Summarized by System: Sitkum Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$104,126</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$104,126</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$104,126	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0

# Stensland Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1995	14,041	\$300,812	10	\$720,261	24
Construction Type	Multi-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile and Painted Surfaces						
Lighting	Fluorescent						
HVAC	Heat Pumps						
Elevator	Yes						
Fire Sprinkler	No						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The 2x4 lay-in acoustical tile ceiling was found to be in overall good condition. Several tiles were observed to missing throughout the facility.
- The interior cabinets were found to be in overall good condition. No issues were observed or reported.
- The building contains the main sewer station, which has no reported issues. The sanitary sewer piping is original and in good working order.
- The electrical system, lighting, branch wiring, and electrical distribution are original, working as intended and in good condition.
- There was not a fire alarm installed in this facility. In future remodels and renewals, the system might be required by current building codes. A need was established for this purpose



### **Conveying**

The elevator servicing this building is a two stop, elevator in good condition.



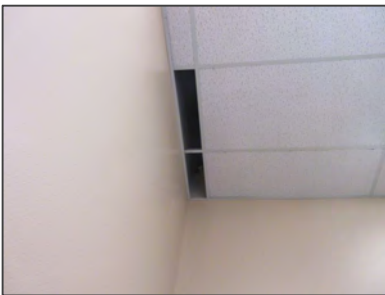
### **Exterior Enclosure**

The painted stucco exterior was found to be in overall good condition. No issues observed or reported.



### **HVAC**

The building is served by heat pumps. Approximately half have been replaced from 2006 to 2016 and are in good condition.



### **Interiors**

The suspended acoustical tile ceiling was found to be in overall good condition. Some ceiling tiles were observed to be missing.

Table 17: Forecasted Needs Summarized by System: Stensland Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$300,812</b>	<b>\$0</b>	<b>\$0</b>	<b>\$239,328</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$84,625</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$84,625	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$154,703</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$77,881	\$0
Specialties	\$0	\$0	\$0	\$76,822	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$39,354</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$39,354	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$201,601</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$201,601	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$59,857</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$59,857	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0

Table 17: Forecasted Needs Summarized by System: Stensland Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$180,121</b>	<b>\$13,760</b>	<b>\$0</b>	<b>\$619,785</b>	<b>\$201,572</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,623</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$13,623	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,640</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$17,640	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$421,337</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$55,591	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$182,873	\$0
Sanitary Waste	\$0	\$0	\$0	\$182,873	\$0
<b>HVAC</b>	<b>\$51,050</b>	<b>\$0</b>	<b>\$0</b>	<b>\$38,116</b>	<b>\$201,572</b>
Controls and Instrumentation	\$51,050	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$38,116	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$201,572
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	<b>\$129,070</b>	<b>\$13,760</b>	<b>\$0</b>	<b>\$129,070</b>	<b>\$0</b>
Service Distribution	\$0	\$0	\$0	\$129,070	\$0
Other Electrical Services	\$129,070	\$0	\$0	\$0	\$0



Table 17: Forecasted Needs Summarized by System: Stensland Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$41,556</b>	<b>\$97,284</b>	<b>\$0</b>	<b>\$59,536</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$41,556</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$41,556	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,696</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$2,696	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$97,284</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$97,284	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,840</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$56,840	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0

Table 17: Forecasted Needs Summarized by System: Stensland Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$269,393</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$51,294</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$51,294	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$137,189</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$137,189	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80,910</b>	<b>\$0</b>	<b>\$0</b>
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0	\$0

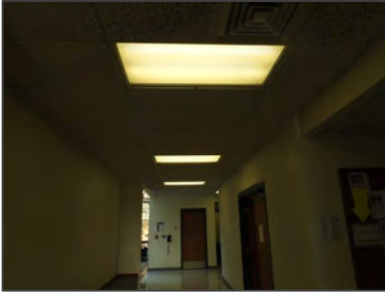
# Sumner Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1982	8,440	\$679,510	37	\$993,072	55
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile						
Lighting	Fluorescent						
HVAC	Fan Coil Units and Induct Unit Heaters						
Elevator	No						
Fire Sprinkler	No						
Fire Alarm	No						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The exterior covered walkway was observed to be in poor condition. The clear plastic covering was found to be faded and cracked. The metal structure was found to be rusted and the paint heavily deteriorated.
- Stucco siding was found to be in poor condition. Cracks, biological growth, and blistered paint were observed throughout.
- The HVAC system for this building all original, in poor condition due their age, and should be scheduled for replacement
- The concealed plumbing systems, domestic water piping, and sanitary sewer are beyond their expected useful life and should be considered for replacement to avoid service interruptions.
- Branch wiring is original and beyond its expected useful life. It is recommended that an InfraRed assessment be performed on the electrical system before the systems useful life is extended.
- Fire alarm system is beyond its recommended useful life. This system is inspected on a yearly basis and should be considered for replacement due to an elevated risk of failure and obsolete components based on age. Smoke detectors and pull stations observed to be mounted correctly and in all necessary areas.



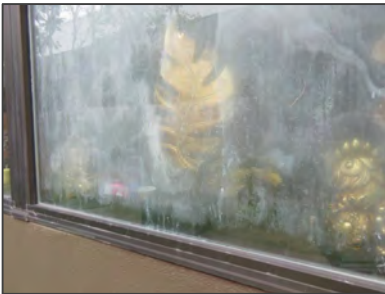
### **Electrical**

The light fixtures of the building have T-12 lamps. The system is not energy efficient, is beyond its expected useful life and should be scheduled for replacement.



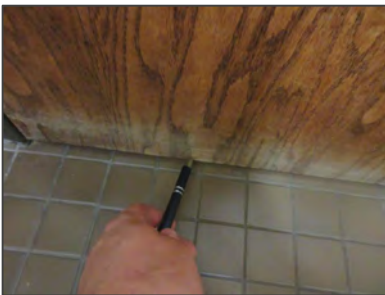
### **Electrical**

The electrical system appears to be mostly original. Although functional, the electrical system is beyond the average service life as predicted by BOMA.



### **Exterior Enclosure**

The metal framed double pane windows were found to be in poor condition. Windows seals have failed and windows were observed to be clouded.



### **Interior Construction**

The wood interior doors were found to be in fair condition. Varnish was observed to be faded.

Table 18: Forecasted Needs Summarized by System: Sumner Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$679,510</b>	<b>\$8,188</b>	<b>\$0</b>	<b>\$174,274</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$75,847</b>	<b>\$8,188</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$24,979	\$0	\$0	\$0	\$0
Exterior Windows	\$50,868	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$8,188	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$84,390</b>	<b>\$0</b>	<b>\$0</b>	<b>\$73,035</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$73,035	\$0
Specialties	\$72,042	\$0	\$0	\$0	\$0
Toilet Partitions	\$12,348	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,656</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$23,656	\$0
<b>Plumbing</b>	<b>\$253,264</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$33,416	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$109,924	\$0	\$0	\$0	\$0
Sanitary Waste	\$109,924	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$144,170</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$30,686	\$0	\$0	\$0	\$0
Terminal & Package Units	\$113,484	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$35,984</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$35,984	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$85,855</b>	<b>\$0</b>	<b>\$0</b>	<b>\$77,584</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$77,584	\$0
Lighting	\$77,584	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$8,271	\$0	\$0	\$0	\$0

Table 18: Forecasted Needs Summarized by System: Sumner Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$131,099</b>	<b>\$0</b>	<b>\$58,477</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$82,464</b>	<b>\$0</b>	<b>\$58,477</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$82,464	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$58,477	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$48,635</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$48,635	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0

Table 18: Forecasted Needs Summarized by System: Sumner Hall


System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$73,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$73,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$73,400	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0

Table 18: Forecasted Needs Summarized by System: Sumner Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0	\$0



# Sunset Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1982	6,840	\$333,551	23	\$636,335	43
Construction Type	One-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile and Painted Surfaces						
Lighting	Fluorescent						
HVAC	Package Units and Air Handlers						
Elevator	No						
Fire Sprinkler	No						
Fire Alarm	No						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- Stucco siding was found to be in poor condition. Cracks, biological growth, and blistered paint were observed throughout.
- The carpet was found to be in overall good condition, however; a minor heave was observed.
- The HVAC systems are aged, beyond their expected useful life, and their replacement should be scheduled.
- The plumbing fixtures, while functional, have exceeded their service life and should be upgraded with low-flow fixtures.
- Fire alarm system is beyond its recommended useful life. This system is inspected on a yearly basis and should be considered for replacement due to an elevated risk of failure and obsolete components based on age. Smoke detectors and pull stations observed to be mounted correctly and in all necessary areas.
- Branch wiring is original and beyond its expected useful life. It is recommended that an InfraRed assessment be performed on the electrical system before the systems useful life is extended.



### **Electrical**

The electrical panels are original to 1982, are in fair condition and working as intended.



### **Electrical**

The light fixtures of the building have T-12 lamps. The system is not energy efficient, is beyond its expected useful life and should be scheduled for replacement. T-12 bulbs and fixtures are obsolete. Replacement of these bulbs are expensive and difficult to order.



### **Exterior Enclosure**

The combination of solid wood and hollow core metal doors were found to be in poor condition. Metal doors were observed to have multiple rust spots. The solid wood doors varnish was observed to be faded.



### **Interiors**

Some of the carpet was found to be in poor condition. Heaving was observed in the carpet tile seams.

Table 19: Forecasted Needs Summarized by System: Sunset Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$333,551</b>	<b>\$0</b>	<b>\$0</b>	<b>\$110,268</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$68,105</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$20,244	\$0	\$0	\$0	\$0
Exterior Windows	\$41,225	\$0	\$0	\$0	\$0
Exterior Doors	\$6,636	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$19,171</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47,392</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$47,392	\$0
Wall Finishes	\$19,171	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$154,241</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$24,869	\$0	\$0	\$0	\$0
Terminal & Package Units	\$129,372	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$29,159</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$29,159	\$0	\$0	\$0	\$0
Lighting	\$62,876	\$0	\$0	\$62,876	\$0
Service Distribution	\$0	\$0	\$0	\$62,876	\$0

Table 19: Forecasted Needs Summarized by System: Sunset Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$192,516</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$59,189</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$59,189	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$66,831</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$66,831	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$27,081</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$27,081	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	<b>\$39,415</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Service Distribution	\$0	\$0	\$0	\$0	\$0


Table 19: Forecasted Needs Summarized by System: Sunset Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$30,233</b>	<b>\$0</b>	<b>\$178,171</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$30,233</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$30,233	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$178,171</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$89,086	\$0
Sanitary Waste	\$0	\$0	\$0	\$89,086	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Service Distribution	\$0	\$0	\$0	\$0	\$0

Table 19: Forecasted Needs Summarized by System: Sunset Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$58,385</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$58,385</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$58,385	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0

# Tioga Hall

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		1969	56,144	\$3,686,076	33	\$4,381,682	39
Construction Type	Multi-Story Structure with Stucco Veneer						
Roof Type	Single-Ply Membrane						
Ceiling Type	Acoustical Tile and Painted Surfaces						
Lighting	Fluorescent and Incandescent						
HVAC	Air Handling Units with Hot and Cold Water from Central Plant, In-Duct Electric Heaters						
Elevator	Yes						
Fire Sprinkler	Yes						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The exterior windows were in overall poor condition. The fifth story windows were found to be very dirty and seals are failing.
- The first-floor mail rooms casework was found to be in poor condition. The cabinets and countertops were delaminated and many drawers and doors were found to be inoperable.
- Carpet flooring in the building were observed to be severely stained and worn.
- The HVAC systems are aged, beyond their expected useful life, and their replacement should be scheduled.
- Branch wiring is original and beyond its expected useful life. It is recommended that an InfraRed assessment be performed on the electrical system before the systems useful life is extended.



## Conveying

The building is served by two 3500lb OTIS elevators, that are beyond their expected useful life. At the time of this assessment, elevator one was not functioning properly.



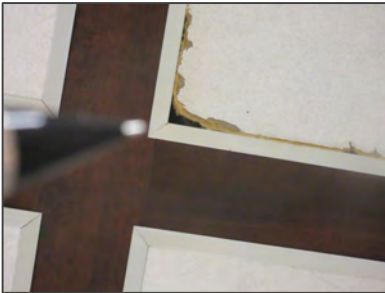
## Electrical

The electrical system appears to be mostly original. Although functional, the electrical system is beyond the average service life as predicted by BOMA.



## Interiors

The combination of tile and carpet were found to be in poor condition. The tile grout lines need to be cleaned. Rooms were observed to have stained and worn carpet.



## Interiors

The suspended acoustical tile ceiling is in poor condition. Stains were observed throughout the building.



Table 20: Forecasted Needs Summarized by System: Tioga Hall

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$3,686,076</b>	<b>\$166,164</b>	<b>\$0</b>	<b>\$288,862</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$294,712</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$178,268	\$0	\$0	\$0	\$0
Exterior Windows	\$94,276	\$0	\$0	\$0	\$0
Exterior Doors	\$22,168	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$278,402</b>	<b>\$0</b>	<b>\$0</b>	<b>\$29,988</b>	<b>\$0</b>
Interior Doors	\$190,373	\$0	\$0	\$0	\$0
Specialties	\$88,029	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$29,988	\$0
<b>Interiors</b>	<b>\$1,017,341</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$630,542	\$0	\$0	\$0	\$0
Floor Finishes	\$326,275	\$0	\$0	\$0	\$0
Wall Finishes	\$60,523	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$170,618</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$170,618	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$258,874</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$119,396	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$139,479	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$469,694</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$101,802	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$367,892	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$371,393</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$371,393	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$1,083,916</b>	<b>\$166,164</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$515,548	\$0	\$0	\$0	\$0
Lighting	\$568,368	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$111,143	\$0	\$0	\$0
Other Electrical Services	\$0	\$55,021	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Equipment	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$0	\$0	\$0	\$0	\$0

Table 20: Forecasted Needs Summarized by System: Tioga Hall

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$240,580</b>	<b>\$0</b>	<b>\$0</b>	<b>\$318,983</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$79,641</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$79,641	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$185,971</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$185,971	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$239,342</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$239,342	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Equipment	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$54,608</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$54,608	\$0	\$0	\$0	\$0

Table 20: Forecasted Needs Summarized by System: Tioga Hall

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Equipment	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$0	\$0	\$0	\$0	\$0


Table 20: Forecasted Needs Summarized by System: Tioga Hall

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$124,566</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Specialties	\$0	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Rain Water Drainage	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$124,566</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$124,566	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Service Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Equipment &amp; Furnishing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Institutional Equipment	\$0	\$0	\$0	\$0	\$0	\$0

# Curry Campus

## Facility Condition Assessment

Summary of Findings	Year Established	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
	2011	24,920	\$66,000	0	\$230,767	3



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The table below contains location-specific information regarding current and forecast Facility Condition Indices. A comprehensive list of expired systems and those expected to be expired between now and the Year 2037 is shown in Table 23.

*Table 21: Facility Description: Summary of Findings – Curry Campus*

Building Name	Age (Yrs)	Area (SF)	Total Needs 2017	Current Replacement Value	2017 FCI %	Total Needs 2021	2022 FCI %
Brookings	6	24,920	\$0	\$4,911,672	0	\$164,767	3
TOTAL:		24,920	\$0	\$4,911,672	0	\$164,767	3
Site Infrastructure			\$66,000			\$66,000	
GRAND TOTAL			\$66,000			\$230,767	

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Figures below show the current and forecasted needs respectively for all Curry Campus facilities grouped by system.

Figure 4: Current Needs (2017): Curry Campus

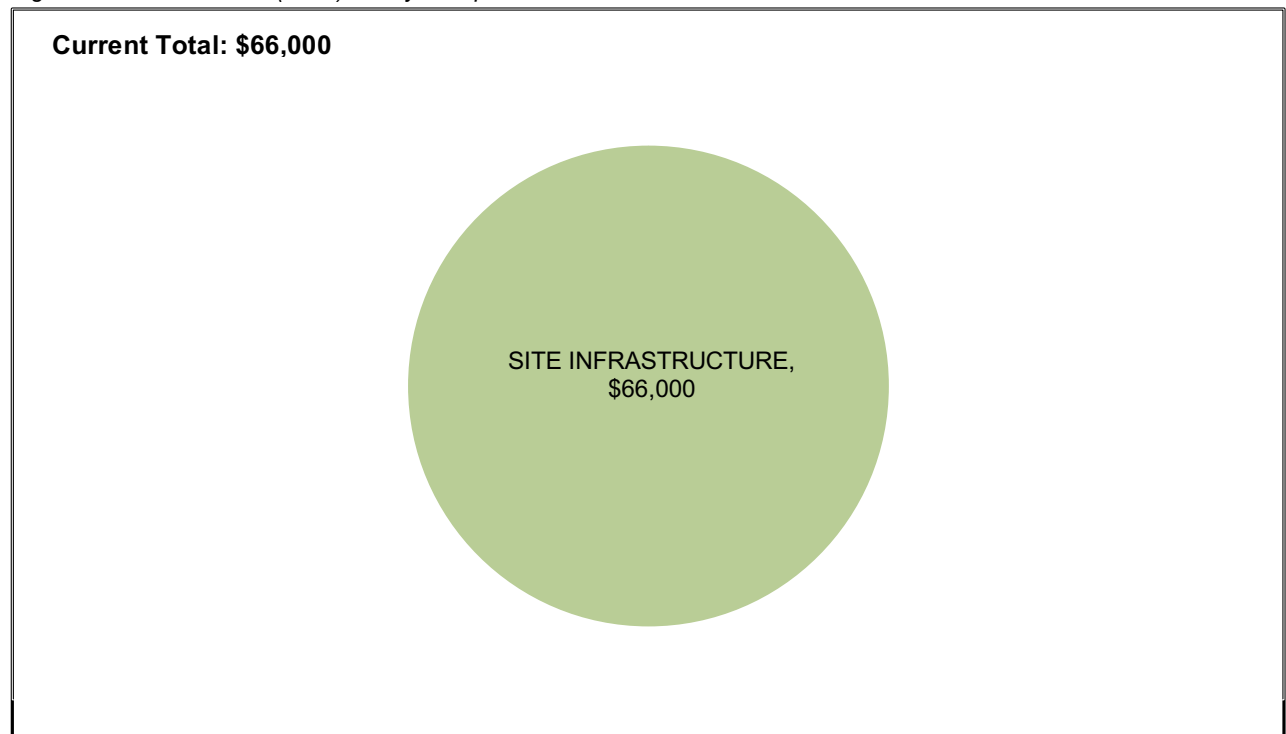
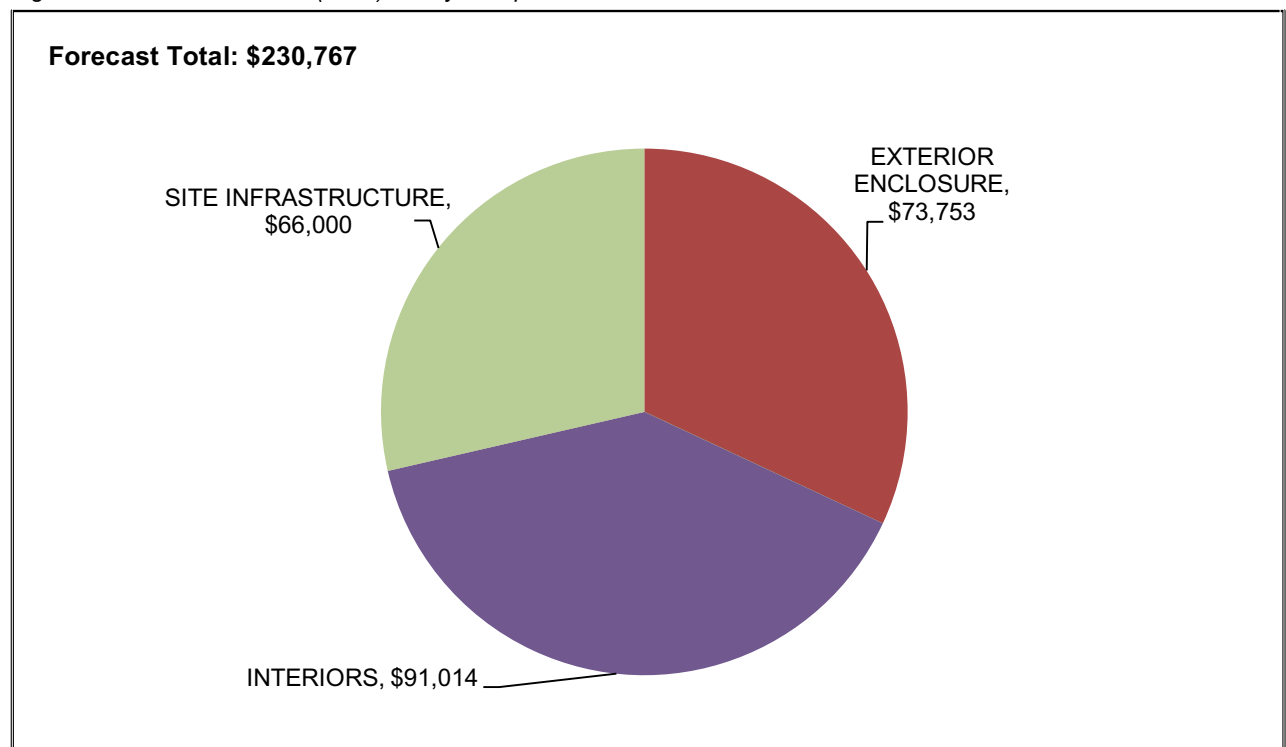


Figure 5: Forecasted Needs (2022): Curry Campus

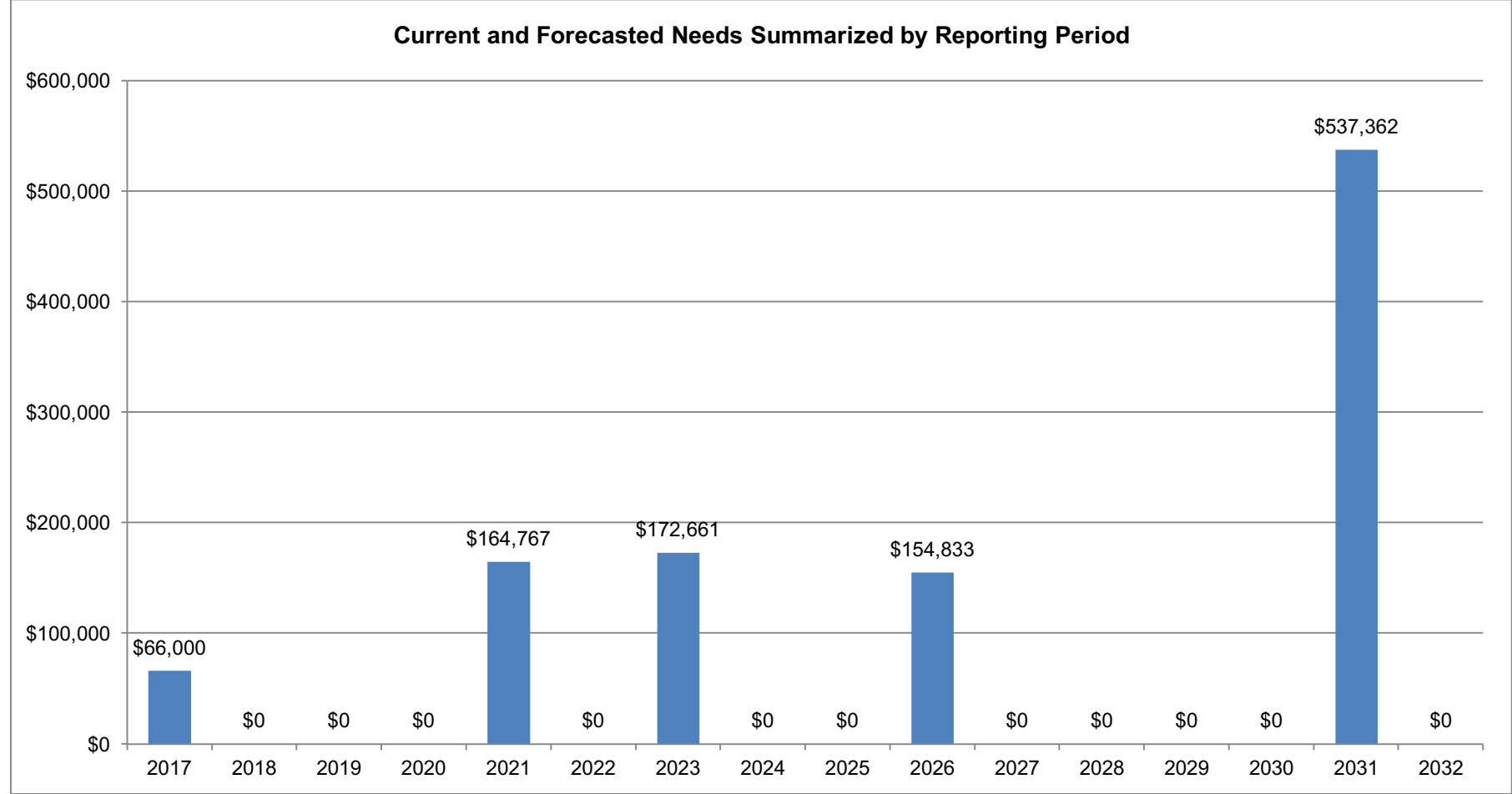


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**RENEWAL FORECAST**

The renewal forecast below for the Curry Campus debt shows the current maintenance and repair backlog and projected facility sustainment requirements over the next 15 years. Please note the renewal forecast does not include potential costs associated with seismic evaluation; seismic retrofitting; hazardous material inspection, evaluation, and mitigation, including asbestos abatement; and NFPA 101 and ADA upgrades. The renewal forecast is shown below:

Figure 6: Current and Forecasted Needs Summarized by Reporting Period: Curry Campus



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The Table below shows the current needs respectively for all Curry Campus facilities by system.

*Table 22: Expired Systems 2017*

Building	System Category	System	Priority	2017 Needs
Brookings	Site Infrastructure	Vehicular Pavements	Low	\$66,000
Total:				\$66,000

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Table 23: Current and Forecasted Needs Summarized by System: Curry Campus

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$66,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$164,767</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$73,753</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$73,753
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$21,168</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$21,168
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$69,846</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$69,846
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0
<b>Site Infrastructure</b>	<b>\$66,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Pavements	\$66,000	\$0	\$0	\$0	\$0

Table 23: Current and Forecasted Needs Summarized by System: Curry Campus

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$0</b>	<b>\$172,661</b>	<b>\$0</b>	<b>\$0</b>	<b>\$154,833</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,177</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$24,177
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$172,661</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$172,661	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$106,234</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$106,234
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,422</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$24,422
<b>Site Infrastructure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Pavements	\$0	\$0	\$0	\$0	\$0




Table 23: Current and Forecasted Needs Summarized by System: Curry Campus

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$537,362</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,390</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$5,390
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,291</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$10,291
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,871</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$175,871
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$90,604</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$90,604
Cooling Generation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$255,206
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$229,075</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$26,131
Lighting	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0
<b>Site Infrastructure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$537,362</b>
Vehicular Pavements	\$0	\$0	\$0	\$0	\$5,390

Table 23: Current and Forecasted Needs Summarized by System: Curry Campus

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$485,990</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,193</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$150,193	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$215,643</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$215,643	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Cooling Generation	\$0	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$120,154	\$0
Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$120,154</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0	\$0
<b>Site Infrastructure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$485,990</b>	<b>\$0</b>
Vehicular Pavements	\$0	\$0	\$0	\$0	\$150,193	\$0

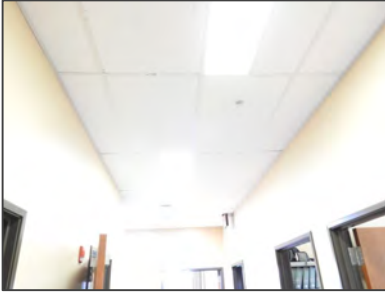
# Brookings

Summary of Findings		Year Built	Area (SF)	Total Needs 2017	2017 FCI %	Total Needs 2022	2022 FCI %
		2011	24,920	\$0	0	\$164,767	3
Construction Type	Multi-Story with Wood and Stone Veneer						
Roof Type	Standing Seam Metal and Single-Ply Membrane						
Ceiling Type	Acoustical Tile and Painted Surfaces						
Lighting	Fluorescent and LED						
HVAC	Multi-Unit Air-Cooled Condensers, Energy Recovery Units and Fan Coil Units						
Elevator	Yes						
Fire Sprinkler	Yes						
Fire Alarm	Yes						

The team entered most spaces that were accessible to include administrative spaces, common spaces, restrooms and mechanical rooms. Please note the team did not enter any "permit-required confined spaces" as defined by the Occupational Safety and Health Administration.

## Condition Summary

- The stone and hardy board were found to be in good condition. No issues were observed or reported.
- The 2x4 lay-in acoustical ceiling was found to be in good condition. Some stained tiles were observed throughout the building.
- The facility's fire pump building was observed to be in good condition. No issues observed or reported.
- The electrical systems include a modern photovoltaic system in good condition. The electrical service and distribution and lighting and branch wiring systems are in good condition.



### **Electrical**

The building has energy efficient lighting in good condition.



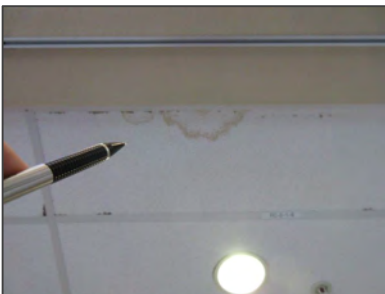
### **Exterior Enclosure**

The hollow core metal doors were found to be in fair condition. The door hinges were found to be rusted.



### **Fire Protection**

The building has a fire alarm system in good condition.



### **Interiors**

The combination of painted surface and suspended acoustical tile ceilings were found to be in good condition. Some minor stains were observed.

Table 24: Forecasted Needs Summarized by System: Brookings

System	2017	2018	2019	2020	2021
<b>Total:</b>	<b>\$66,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$164,767</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$73,753</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$73,753
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$21,168</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$21,168
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$69,846</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$69,846
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0
<b>Site Infrastructure</b>	<b>\$66,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Pavements	\$66,000	\$0	\$0	\$0	\$0

Table 24: Forecasted Needs Summarized by System: Brookings

System	2022	2023	2024	2025	2026
<b>Total:</b>	<b>\$0</b>	<b>\$172,661</b>	<b>\$0</b>	<b>\$0</b>	<b>\$154,833</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,177</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$24,177
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$172,661</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$172,661	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$106,234</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$106,234
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,422</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$24,422
<b>Site Infrastructure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Pavements	\$0	\$0	\$0	\$0	\$0

Table 24: Forecasted Needs Summarized by System: Brookings

System	2027	2028	2029	2030	2031
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$537,362</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,390</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$5,390
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,291</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$10,291
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,871</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$175,871
Floor Finishes	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$90,604</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$90,604
Distribution System	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$255,206</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$229,075
Other Electrical Services	\$0	\$0	\$0	\$0	\$26,131
<b>Site Infrastructure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Pavements	\$0	\$0	\$0	\$0	\$0

Table 24: Forecasted Needs Summarized by System: Brookings

System	2032	2033	2034	2035	2036	2037
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$485,990</b>	<b>\$0</b>
<b>Exterior Enclosure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,193</b>	<b>\$0</b>
Exterior Walls (Finishes)	\$0	\$0	\$0	\$0	\$0	\$0
Exterior Windows	\$0	\$0	\$0	\$0	\$150,193	\$0
Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0
Maintenance Roll-up Door	\$0	\$0	\$0	\$0	\$0	\$0
<b>Roofing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Roof Coverings	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interior Construction</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$215,643</b>	<b>\$0</b>
Interior Doors	\$0	\$0	\$0	\$0	\$215,643	\$0
Toilet Partitions	\$0	\$0	\$0	\$0	\$0	\$0
<b>Interiors</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0
Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Conveying</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Conveying Systems	\$0	\$0	\$0	\$0	\$0	\$0
<b>Plumbing</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0
Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0
Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0
<b>HVAC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Controls and Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0
Distribution System	\$0	\$0	\$0	\$0	\$0	\$0
<b>Fire Protection</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$120,154</b>	<b>\$0</b>
Fire Alarms	\$0	\$0	\$0	\$0	\$0	\$0
Sprinklers & Standpipe	\$0	\$0	\$0	\$0	\$120,154	\$0
<b>Electrical</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0
Lighting	\$0	\$0	\$0	\$0	\$0	\$0
Other Electrical Services	\$0	\$0	\$0	\$0	\$0	\$0
<b>Site Infrastructure</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Vehicular Pavements	\$0	\$0	\$0	\$0	\$0	\$0



# Southwest Oregon Community College

## Site Infrastructure and Utilities Assessment

A site infrastructure and utilities condition assessment was included in the scope of work for this project. The site infrastructure and utilities assessment is a visual evaluation of the site systems. The teams walked each site to determine the general condition of the systems and categorized them as follows:

- Good condition
- Poor condition and in need of repair
- Poor condition and in need of replacement

Estimated quantities were calculated by digitizing marked-up Google Earth aerial photographs. Google Earth Aerial photographs were used in lieu of site plans. The site assessment was performed and the subsequent results grouped by location. Findings for each location were divided as follows:

- Roadways
- Parking Lots
- Pedestrian Paving
- Site Development
- Storm Sewer

Please note that not all locations have all of the various infrastructure systems present. We determined unit pricing for the various deficiency requirements by referencing 2017 RS Means Building Construction Cost Data and Assembly Cost Data when available; industry sources were used as a supplemental source for unit pricing when needed.

### **CONDITION SUMMARY**

The site was well maintained and appeared to be in overall poor condition. The following site deficiencies were observed during the assessment.

- The concrete sidewalks were generally in good condition except for a few isolated areas, which need to be replaced. Furthermore, replacement of the sealant in the expansion joints as part of routine maintenance would extend their overall life.
- Some of the asphalt pavements were in poor condition and need to be resurfaced.
- The brick covered walkways were in poor condition and need to be repaired.
- Some areas of the asphalt pavement are in fair condition; however, crack filling, seal coating, and restriping would extend their overall life.

The specific deficiencies observed at Southwest Oregon Community College can be found in the summary of conditions table that follows.

Table 25: Aggregate Summary for Southwest Oregon Community College Coos and Curry Campuses Infrastructure

Asset Description	Corrective Action	Notes	Current Needs
Pedestrian Pavements	Replace Concrete Pavements; 4" Thick	300 SF @ \$11 per SF	\$3,300
Pedestrian Pavements	Repair Brick Covered Walkway	19,800 SF @ \$16 per SF	\$316,800
Vehicular Pavements	Crack Fill, Seal Coat, and Restripe Asphalt Pavements	250,200 SF @ \$1.20 per SF	\$300,240
Vehicular Pavements	Resurface Asphalt Pavements	228,800 SF @ \$3.50 per SF	\$800,800
<b>Total Current Needs</b>			<b>\$1,421,140</b>



## Family Center

- Replace Caulking in Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Deficiency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

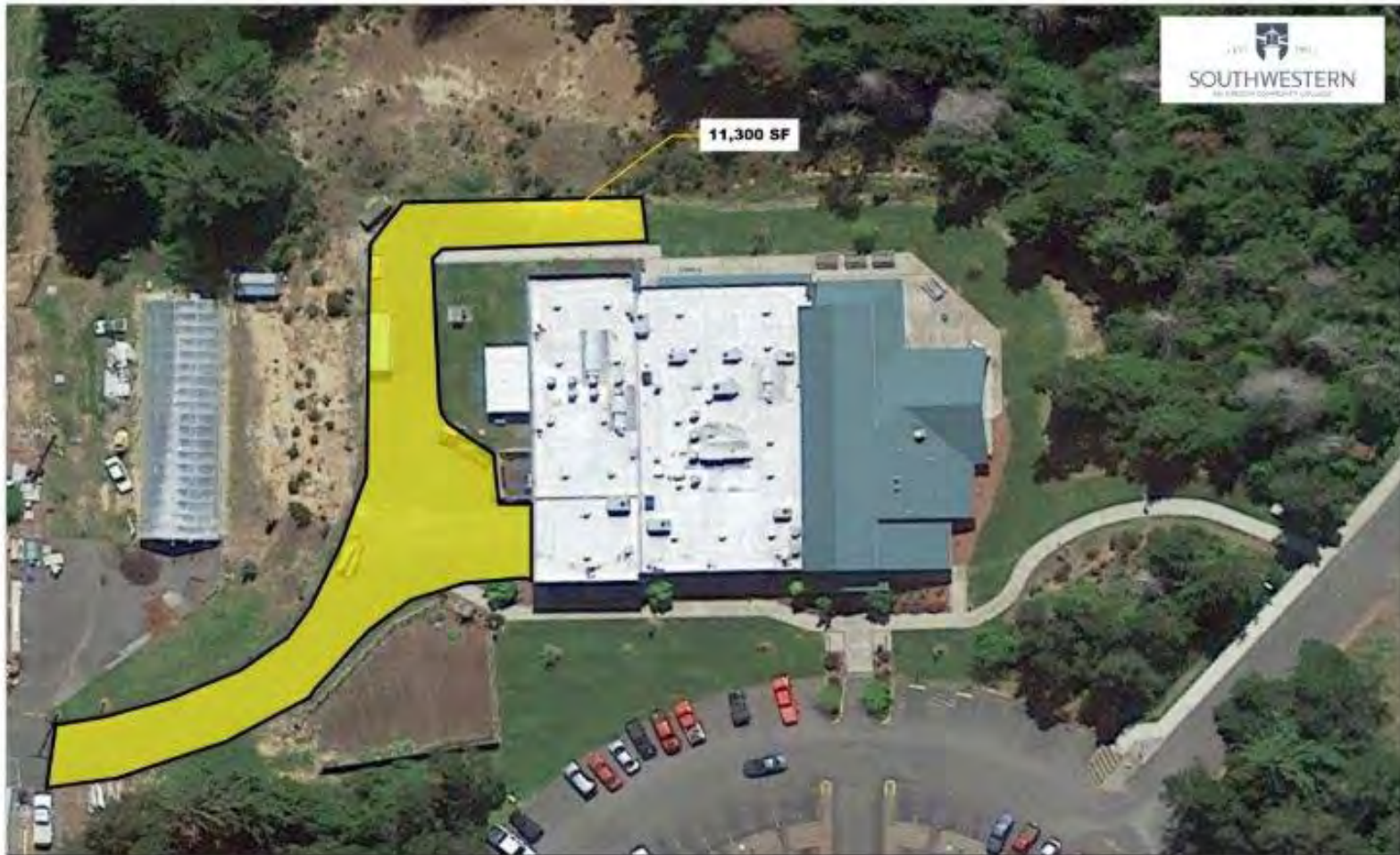
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11,300 SF

## Culinary Institute

- Replace Caulking in Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Deficiency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

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Date: 2017

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# **Empire Hall - Hales Center - Stensland Hall**

- Replace Caulking in Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Deficiency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

Prepared By:  
ALPHA Facilities Solutions

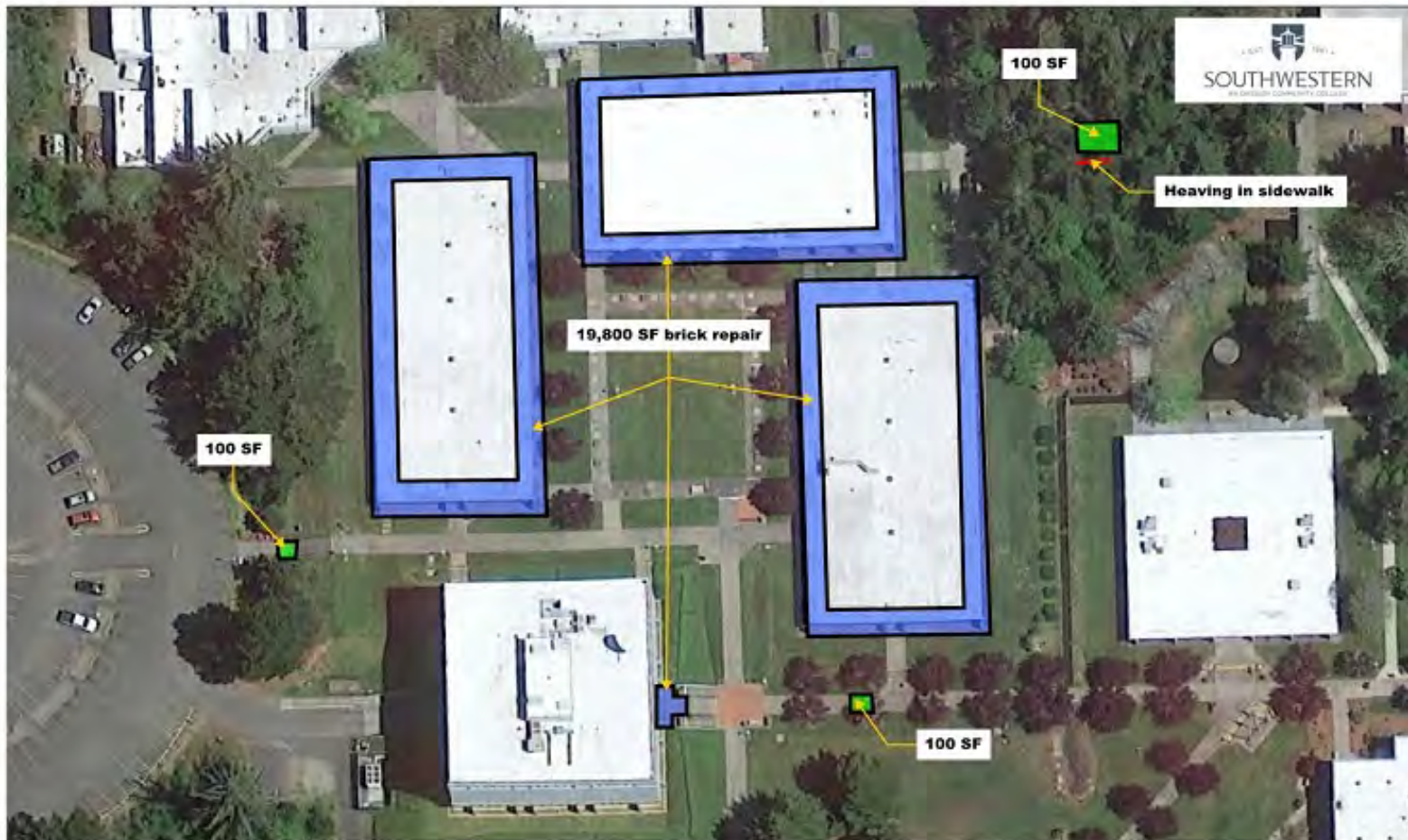
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**Coaledo Hall - Sitkum  
Hall - Randolph Hall -  
tioga Hall - Dellwood Hall**

- Replace Caulking In Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Defeciency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

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**Sumner Hall - Sunset Hall  
- Eden Hall**

- Replace Caulking In Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Deficiency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

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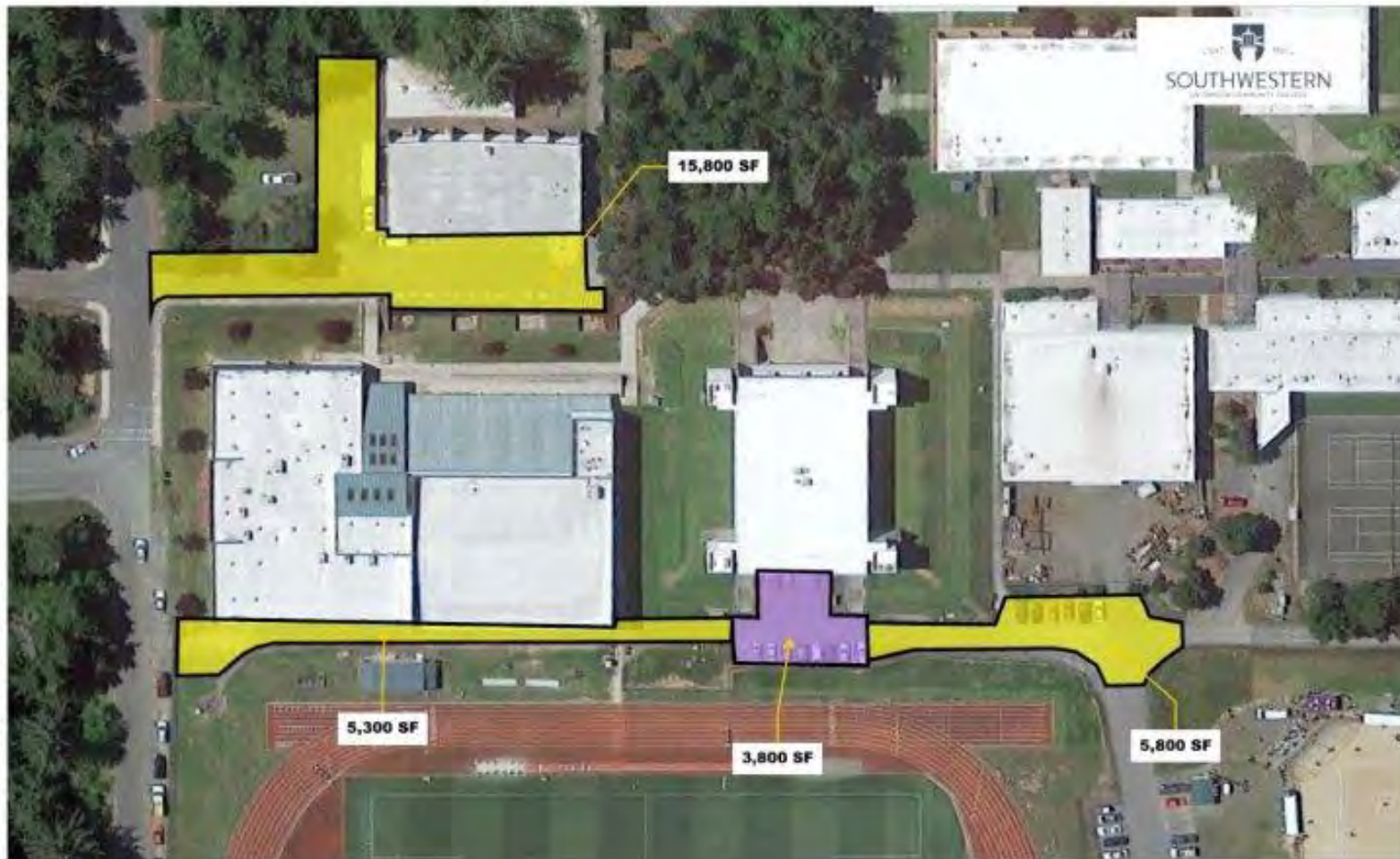
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**Student Recreation  
Center - Prosper Hall - B2  
Technolgy Annex -  
Fairview Hall - Lampa Hall**

- Replace Caulking in Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Deficiency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

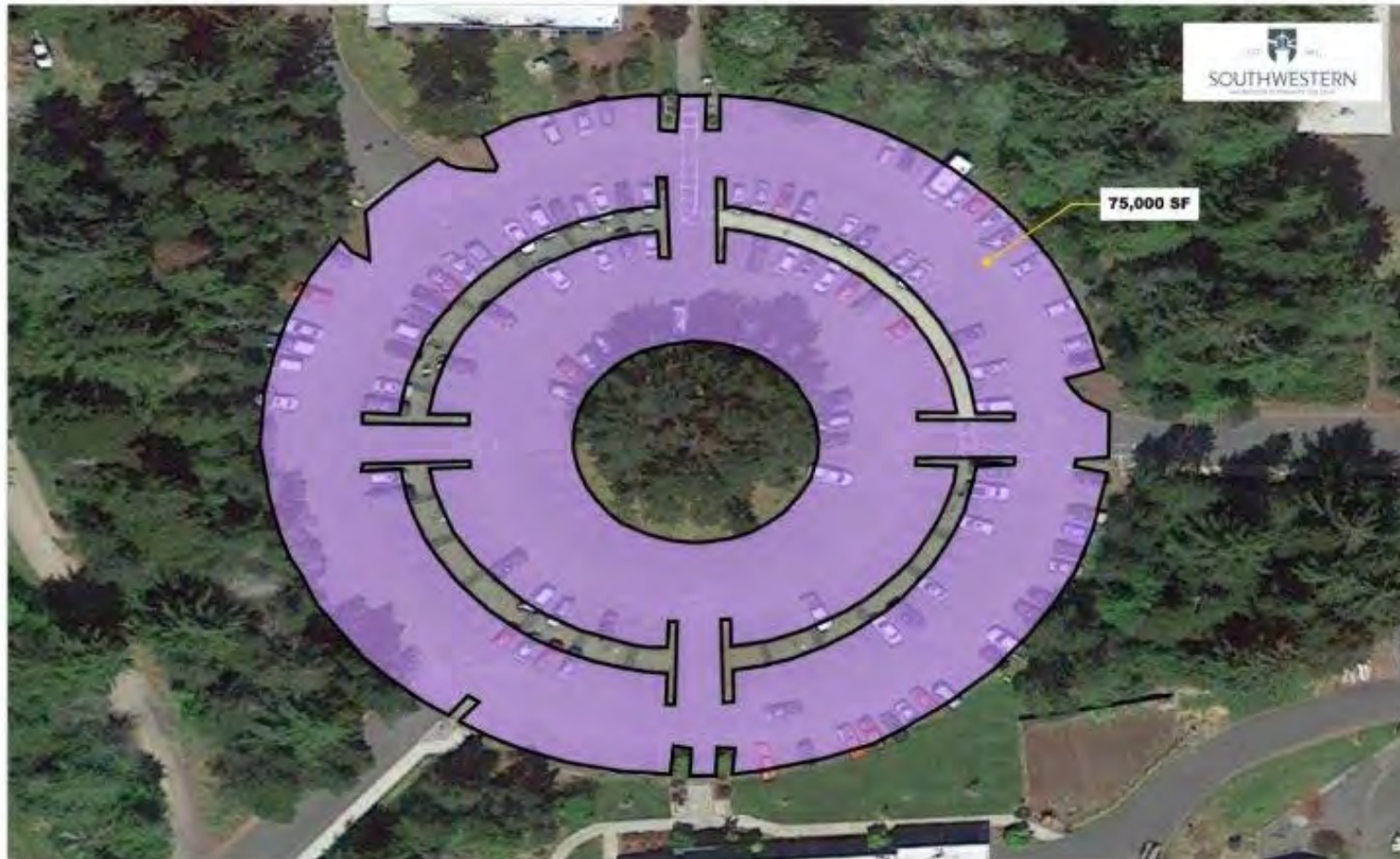
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## Parking Area 1

- Replace Caulking in Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Deficiency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

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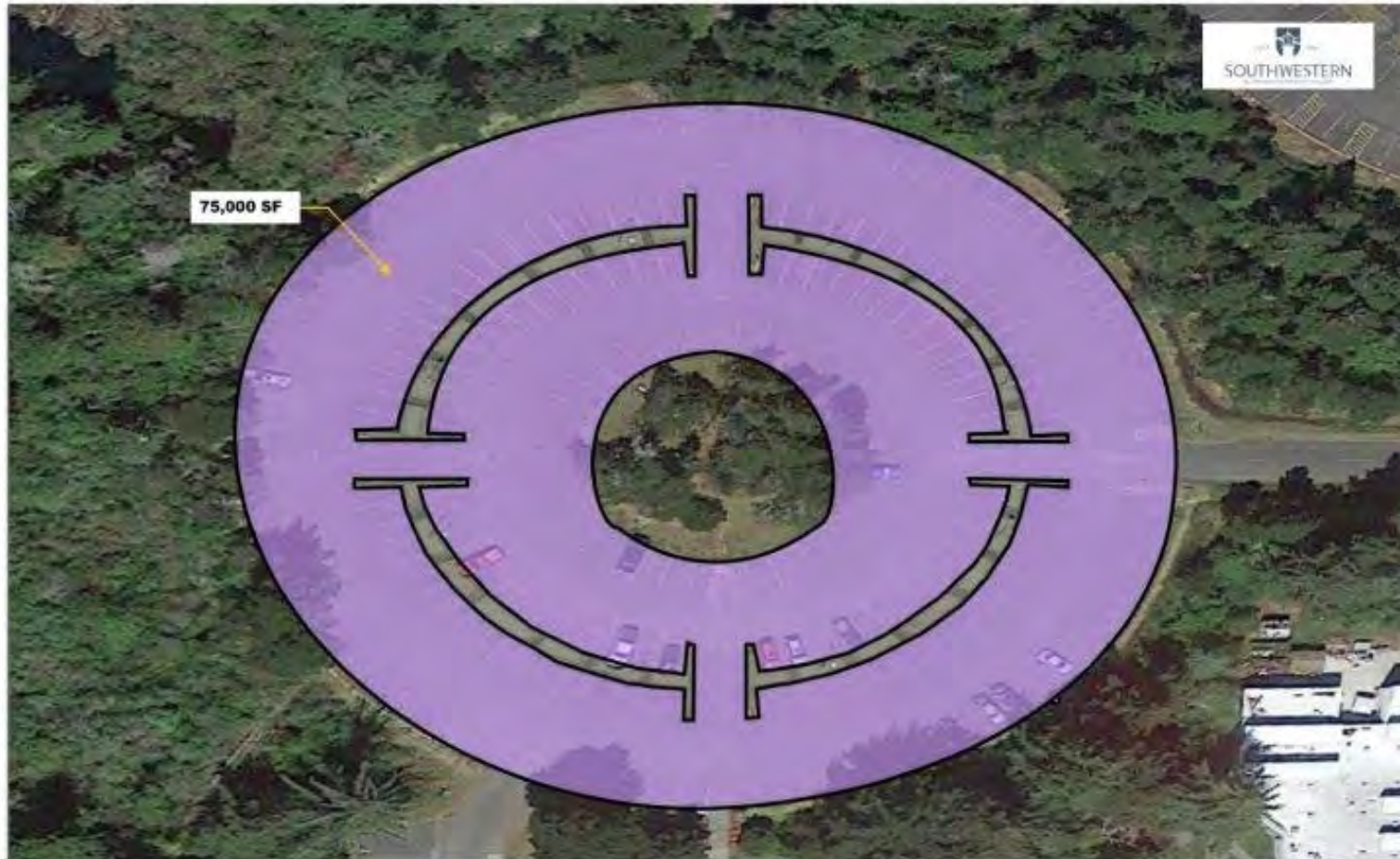
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## Parking Area 2

- Replace Caulking in Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Deficiency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

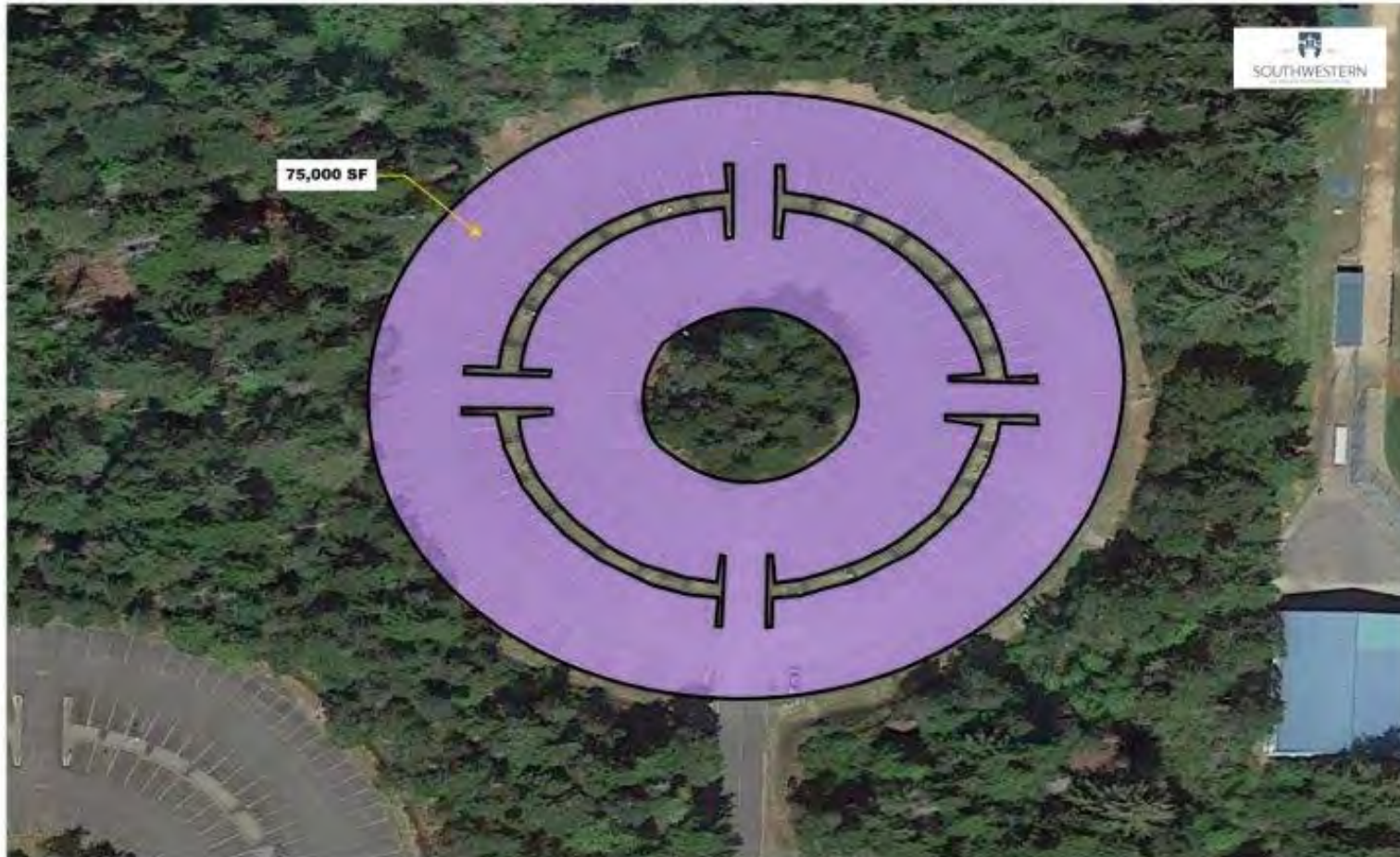
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### Parking Area 3

- Replace Caulking in Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Deficiency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

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## Curry Campus - Brookings

- Replace Caulking in Concrete Pavement Expansion Joints
- Crack Fill, Seal Coat, and Re-Stripe Asphalt Pavement
- Replace Concrete Pavement

- Site Deficiency
- Re-Stripe Concrete
- Resurface Asphalt Pavement

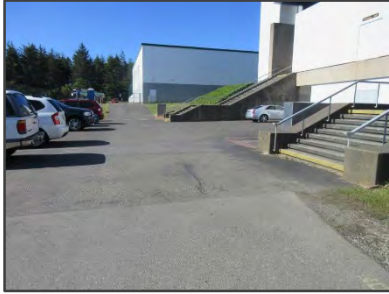
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### **Site Infrastructure**

Prosper Hall - The asphalt pavement was in poor condition and needs to be resurfaced.



### **Site Infrastructure**

Parking area 3 - The asphalt pavement was in poor condition and needs to be resurfaced.



### **Site Infrastructure**

Parking area 2 - The asphalt pavement was in poor condition and needs to be resurfaced.



### **Site Infrastructure**

Parking area 1 - The asphalt pavement was in poor condition and needs to be resurfaced.



### **Site Infrastructure**

There were some broken or heaving section of the sidewalk which need to be replaced.



### **Site Infrastructure**

There was a section of the concrete sidewalk that has settled, is holding water, and needs to be replaced.



### **Site Infrastructure**

There were some broken or heaving section of the sidewalk which need to be replaced.



### **Site Infrastructure**

There were some broken or heaving section of the sidewalk which need to be replaced.





### **Site Infrastructure**

Concrete walkway was in poor condition.



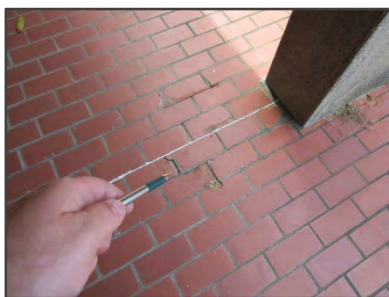
### **Site Infrastructure**

The brick covered walkways were in poor condition.



### **Site Infrastructure**

The brick covered walkways were in poor condition.



### **Site Infrastructure**

The brick covered walkways were in poor condition.



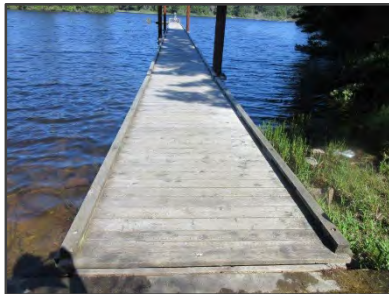
### **Site Infrastructure**

The brick covered walkways were in poor condition.



### **Site Infrastructure**

The existing handrails were in good condition. Repainting these handrails would extend their overall life.



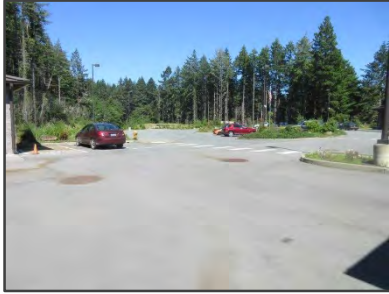
### **Site Infrastructure**

The campus pier is in good condition.



### **Site Infrastructure**

The existing handrails were in good condition. Repainting these handrails would extend their overall life.



### **Site Infrastructure**

Brookings - Site was in overall good condition.



### **Site Infrastructure**

Brookings -The asphalt paving was in good condition. Crack filling, seal coating, and re-striping would extend the pavement life.



### **Site Infrastructure**

Brookings – Concrete sidewalk is in good condition.



11503 NW Military Hwy., Suite 300  
San Antonio, TX 78231

210.49.ALPHA [www.alphafacilities.com](http://www.alphafacilities.com)  
[answers@alpha-fs.com](mailto:answers@alpha-fs.com)

**opsis**

o 503.525.9511  
f 503.525.0440  
920 NW 17th Ave. Portland, Oregon  
opsisarch.com



o 541.888.2525  
f 000.000.0000  
1988 Newmark Ave, Coos Bay, Oregon  
socc.edu