Facilities Master Plan

June 2025

SUNY ORANGE

JMZ architects | planners

Facilities Master Plan Update

June 2025

Adopted by the SUNY Orange Board of Trustees on 14 May 2025

Middletown Campus
115 South Street
Middletown, NY 10940

Newburgh Campus
1 Washington Center
Newburgh, NY 12550

Dr. Kristine M. Young, President

The following individuals served on the Steering Committee:

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	Paul G. Martland	Second Vice Chair, VP for Administration & Finance
	Jean Leandre	Third Vice Chair, VP for Workforce, Strategy & Innovation
	Corey Dawkins	Director of Campus Facilities
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	Dawn Lowe	Director of Student Services Central
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Transforming Lives for 75 Years

SUNY ORANGE

Letter from the President

I'm proud to share that SUNY Orange has completed a new Facilities Master Plan to guide how we shape and steward our campuses through 2035.

What makes this plan so exciting is that it was developed side by side with our 2025–2028 Strategic Plan. These two efforts don't just align—they actively support one another. Every space we design or modernize will help advance the priorities we've committed to in our strategic work.

But here's what really has me energized: this plan brings our Guided Pathways model and the SUNY Orange Experience (SOEX) into physical form. On the Middletown campus, we're introducing neighborhoods… intentional clusters that organize buildings around communities of interest. These neighborhoods make our campus easier to navigate, more welcoming to students, and more conducive to collaboration and belonging. And while Newburgh's footprint is smaller, the plan defines its identity as a campus centered on health careers, workforce opportunity, and academic momentum. Across both locations, we are creating environments that reflect our values and help students thrive.

The plan is built on five guiding principles:

- Put students first in how we design and use our spaces.
- Enhance access and belonging across both campuses.
- Strengthen community and connection among students, faculty, and staff.
- Invest in modern, flexible spaces that support innovation, teaching, and learning.
- And transform Newburgh into a regional hub for health careers, workforce programs, and academic pathways.

My thanks to the many students, employees, and partners who shared their time and insights to shape this plan. Your ideas are all over this vision. I can't wait to see it unfold.

Dr. Kristine M. Young, President
Orange County Community College

Introduction

Purpose of the Study

Founded in 1950 as the first county-sponsored community college in New York State, SUNY Orange will celebrate its 75th anniversary in June 2025. As the College looks to the future, it has developed a new strategic plan and new academic initiatives that will shape institutional priorities for years to come.

Similar to other community colleges in New York State, enrollment at SUNY Orange has declined from 5,127 full-time and part-time students in Fall 2018 to 4,142 in Fall 2024. In response, the College has introduced new and expanded academic programs in high-demand areas, such as healthcare and food technology, to align with regional workforce demand and student interest.

With these evolving strategic and academic priorities, SUNY Orange leadership determined that it was time to reassess and update the Facilities Master Plan (FMP). This study provides a framework for aligning the campus environment with the priorities identified in the strategic plan, ensuring that campus resources support the strategic direction of the College. The recommendations identify opportunities to modernize, reconfigure, and renovate exiting facilities to maintain the high-quality educational experience that students have at SUNY Orange.

The Planning Process

The focus of this plan is to improve space utilization and transform buildings into modern learning environments. The scope of work included the following:

- Review the strategic plan, academic plan, and other planning documents provided by the College.
- Conduct site and building walkthroughs to review the condition of existing systems, suitability of existing space, and compliance with applicable codes.
- Gather campus feedback through online surveys and programming interviews.
- Perform a targeted environmental scan to assess emerging economic, demographic, and educational trends in Orange County and New York State.
- Analyze instructional, office, and support space for all departments.
- Conduct an instructional space utilization study for classrooms and class labs on both campuses.
- Develop concept options based on the walkthroughs, campus feedback, and space analysis.
- Work with the Steering Committee to identify the preferred option and prioritize projects.
- Develop site plans, floor plans, and cost estimates for all high-priority projects.

Middletown Campus

Newburgh Campus

Strategic Plan Integration

The new strategic plan was adopted by the SUNY Orange Board of Trustees in May 2025. It establishes institutional priorities for the next three years and identifies four overarching priority areas:

1. Student Support and Success

2. Pathways and Partnerships

3. Academic and Professional Excellence

4. Systems and Spaces

The master plan recommendations align with these strategic priorities. The planning team worked closely with the College to ensure that the master plan responds to the evolving needs of SUNY Orange. Key elements from the new strategic plan, such as flexible learning environments and student-centered spaces, have been integrated into the master plan framework.

The emphasis that the new strategic plan places on modernizing infrastructure and creating inclusive learning environments is reflected in the master plan recommendations to upgrade building systems, improve accessibility, and strengthen the identity of academic programs through the creation of learning communities.

Master Plan Guiding Principles

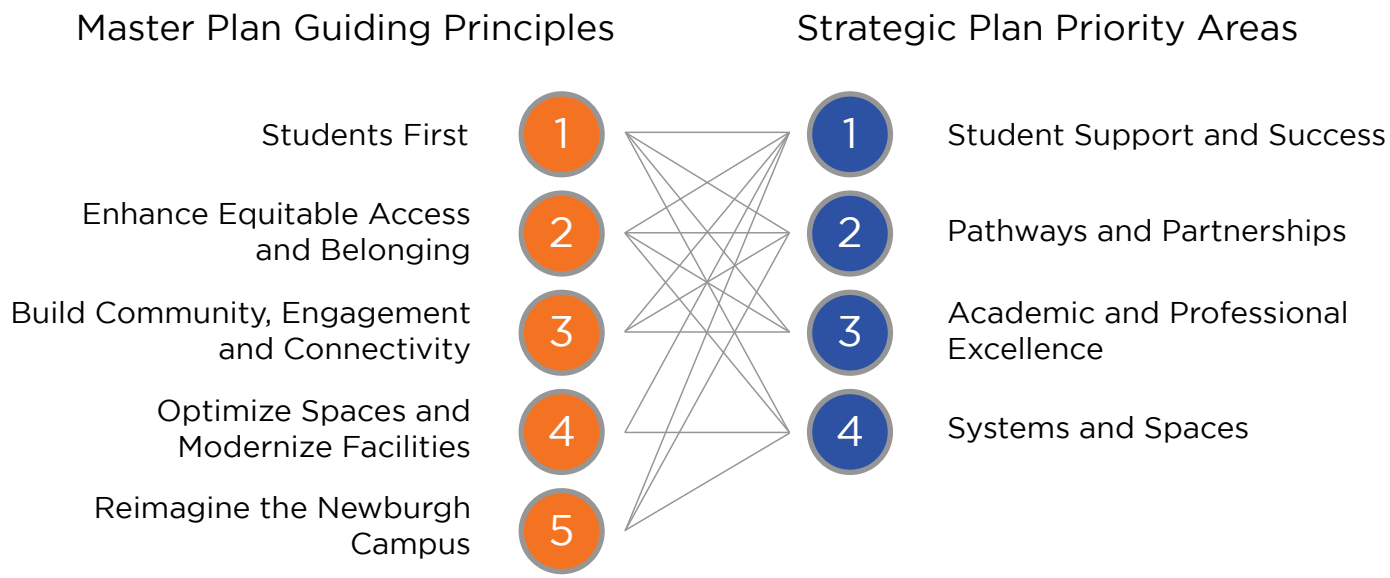
The planning team worked with the Steering Committee to establish guiding principles that will shape how the campus evolves over the next ten years. These principles are closely aligned with the new strategic plan to ensure that building upgrades support the College's broader goals for academic excellence, student success, and community involvement.

1. Students First

SUNY Orange is committed to creating a campus environment that is welcoming and supportive of a diverse student population. This principle reinforces the strategic plan's emphasis on student success, achievement, and persistence.

2. Enhance Equitable Access and Belonging

The College strives to ensure that all students have equitable access to campus resources and feel a strong sense of belonging. This aligns with strategic objectives focused on inclusion, accessibility, and student-centered support systems.



3. Build Community, Engagement, and Connectivity

Strengthening relationships within the campus community and with industry partners is central to the mission of SUNY Orange. Both the master plan and strategic plan emphasize the importance of building community among students, faculty, and staff by creating spaces that encourage collaboration and engagement.

4. Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity

To meet the needs of today's students and tomorrow's workforce, SUNY Orange must invest in flexible, modern learning environments. This principle supports strategic objectives related to technology, teaching innovation, and program expansion, while also addressing deferred maintenance to ensure long-term sustainability and resilience.

5. Reimagine the Newburgh Campus

The strategic plan identifies the potential of the Newburgh Campus to serve as a regional hub for health professions, workforce training, and academic advancement. The master plan includes targeted investments to enhance program offerings, improve campus infrastructure, and support equitable student outcomes in Newburgh.

To advance strategic plan priorities and realign campus resources based on the guiding principles, the master plan recommends a full renovation of the Bio-Tech Building, Harriman Hall, and Horton Hall for academic programs. Renovations to the Shepard Student Center and Physical Education Building will help to build community and engage students on the Middletown Campus. Targeted investments in Kaplan Hall and the Tower Building will ensure that the Newburgh Campus can support current and future workforce development programs.

Master Plan Framework

The master plan recommendations are organized around a broad conceptual framework that reimagines the campus as neighborhoods. These neighborhoods create homes for academic programs already established at SUNY Orange. The framework guided a vision for the future that supports academic programs, encourages collaboration, and creates a deeper sense of place.

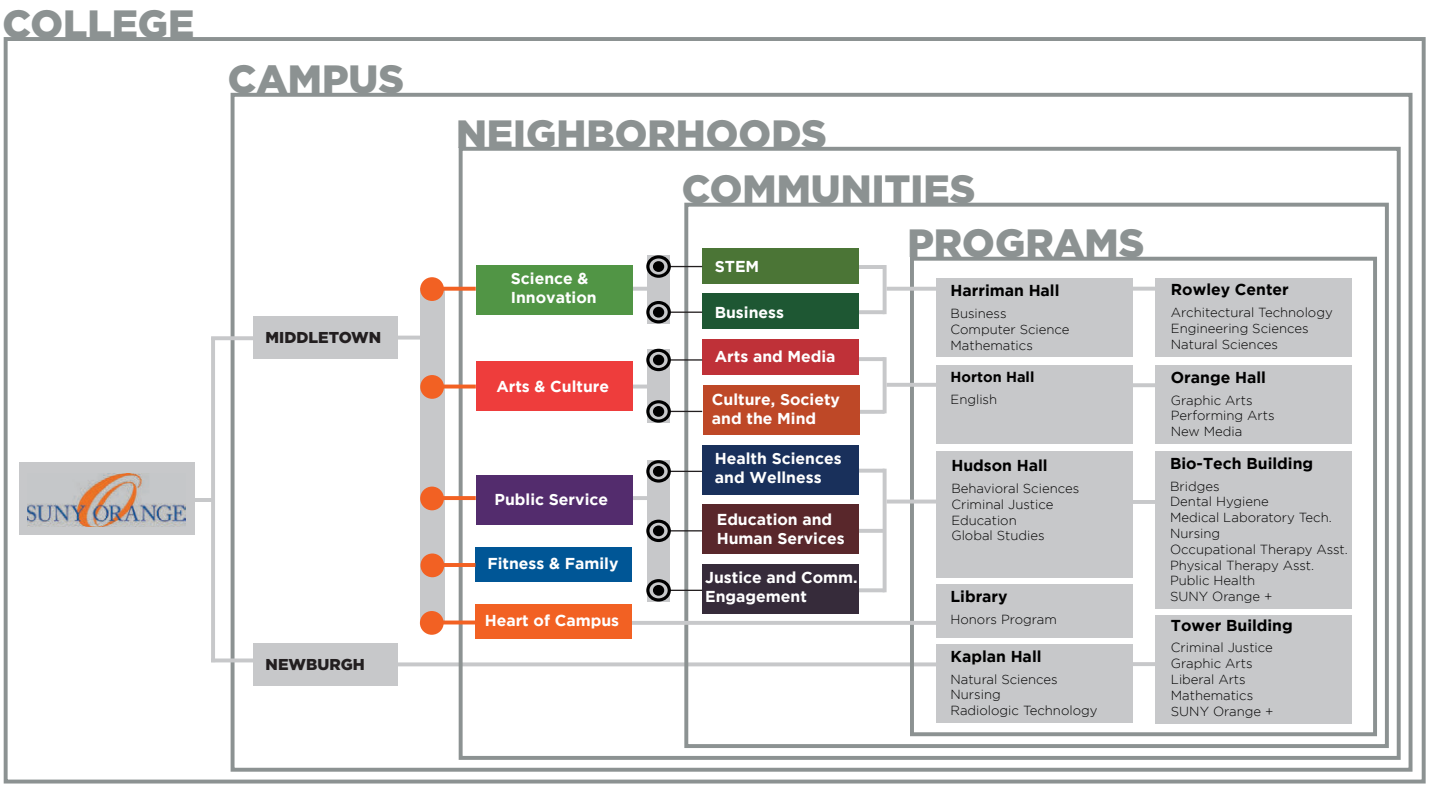
The graphics below and on the following page illustrate how the master plan framework supports the overarching mission of the ***College*** and its commitment to student success and lifelong learning. Pathways were established at each ***Campus*** to help students achieve their academic and personal goals.

Within the framework, five ***Neighborhoods*** were created to organize the campus into zones with buildings and programs that have a similar focus. The creation of identifiable neighborhoods will enhance wayfinding, encourage connectivity, and establish an identity for each program. Primary building entrances within each neighborhood serve as gateways and create both visual and physical connections back to Alumni Green, the symbolic heart of the campus.

Embedded within the neighborhoods are seven ***Communities***, each anchored by an informal learning space that acts as a front door for the academic and student life programs within the community. These front doors give each ***Program*** a distinct identity and create a strong sense of belonging within the larger campus network.

The recommendations in the master plan use gateways and front doors as organizational elements. These points of entry assist with wayfinding and reinforce a sense of arrival for campus neighborhoods and academic communities. They serve as both literal and symbolic thresholds to higher education.

Building on the priority areas identified in the strategic plan and guiding principles, this master plan will advance the mission of SUNY Orange and solidify the identity of each campus neighborhood and academic community. Recommended site improvements will nurture a sense of belonging and engagement. Proposed renovations will create dynamic learning environments that enhance provide opportunities for enrichment, foster lifelong learning, and create pathways to success.



Master Plan Framework

SUNY Orange Vision

Strengthening our community, transforming lives.

SUNY Orange Mission

We are dedicated to student success by providing accessible opportunities for enrichment, exceptional academic programs, and ***pathways*** to meaningful employment while fostering lifelong learning.

SUNY Orange Values

- We strive for ***excellence*** in all that we do, ensuring continuous improvement in all endeavors.
- We cultivate a dynamic teaching and learning environment which inspires a spirit of ***innovation***, encourages ***creativity***, and stimulates ***intellectual growth***.
- We nurture a sense of belonging through an ***inclusive*** and ***equitable*** environment where diverse perspectives are embraced and every individual has an opportunity to succeed.
- We promote ***collaboration*** and engage our college community to build partnerships that support and guide ***student-centered*** initiatives.
- We navigate challenges, learn from setbacks, and develop the mindset for academic and personal growth through ***perseverance*** and ***resilience***.
- We act and decide with ***integrity*** and ***care***, guiding our commitment to the well-being of our students and society.

COMMUNITIES

STEM
Experiment, Compute, Solve

Business
Manage, Analyze, Market

Arts and Media
Design, Create, Perform

Culture, Society, and the Mind
Explore, Reason, Appreciate

Health Sciences and Wellness
Help, Heal, Thrive

Education and Human Services
Teach, Care, Counsel

Justice and Community Engagement
Engage, Protect, Serve

NEIGHBORHOODS

Science & Innovation
Inspire Innovation and Encourage Creativity

Arts & Culture
Explore Artistic Expressions & Cultural Traditions

Public Service
Make a Difference in the Lives of Others

Fitness & Family
Promote a Healthy and Balanced Lifestyle

Heart of Campus
Create a Sense of Belonging

CAMPUS

Middletown Campus

Rooted in history, evolving for the future - where ***pathways*** to success are forged through learning, innovation, and a vibrant campus community.

Newburgh Campus

A place that inspires learning and facilitates goal achievement. A sense of "we are on ***parallel paths*** to a brighter future."

Existing Conditions Assessment

Introduction

As part of the master planning process, the planning team completed an assessment of the Middletown and Newburgh Campuses to identify site, infrastructure, and building issues. The assessment included reviewing data provided by the College, consulting with facilities staff, and visiting both campuses to evaluate key site and building components.

The Middletown Campus sits on approximately 29 acres of landscaped grounds that were originally part of the Morrison Estate. The existing conditions assessment included the primary academic and student life buildings on the campus.

The Newburgh Campus is located on an 8.2 acre site in the East End Historic District that overlooks the Hudson River. The condition of Kaplan Hall and the Tower Building were assessed as part of the plan.

Collegewide Capital Projects

Since the 2015 Facilities Master Plan, SUNY Orange has completed the following collegewide capital projects:

- Asphalt repaved, circa 2017.
- Wayfinding and signage installed, circa 2018.
- Security cameras Phase II installed, circa 2019.
- Security card system installed, circa 2020.

SUNY Orange has identified collegewide capital projects that will be completed in addition to those specified for each building:

- Electric car charging stations (locations to be determined) in 2024-2025.
- Repave pathways and roadways in 2028-2029.

An *ASHRAE Level II Energy Audit Review* was completed in 2023. The strategies in that report should be considered alongside the recommendations in this master plan.

Site Assessment

Site walkthroughs at both campuses were completed to evaluate current site conditions. The planning team was guided by a wide range of criteria including arrival and sense of place; pedestrian circulation; open space; vehicular circulation; and condition of pavement. As part of the assessment, landscaping and plantings were assessed for visual appeal and ecological health, wayfinding and signage were reviewed for clarity and navigability, pavements were examined for quality and accessibility, and outdoor spaces were evaluated for their suitability to accommodate recreation and community gatherings.

Horton Hall

Middletown Campus

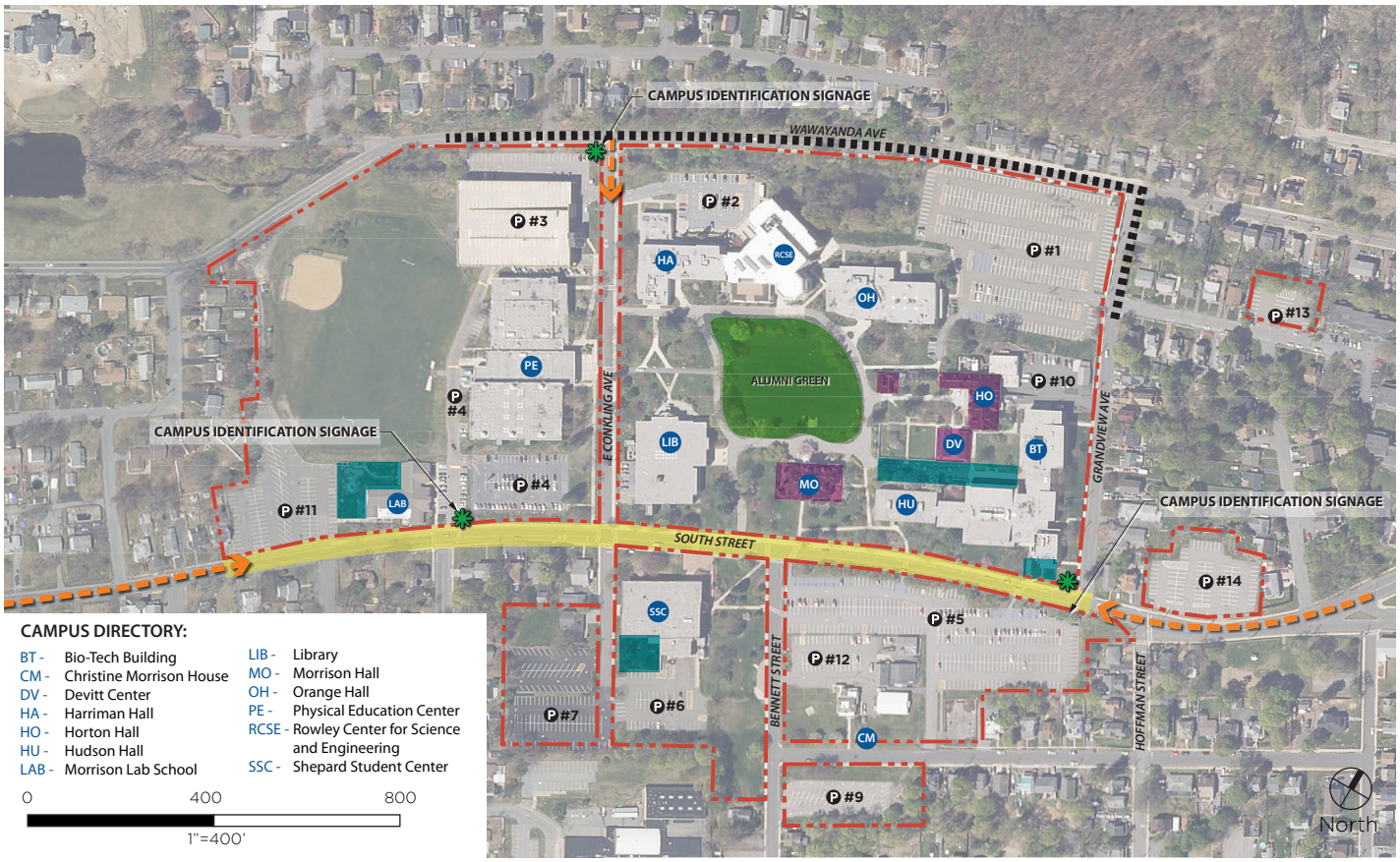
Arrival and Sense of Place

The experience of arrival to a campus has a significant impact on everyone who enters. The arrival process has the ability to cultivate feelings of welcome and inclusion while establishing the overall tone of the campus. Strategically designed access points, pathways, landscaping, and wayfinding work together to create a positive arrival experience that invites individuals into a campus environment.

Just as the arrival experience is essential, a college campus that fosters distinct spaces with a strong sense of identity and belonging creates a sense of place. Feeling a strong sense of place is important because it connects people with their community, supports well-being, deepens appreciation for cultural heritage, and encourages social interactions. It gives a campus its unique identity, making it memorable and meaningful to those who study and work there. Creating a sense of place involves several elements, including providing accessible and inviting gathering spaces that promote inclusivity, as well as accessible pathways, open spaces, and clear wayfinding to facilitate easy navigation of the campus. At SUNY Orange, it also means preserving historical features that enrich the campus character. The site plan below shows the arrival sequence and the environments that contribute to the sense of place at the Middletown Campus.

Arrival Sequence and Wayfinding

South Street acts as the main entrance to the Middletown Campus and serves as the "face" of the College. Parking Lot Five is the primary point of arrival for most students



Property Line
Primary Campus Approach
Parking
Gateway Signage
Iconic Open Space
Iconic Historic Buildings
Inadequate Gathering Space
"Face" of Campus
"Back" of Campus

and visitors. The lack of paved pathways and wayfinding signage in and around the parking lot creates directional confusion along South Street. The only pedestrian-level wayfinding signage available at the entrance is a campus directory map located at the northeast corner of South and Bennett Streets, which is insufficient to establish arrival and provide direction. Most of the branded wayfinding signage on campus identifies parking lots but does not offer clear directions for navigating within the campus itself. The signage is attractive and cohesive; however, many signs are deteriorating due to age.

Open Spaces

Alumni Green is a well developed open space at the campus core that serves as a point of orientation for pedestrians. Existing lighting and furnishings create a pedestrian friendly environment; however, the pathways surrounding Alumni Green are designed to accommodate maintenance and safety vehicles. The presence of standard vehicular traffic signage detracts from the pedestrian-friendly atmosphere of the space.

There is a lack of outdoor gathering spaces on campus. Although the paver pathway between Hudson Hall and the Bio-Tech Building is frequently used for informal gatherings, the space lacks aesthetic appeal. Pavements, raised planters, and furnishings are deteriorating and no longer support their intended use. Other areas that lack adequate outdoor support spaces are on the south side of the Shepard Student Center and at the entrance to the Bio-Tech Building.

Landscaping and Furnishings

The campus grounds are well-maintained, but site amenities and elements are not of a coordinated or consistent material, color or style. Many of the shrub and perennial beds are larger than necessary making them difficult to maintain in optimal condition. Large areas of overgrowth, unwanted species, and exposed mulch are common throughout the campus. Many trees are in close proximity to buildings, posing potential risks to building facades and foundations. Deer browsing on campus is damaging vegetation.

Large Mulched Planting Beds

Failing Planters & Inconsistent Furnishings

Lack of Informal Gathering Space

Gateway Signage

Insufficient Wayfinding Signage

Inconsistent Site Furnishings

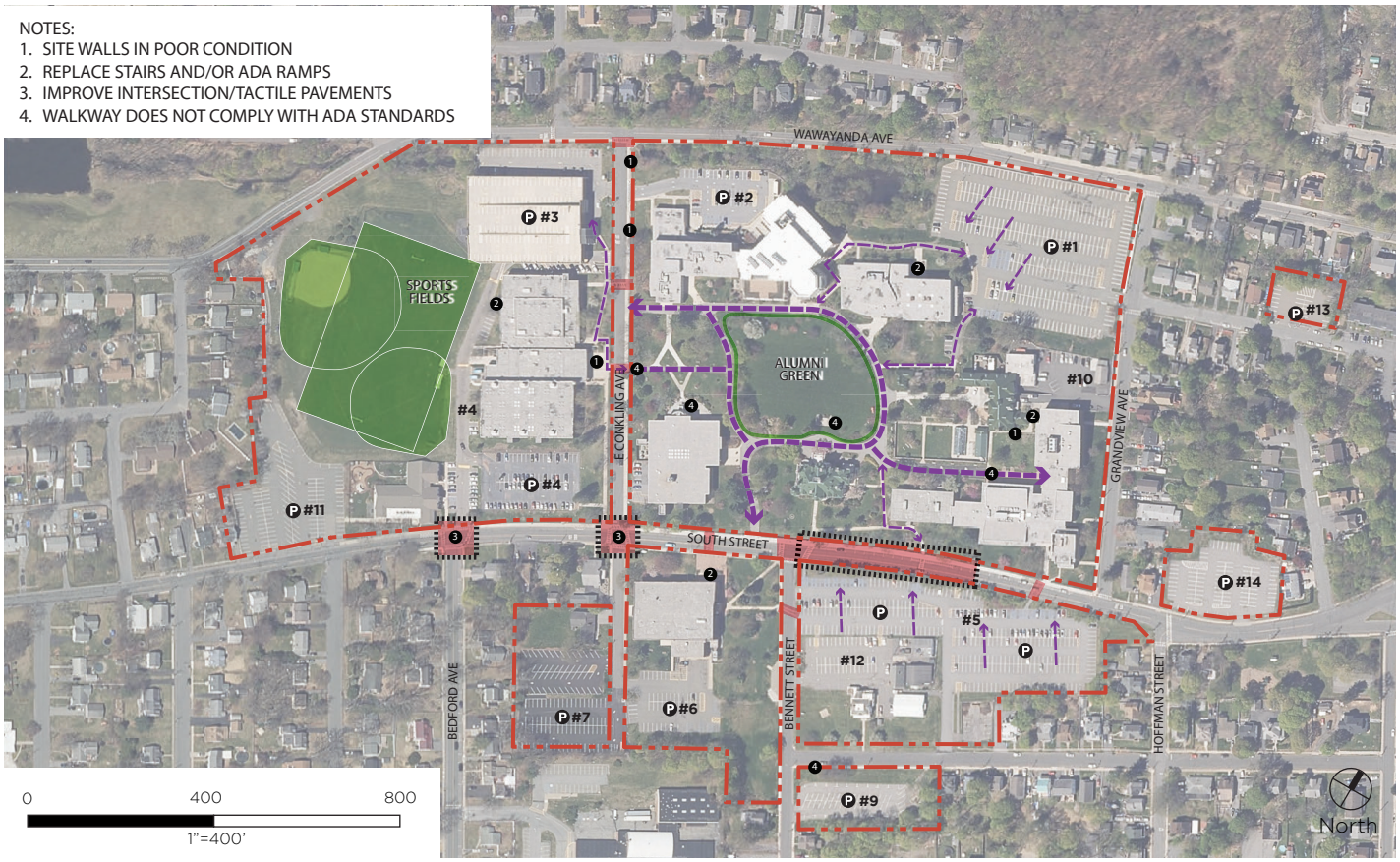
Pedestrian Circulation and Open Space

The College had made a significant effort to monitor and repair walkways and, as a result, most are in good condition. Some walkways, stairs, and ramps are in need of repair or replacement. Additionally, some areas do not comply with ADA Standards due to excessive slopes, differential settlement, or unstable surfaces. Overall, the campus would benefit from additional outdoor seating areas and informal gathering spaces. The site plan below shows pedestrian circulation patterns and open space on the Middletown Campus.

Pedestrian movement from Parking Lot 5 to the center of campus (across South Street) is challenging. There is no sidewalk on the south side of South Street or along the east side of Bennett Street. Three painted crosswalks are provided in the middle of the block, but most pedestrians travel across lawn areas to reach the center of campus.

The College has expressed a strong commitment to the integration of universal accessibility on the Middletown Campus. Recommended site improvements will address the condition of pavements, changes in grade, and steps/ slopes associated with older buildings. Other areas in need of pedestrian improvements include:

- The pavement and tactile warning plates should be repaired/replaced at the intersection of South Street and East Conkling Avenue and South Street and Bedford Avenue.
- There are a limited number of sidewalks in the vicinity of Parking Lot 11.



- The brick and concrete retaining walls, concrete stairs, and stamped concrete pavement on the north side of the Shepard Student Center are in poor condition with differential settlement.
- The paver plazas on the north side of the Library and Orange Hall have differential settlement and do not comply with current ADA Standards.
- Pavements and raised planters in the plaza between Horton Hall and the Bio-Tech Building are in poor condition. Furnishings in the plaza are inconsistent.
- The concrete stairs between Horton Hall and the Bio-Tech Building are in poor condition.
- The concrete stairs on west side of the Physical Education Center are failing.
- Playground surfaces at the Morrison Lab School are in poor condition. Much of the vegetation is overgrown vegetation and there is a lack of shade.
- The stage on Alumni Green does not have the ramps required by current ADA standards.

Failing Concrete Stairs Between Horton Hall and the Bio-Tech Building

Failing Planters and Inconsistent Furnishings

Differential Paver Settlement at Plaza North of the Library

Concrete Pavement and Curb Ramps Need Replacement

Stamped Concrete Pavement at Library Entrance Needs Replacement

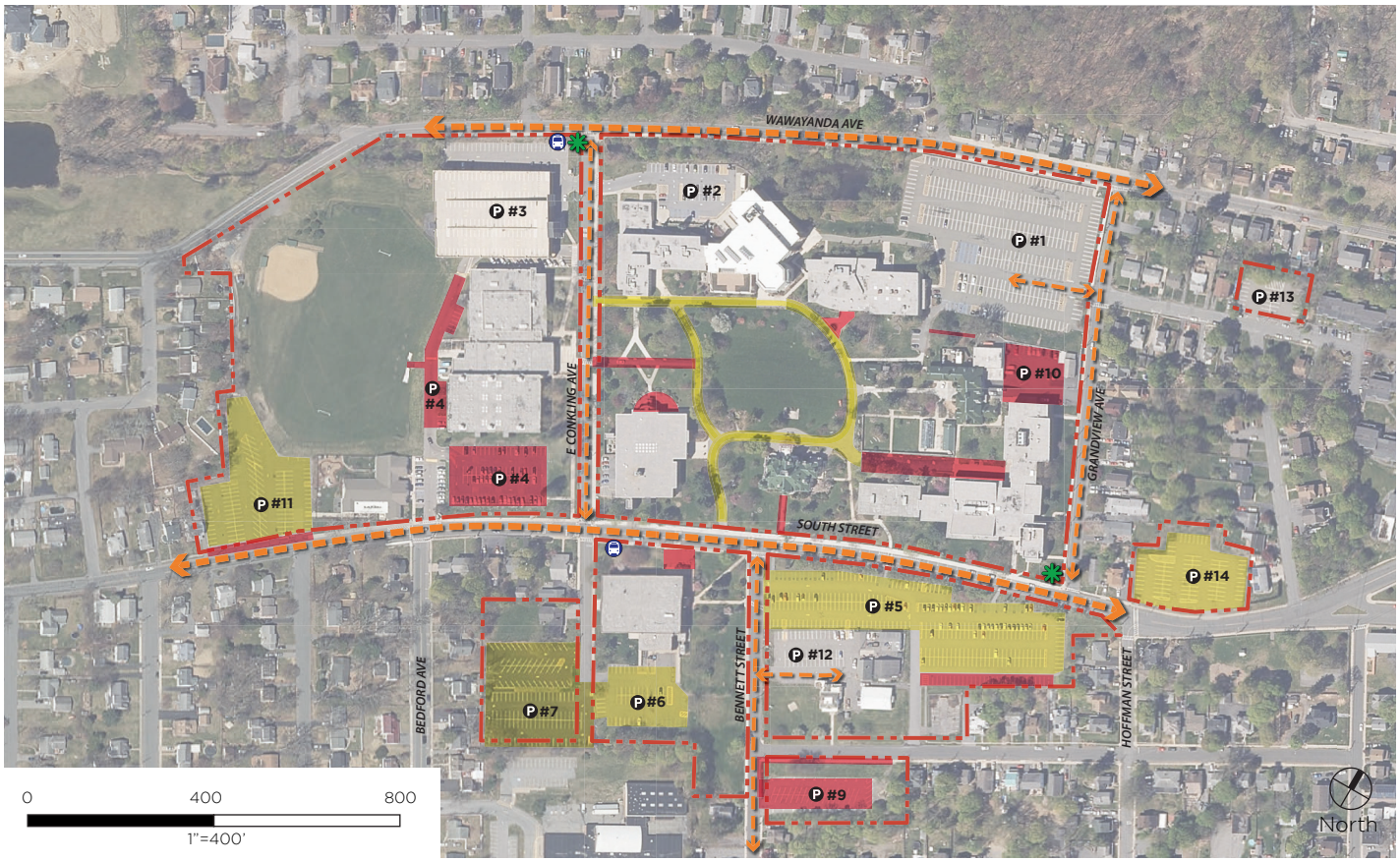
Stage at Alumni Green Not Accessible

Pedestrian Circulation and Open Space

Vehicles approach campus primarily via South Street and Wawayanda Avenue. Students, faculty, staff, and visitors are permitted to park in fourteen parking lots predominantly located around the perimeter of campus. Vehicular access into the center of campus is restricted to authorized vehicles only.

An assessment of pavement condition was conducted to identify surfaces that are most in need of repair or replacement. The results are shown on the site plan below. The planning team used a rating system of good, fair, and poor to evaluate the condition of pavements. The rating definitions are:

- Good - No improvements are required at this time. Follow preventative maintenance routines (minor crack repair, re-caulk joints, seal pavements) as needed.
- Fair - Condition of pavement is at minimally acceptable levels. Rehabilitation is recommended for appearance and to prevent further deterioration.
- Poor - Condition of pavement is below minimally acceptable levels. Pavements are deteriorated, do not comply with current ADA Standards, and cannot be corrected with minor alterations. These include pavements where preventative maintenance or rehabilitation are no longer feasible.



Other areas on the Middletown Campus were identified for vehicular and pavement improvements:

- Parking Lot 4 is a converted court surface that is in poor condition.
- Parking Lot 9 is underutilized and in poor condition. Sidewalks leading to campus are not accessible and also in poor condition.
- The east-west walkway from the Physical Education Building to Alumni Green has excessive slopes and does not comply with ADA Standards.
- While improvements have been made to conditions along South Street, additional traffic control devices, raised crosswalks, and signage are needed.

Concrete Walkway in Poor Condition

Walkway Not Accessible due to Excessive Slope

Asphalt Pavement in Poor Condition

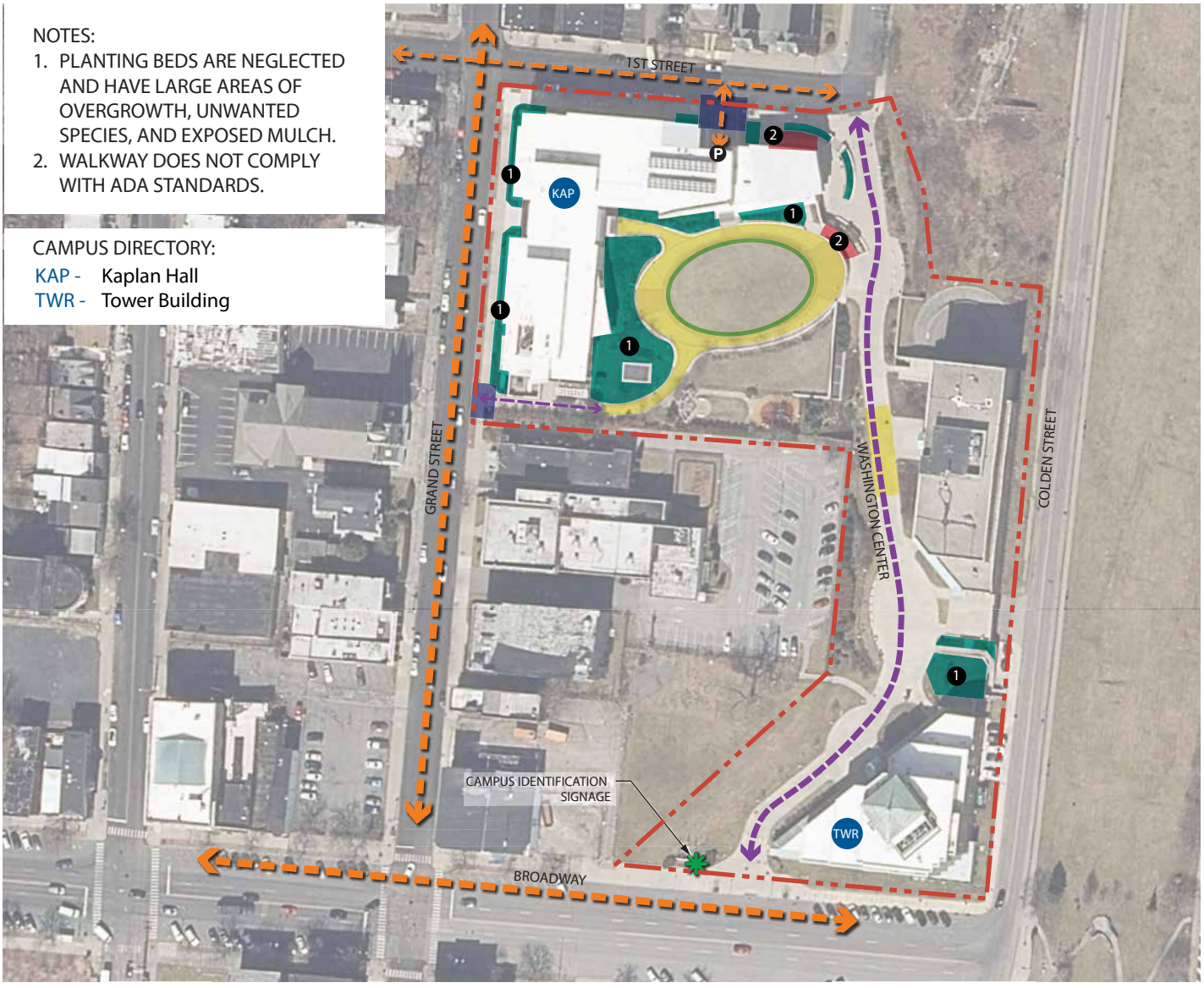
Differential Settling of Pavement Materials

Asphalt Pavement in Poor Condition

Newburgh Campus

The Newburgh Campus benefits from newer construction and site materials, with facilities generally in good condition. Differential settlement, however, has caused some walkways, stairs, and ramps to no longer comply with ADA Standards. The site plan below show circulation routes, open space, and pavement condition.

- The main stairs to the top level of the parking garage are in poor condition.
- Due to heaving concrete, walkways along Washington Center have been shaved to accommodate accessibility. Replacement may be needed.
- The pedestrian ramp from First Street is no longer accessible due to differential settlement.
- Shrub and perennial beds are large and difficult to maintain. Large areas of overgrowth, unwanted species, and exposed mulch areas were observed throughout campus.

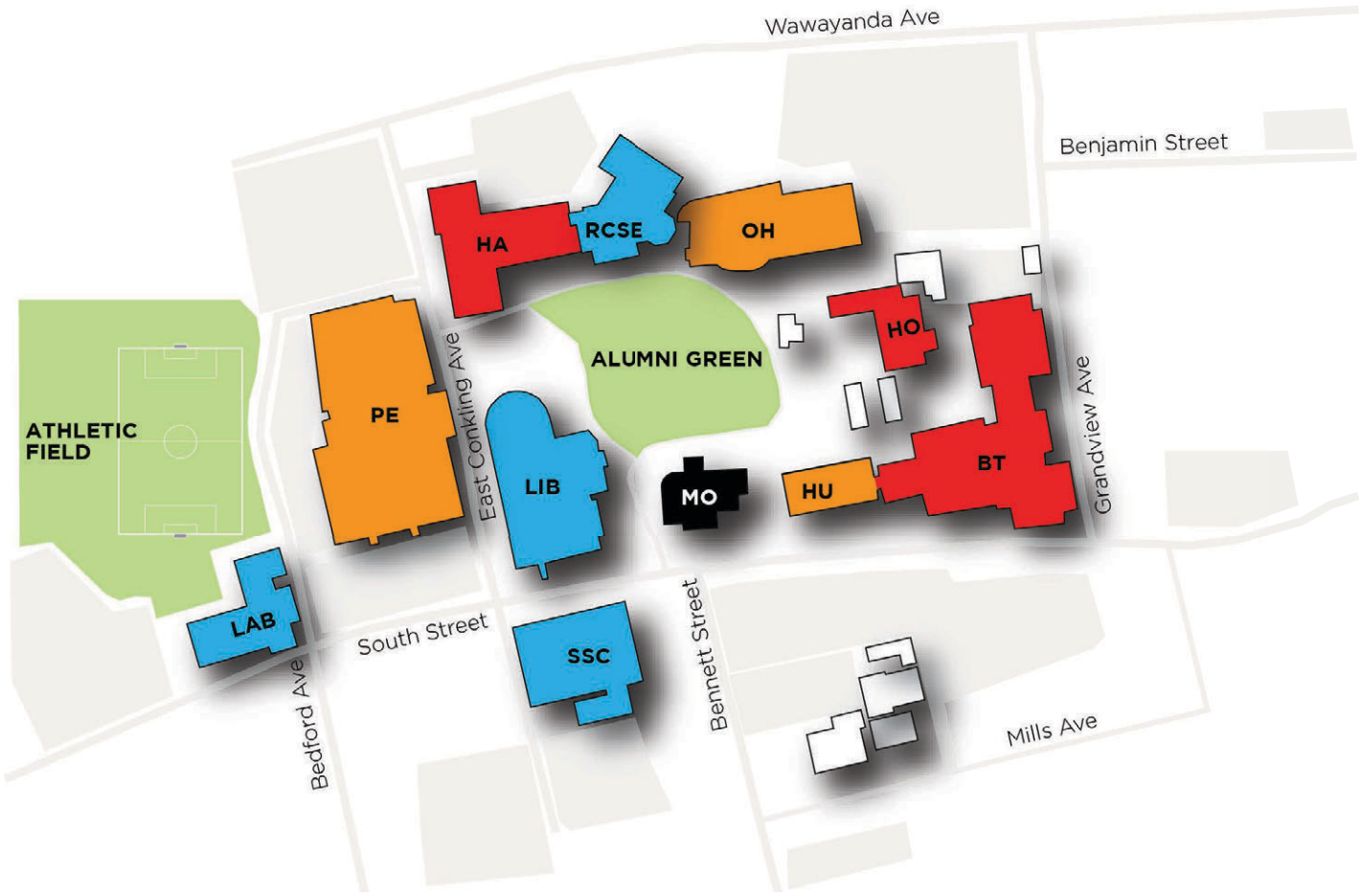


Building Assessment: Middletown Campus

Building walkthroughs focused on the condition of building systems, suitability of existing space, and compliance with the New York State Building Code (NYSBC) and ADA Standards for Accessible Design (ADA). The condition assessment is based on field observations of the exterior, interior, mechanical, and electrical systems. Each building was rated on a scale of good, fair, or poor.

Buildings in "good condition" are generally at an acceptable level with only routine maintenance required to maintain that level. A rating of "fair condition" indicates that building conditions are at a minimally acceptable level. Improvements greater than routine maintenance may be required. Buildings in "poor condition" are below minimally acceptable levels. Substantial improvements and considerable maintenance are required in these buildings.

Based on the existing conditions assessment, four buildings on the Middletown Campus were in good condition, three were in fair condition, and three will require a significant investment.



Good
Fair
Poor
Under Renovation

North

BT - Bio-Tech Building
HA - Harriman Hall
HO - Horton Hall
HU - Hudson Hall
LAB - Morrison Lab School
LIB - Library
MO - Morrison Hall
OH - Orange Hall
PE - Physical Education Center
RCSE - Rowley Center for Science & Engineering
SSC - Shepard Student Center

The matrix below summarizes the condition of building systems on the Middletown Campus. The matrix includes capital projects that have already been identified by SUNY Orange, projects that were identified by the planning team as part of the existing conditions assessment, and projects that are underway and/or partially complete. SUNY Orange has already identified roof replacement projects at seven buildings and a significant number of projects to update mechanical and electrical systems.

As shown in the matrix, a significant number of projects were identified to improve building systems in the Bio-Tech Building, Harriman Hall, and Horton Hall. These include updates to the exterior envelope, window systems, roofs, and mechanical systems.

Based on the assessment, the following buildings do not have a fire protection system:

- Bio-Tech Building
- Harriman Hall
- Horton Hall
- Library
- Morrison Hall
- Physical Education Building
- Shepard Student Center

Orange Hall is partially protected with a sprinkler system in the gallery on the north side of the building. As these buildings are renovated, the College should consider adding a sprinkler system.

	Building Exterior					Building Interior								Building Mechanical								Building Electrical						
	Foundations	Walls	Windows/ Louvres	Doors/Frames/ Hardware	Roof	Floors	Walls	Ceilings	Doors/Frames/ Hardware	Built-In Furnishings	Stairs	Elevators	Specialty Systems	Air Handling Systems	Distribution/ Terminal Units	Chilled Water Terminal Units	Hot Water Plant	(HVAC) Controls	Fire Protection	Domestic Water	Drainage	Electrical Distribution	Power Wiring	Emergency Power	Fire Alarm	Lighting	Tel/Data Systems	Security
Bio-Tech Building		◪			■	□	□	◪	□	□	□			■	■	■	■	■			□	■			■	◪		■
Harriman Hall		□	□		■	□		◪						■	■		■	■			■	□			■	□		■
Horton Hall			□	□		□	□	□			□			□	□		■	■		□	□	□			■	□		■
Hudson Hall		□	□		■			□									■	■		□	□				■	□		■
Library	□	□	□		■		□							■		■	■	■				□			■	◪		■
Morrison Hall						□	□	□							■	■	■	■				□			■	□		■
Morrison Lab Sch.																		■	■						■			■
Orange Hall		□	□		■	□	□	□	□	□				□			■	■			□				■	□		■
PE Center		□			■	□				□				□		■	■	■		□		□			■	◪		■
Rowley Center						□	□	□		□						■	■	■							■			■
Shepard Center		□	□		■					□				■		■	■	■			□	□			■	□	□	■

Middletown Campus Conditions Matrix

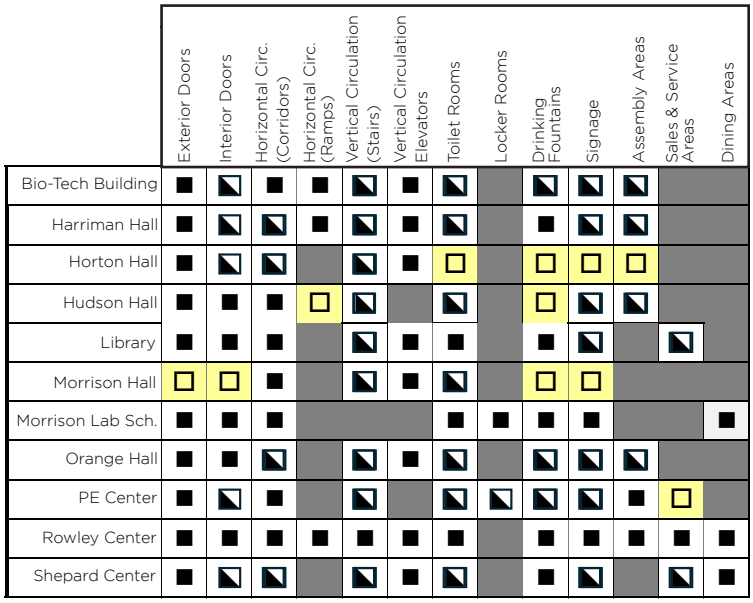
■ Identified Capital Project
□ Condition Identified by Planning Team
◪ Partially Completed
Not Applicable

Many of the buildings on the Middletown Campus were constructed before the ADA Standards for Accessible Design were adopted by the Department of Justice (1991). While there are accessibility concerns in these buildings, SUNY Orange has made a considerable effort to improve accessibility campus-wide.

The Morrison Lab School and Rowley Center for Science and Engineering are in full compliance with the standards. The remaining buildings are partially compliant and should be made fully accessible when they are renovated. Accessibility issues were evaluated as part of the 2015 Facilities Master Plan. The detailed list of issues from that plan are included in Appendix A for reference.

The College has made a significant investment in campus infrastructure since the last master plan and has identified capital projects for the 2025 – 2030 period that are awaiting funding. However, there are projects from the 2015 Facilities Master Plan Update that still need to be addressed to maintain building systems.

The detailed existing condition assessments on the following pages include a list of completed projects, capital projects that have already been identified by the College, remaining projects from the 2015 Facilities Master Plan, and additional field observations. Existing condition reports from the previous master plan can be found in Appendix A.



Middletown Campus Accessibility Matrix

Compliant
Partially Compliant
Address During Renovation
Not Applicable

Bio-Tech Building

Year Constructed: 1974
Gross Square Footage: 118,452

The Bio-Tech Building houses general classrooms, lecture halls, and specialized lab spaces for Clinical Laboratory Science, Criminal Justice, Computer Science and Technology, Dental Hygiene, Diagnostic Imaging, Education, Nursing, Occupational Therapy Assistant, and Physical Therapy Assistant. It is connected to Hudson Hall on multiple levels.

The first floor contains office and support space for Information Technology and Facilities. The second floor houses the Dental Hygiene and Nursing Programs, including a dental clinic that is open to the public. The third floor is dedicated to the Clinical Laboratory Science and Diagnostic Imaging Programs.

Architectural Elements

Completed Projects

Exterior

- Some windows replaced with double-glazed, thermally broken units
- Repairs to the south facade and entrance
- Roof recoated
- Exterior ADA ramp installed

Interior

- Nursing Classrooms 206 and 208, and Simulation Lab 210B updated with new equipment and furnishings
- Ceiling tiles replaced in the majority of spaces
- Hallways and some classrooms painted

Projects Identified by the College

Exterior

- Roof replacement in 2028-2029

Building Systems

Completed Projects

Mechanical

- Boilers replaced circa 2019
- Some fan coil units upgraded circa 2018
- Cooling tower replaced circa 2022
- New equipment controls upgraded to Direct Digital Control system

Electrical

- Upgraded 500 lighting fixtures to LED

Projects Identified by the College

Mechanical

- Pneumatic Control System conversion to Building Management System in 2025-2026
- Air handler unit replacement Phase I in 2025-2026
- Fan coil heater upgrade and uni-vent replacement in 2027-2028
- Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030

Electrical

- Door Access control upgrade in 2024-2025
- Fire alarm system upgrade in 2025-2026
- Switchgear upgrade in 2026-2027

	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Replace curtainwall system • Install energy efficient windows • Repair masonry Interior • Renovate Lecture Halls 207 and 311 • Update science labs • Replace ceiling tiles • Refinish wood stairs • Replace raised floor system in Data Center	Exterior • Roof and skylights have leaks and drainage issues. • Ceiling leaks have occurred in Nursing Autotutorial Lab 229 and third floor corridor 300G. • Spalling and missing mortar are noted on the facade, and the exposed sloped masonry below the windows shows water damage. Interior • Lab tables and casework in Dental Lab 213 are in fair to poor condition, with asbestos found in countertops. • Furnishings in Dental Clinic 233 show signs of aging, while seating in the waiting room is outdated and in fair condition. • Casework in Nursing labs 206, 208, and 209 is in fair to poor condition. • Several classrooms and labs have outdated tablet armchairs. • Original spline ceiling tiles are in fair to poor condition and contain asbestos. • Floor tiles are good to fair; those in Occupational Therapy Lab 204 are poor, and base tiles in Men's Toilet Room 222 are cracked and missing. • Concrete masonry walls in some corridors are missing mortar, and the walls in Nursing Autotutorial Lab 229 are damaged. • Wood and metal door finishes show deterioration from normal use. • Changing Room 152 and the lockers are outdated. • Furnishings in Student Lounge 224 and Lobby 226 are outdated and in fair condition. • There is a lack of student gathering spaces and soft seating. • Keypad door locking systems are malfunctioning in most areas. • Interior signage and wayfinding are inadequate.
Building Systems	Mechanical • Install new rooftop units Electrical • Upgrade remaining lighting fixtures to LED	Mechanical • Chiller is nearing end of useful life. • Water pressure issues are occurring throughout the building. • Classroom spaces are not connected to the Building Automation System. Electrical • Zoned fire alarm system is non-addressable.

Deteriorated Masonry at Windows

Missing Mortar at Interior Corridor Walls

Failed Sealant at Curtainwall System

Leak in Ceiling

Casework in Poor Condition

Chiller Nearing End of Life

Outdated Pneumatic Controls

Non-Addressable Zoned Fire Alarm

Harriman Hall

Year Constructed: 1963
Gross Square Footage: 55,000

Harriman Hall houses many of the classrooms and offices on the Middletown Campus. An internal connection to the Rowley Center for Science and Engineering was established when that building was constructed in 2014.

The first floor features specialized instructional space for studio art, a student gallery, general classrooms, and a tiered lecture hall. Television and sound studios for the New Media Program are located on the north end of the first floor (behind the lecture hall). The Business Program in located on the second floor, where the College recently invested in a Business Learning Center. Classrooms and offices for the Mathematics Program, as well as the Math Tutorial Lab, are located on the third floor.

Architectural Elements

Completed Projects

Exterior

- Metal fascia installed at exposed blocking at roof perimeter

Interior

- Interior finishes upgraded in some areas:
  - Certain floor tiles, carpet, and ceiling tiles replaced
  - Corridors and some classrooms painted
- Science Labs 312, 314, and 316 repurposed for classrooms
- Technology and furniture in some classrooms have been updated
- Lift installed

Projects Identified by the College

Exterior

- Drainage upgrades and repairs in 2024-2025
- Roof replacement in 2028-2029

Building Systems

Completed Projects

Mechanical

- Console fan coil units that provide ventilation upgraded or replaced

Electrical

- Sound system replaced

Projects Identified by the College

Mechanical

- Pneumatic Control System conversion to Building Management System and critical heating, ventilation, and air conditioning equipment replacement in 2025-2026
- Fan coil heater upgrade in 2027-2028
- Uni-vent replacement in 2027-2028
- Rooftop units replacement in 2027-2028
- Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030

Electrical

- Door Access control upgrade in 2024-2025
- Fire alarm system upgrade in 2025-2026

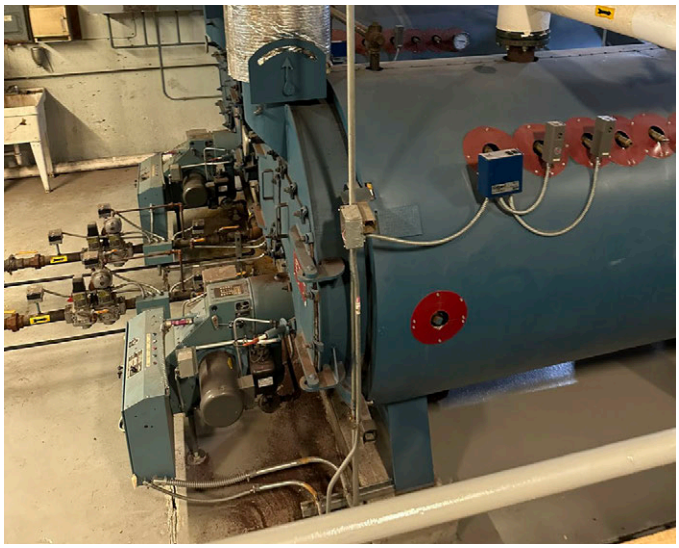
	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Patch roof • Replace curtainwall system Interior • Upgrade interior finishes	Exterior • Roof leaks are occurring in several areas of the building. • Original window system is in poor condition. Interior • Damaged ceiling tiles were observed in several areas. • Gutter in Student Lounge 102 to direct flow of water beneath the building is inefficient. • Ceiling leaks have occurred in Classroom 113. • Furnishings are outdated in some classrooms and Student Lounges 102 and 119D. • Floor tiles, carpet, and ceiling tiles throughout the building are in fair condition. The carpet in Office 202 is in poor condition. • Light sensors are not working in all areas. • There is a lack of student gathering spaces and soft seating. • Interior signage and wayfinding are inadequate.
Building Systems	Mechanical • Install air-conditioning system in television studio and art studios Electrical • Inspect and upgrade original electrical gear • Upgrade all lighting fixtures to LED	Mechanical • Abandoned steam pipe in room 116 has built up groundwater and is causing water infiltration through the wall. This should be a top priority for the College. • Boilers are nearing end of life. • Classrooms are not tied into Building Automation System. Electrical • Original switchgear and distribution are circa 1963 and showing signs of age. • Sound system in Lecture Hall 111 is not functioning.

Single-Pane Windows in Poor Condition

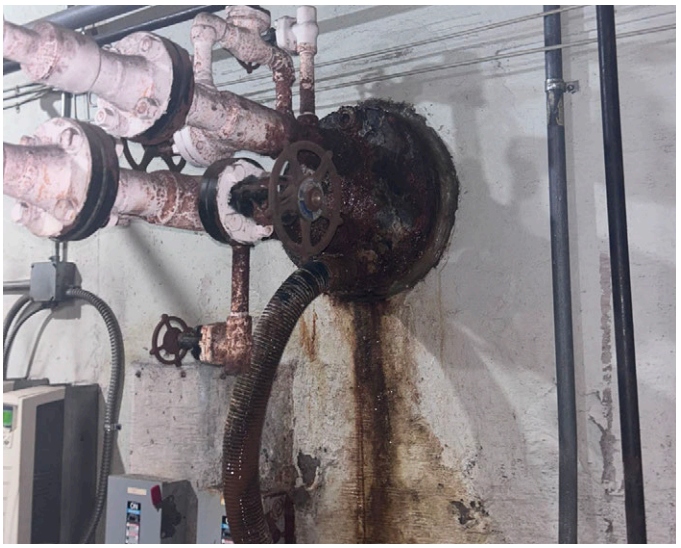
Damaged Masonry

Damaged Ceiling Tiles

Outdated Student Lounge

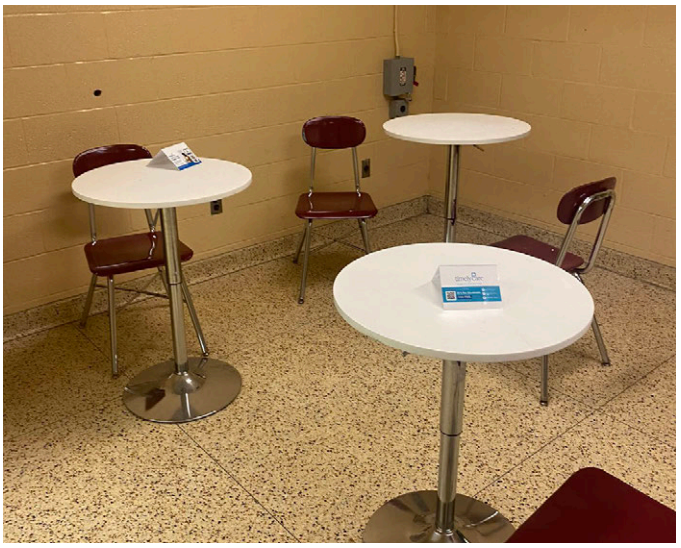


Boiler Nearing End of Life



Abandoned Steam Pipe

Inefficient Gutter at Student Lounge



Lack of Soft Seating

Horton Hall

Year Constructed: 1906
Gross Square Footage: 24,410

Horton Hall was part of the original estate and served as a carriage house prior to the formation of the College. At that time, it was renovated for instructional space. Since then, it has been converted to office and support space for Facilities and Security. The College is planning to replace the roof of the building following the work being done at Morrison Hall.

The location, historic character, and adjacent gardens make Horton Hall an ideal candidate for renovation. The configuration of the building, construction type, and likely presence of hazardous materials, however, may limit what work can be done in the building.

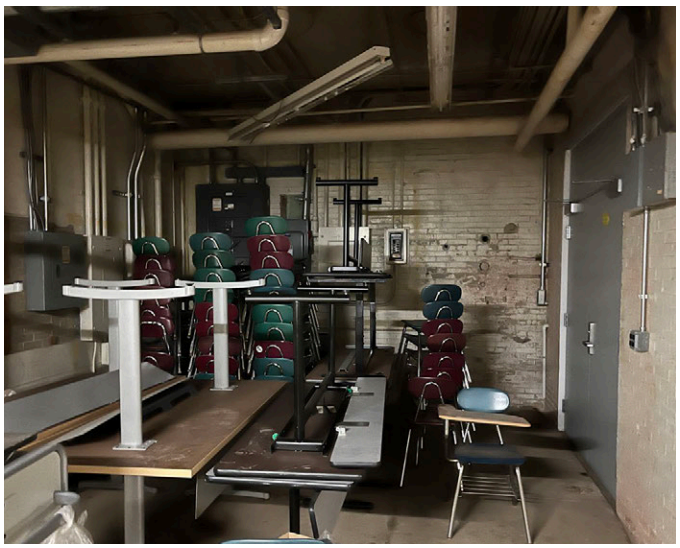
	Completed Projects	Projects Identified by the College
Architectural Elements	Interior • First floor former Science Labs 102, 107, and 108 and former tiered Classroom 101 repurposed for storage	
Building Systems	Mechanical • Boilers replaced in the last five years	Mechanical • Pneumatic Control System conversion to Building Management System in 2025-2026 • Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030 Electrical • Door Access control upgrade in 2024-2025 • Fire alarm system upgrade in 2025-2026

	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Investigate drainage issues • Install energy efficient windows Interior • Replace interior finishes	Exterior • Walls are in good condition. Some original windows are in fair condition. • Roof is in fair condition with missing tiles in some areas. Interior • Interior finishes on the first and second floors are in fair to poor condition. • Water infiltration is occurring in the basement. • Building storage is inefficient. • Ceiling leaks have occurred in room 205B. • Spiral staircase 110C is unstable and shifts when in use. • Interior signage and wayfinding are inadequate.
Building Systems	Electrical • Increase building electrical capacity • Upgrade lighting fixtures to LED	Mechanical • There are hot water loop issues. All bathrooms contain instantaneous hot water heaters; the central domestic hot water system appears to be broken. • Domestic and drainage piping is deteriorating. Electrical • Moisture issues exist in the secondary electrical room.

Broken Roof Tiles

Deteriorated Window Frame

Water Infiltration



Inefficient Storage

Damaged Interior Finishes

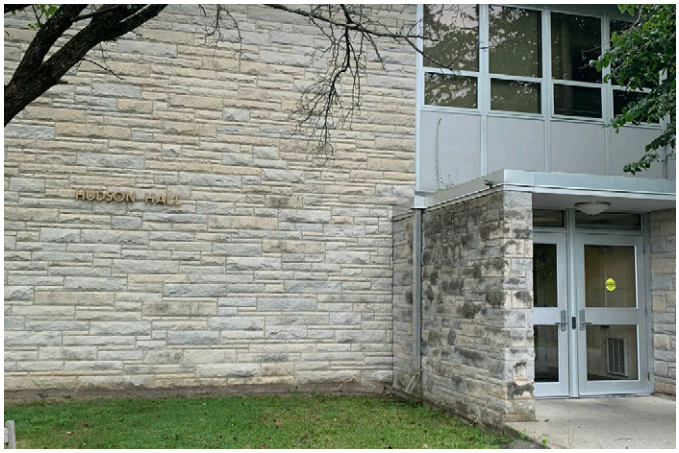
Deteriorated Piping

Leak at Ceiling

Unstable Spiral Staircase 110C

Hudson Hall

Year Constructed: 1955
Gross Square Footage: 15,918



Hudson Hall, constructed in 1955, was the first building constructed for SUNY Orange on the Middletown Campus. It is adjacent to Morrison Hall and connected to the Bio-Tech Building on the first and second floors.

The first floor houses originally contained lecture halls and science labs, but was recently renovated to provide faculty offices and support space for Behavioral Sciences, Criminal Justice, and Global Studies. The second floor is primarily dedicated to instruction, featuring nine general classrooms and associated support space. The second floor was not included in the recent renovation project.

Architectural Elements

Completed Projects

Interior

- Classroom technology, flooring, and ceiling tiles updated in some areas
- First floor Science Labs 101, 104, 105, and 108 along with Lecture Halls 107 and 111 renovated and repurposed to office space and a conference room

Projects Identified by the College

Exterior

- Roof replacement in 2028-2029

Building Systems

Completed Projects

Mechanical

- Packaged roof top units installed circa 2017-2018

Electrical

- New electrical distribution and service circa 2015

Projects Identified by the College

Mechanical

- Pneumatic Control System conversion to Building Management System in 2025-2026
- Boiler replacement in 2027-2028
- Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030

Electrical

- Door Access control upgrade in 2024-2025
- Fire alarm system upgrade in 2025-2026

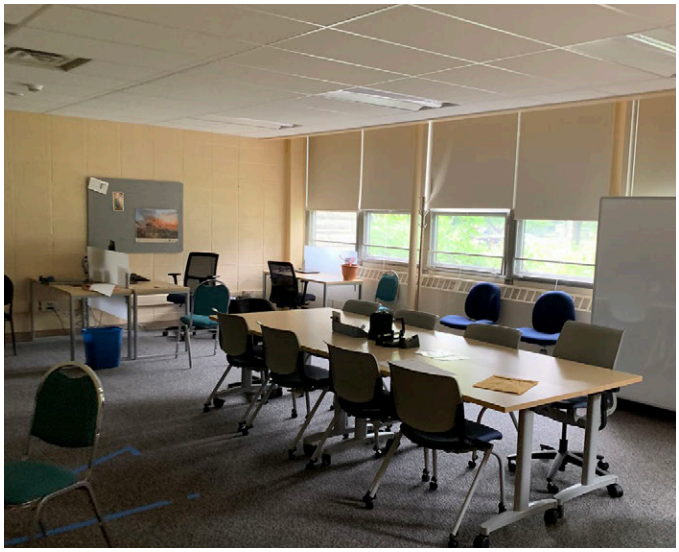
	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Recoat or replace roof • Replace curtainwall infill panels • Replace sealant between curtainwall and adjacent masonry walls • Install missing soffit panels at perimeter of building Interior • Update second floor classrooms	Exterior • Curtainwall is in fair to poor condition • Roof is in fair to poor condition Interior • Ceiling tiles are in poor condition in some areas. • There is a lack of student gathering spaces and soft seating. • The layout of Adjunct Office 102 is inefficient, and some of the furnishings are not suitable.
Building Systems	Mechanical • Replace deteriorating domestic and drainage piping Electrical • Upgrade lighting fixtures to LED	Mechanical • Cleanout crawl space is in poor condition.

Entrance from Alumni Green

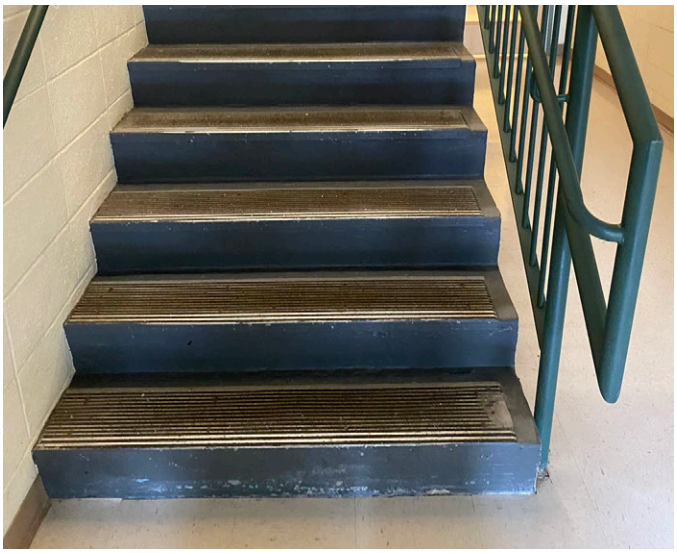
Window System in Poor Condition

Second Floor Classroom

Outdated Classroom Furnishings



Inefficient Layout in Adjunct Office 102



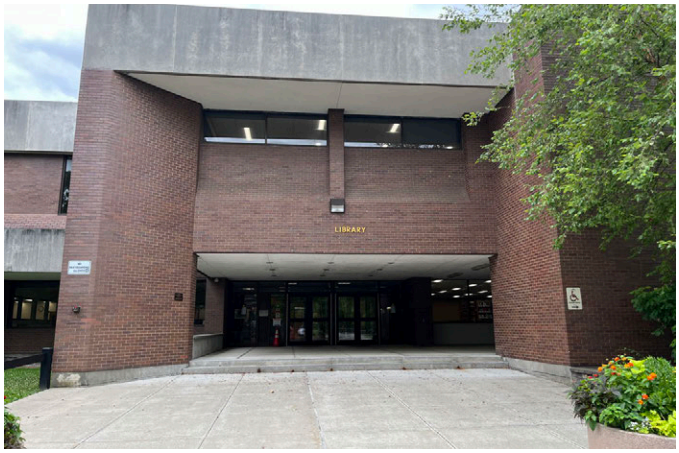
Main Stairwell

Outdated Lighting

Inefficient Crawl Space Cleanout

Library

Year Constructed: 1973, Renovated: 2006
Gross Square Footage: 48,797



The Library is located at the corner of South Street and East Conkling Avenue. It house the library collection, as well as classrooms, offices, computer labs, and study rooms for individual and group work. The Center for Student Success, located on the second floor, provides one-on-one tutoring, drop-in assistance, study groups, and workshops.

The Gilman Center is located on the south side of the building and includes a large presentation room with open spaces where students can gather for informal discussions. Archival materials are stored on the lower level. The College reported that the Archive Room needs a dedicated dehumidification system.

Completed Projects

Architectural Elements

Interior

- Main entrance refurbished
- Accessible station installed at reference desk at entrance
- Updated furnishings, power, and data ports installed in the Center for Student Success Room 220

Building Systems

Mechanical

- Chiller and cooling tower replaced circa 2021
- New air-cooled chiller circa 2024

Electrical

- Upgraded 400 lighting fixtures to LED

Projects Identified by the College

Architectural Elements

Exterior

- Roof replacement in 2028-2029

Building Systems

Mechanical

- Pneumatic Control Systems conversion to Building Management System in 2025-2026
- Air handler unit replacement Phase 1 in 2025-2026
- Air handler unit replacement Phase 2 in 2026-2027
- Perimeter drainage and pump system in 2029-2028
- Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030

Electrical

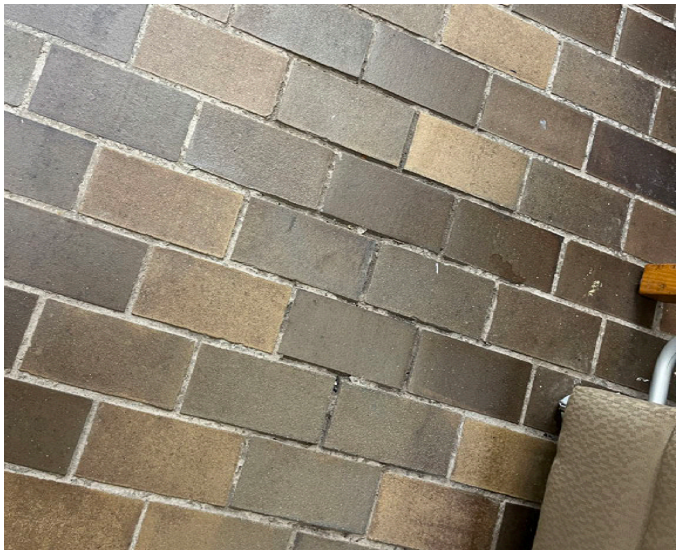
- Door Access control upgrade in 2024-2025
- Fire alarm system upgrade in 2025-2026

	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Install energy-efficient windows Interior • Update second floor classrooms • Renovate toilet rooms	Exterior • Brick facade is spalling. • Cracks were observed in concrete foundation wall. • Original single-pane windows are in poor condition. Interior • Interior finishes are in good condition with some signs of deterioration due to normal use. • Mortar joints in walls and floors are discolored. Mortar is missing in some areas. • Ceiling tiles in some areas are in fair condition. • Soft seating in the Reading/Writing Center waiting area is starting to show signs of age. • Interior signage and wayfinding are inadequate.
Building Systems	Mechanical • Additional zoning required for thermal comfort Electrical • Inspect and upgrade original electrical switchgear • Upgrade outdated lighting fixtures to LED	Mechanical • Original boilers, circa 1974, are nearing end of life. • Original air handling unit is nearing end of life. • Original roof top unit in Gilman Center is nearing end of life. Electrical • Original switchgear and distribution, circa 1963, should be replaced.

Cracked Concrete at Foundation Wall

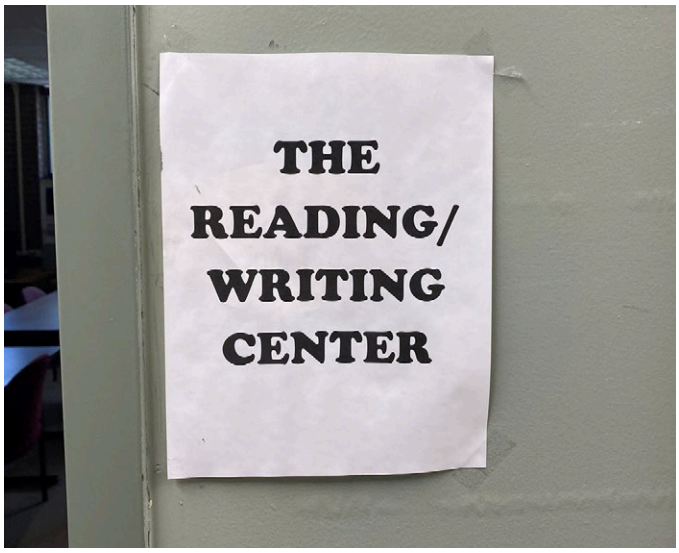
Window System in Poor Condition

Outdated Furnishings



Missing/Discolored Mortar

Soft Seating in Fair Condition



Inadequate Signage and Wayfinding

Boiler Nearing End of Life

Air-Handling Unit Nearing End of Life

Morrison Hall

Year Constructed: 1910, Renovated: 1990
Gross Square Footage: 31,330

Morrison Hall was originally built as the primary residence of Webb Horton, a retired industrialist, and his family. The interior of the building features detailed woodwork, ceiling murals, and Tiffany light fixtures. It is the centerpiece of the Middletown Campus and currently the home to administration and faculty offices. The Honors Program is located on the lower level.

The third floor, previously occupied by the English Department and SUNY Orange Foundation, is currently vacant due to the facade restoration and roof replacement project. English faculty have been relocated to Orange Hall and the Foundation has been temporarily moved to the Physical Education Center.

	Completed Projects	Projects Identified by the College
Architectural Elements	Exterior • Renovations currently underway	
Building Systems	Mechanical • Boiler and additional water source heat pumps replacement currently underway • Some water source heat pumps replaced circa 2017	Mechanical • Pneumatic Control System conversion to Building Management System in 2025-2026 • Replacement of heating, ventilation, and air conditioning cooling tower piping and pumps and motors in 2029-2030 Electrical • Door Access control upgrade in 2024-2025 • Fire alarm system upgrade in 2025-2026

	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Install snow melt system at select roof areas • Replace or repair exterior doors • Install energy-efficient windows • Repair concrete ramp Interior • Asbestos present; all interior projects should include an allowance for abatement • Improve lighting in offices	Interior • Some walls, floors, and ceilings are in poor condition due to roof leaks. • Storage is inefficient. • Office layouts are oversized and inefficient.
Building Systems	Mechanical • Reroute cooling tower Electrical • Inspect and upgrade original electrical gear • Upgrade lighting fixtures to LED	

Orange Hall

Year Constructed: 1958, Renovated: 1993
Gross Square Footage: 47,478

Orange Hall hosts a variety of events, activities, and performances on the Middletown Campus. Much of the space in the building is dedicated to the William and Helen Richards Theatre (388 seats) and associated support space. It is also the home to Arts and Communications, Human Resources, and other support services. Space on the lower level that was previously occupied by Payroll is being temporarily used to house English faculty.

The lower level includes an art studio, photography studio, and music rehearsal rooms. In addition to the theater, the first floor includes a large art gallery surrounded by office space. The second floor houses general classrooms, offices, and support space.

Architectural Elements

Completed Projects

Exterior

- Entrance door and access control replaced

Interior

- Lift installed

Projects Identified by the College

Exterior

- Roof replacement in 2028-2029

Building Systems

Completed Projects

Mechanical

- Hot water boiler replaced
- Rooftop air handler unit replaced

Electrical

- Electrical updated (scope unknown)

Projects Identified by the College

Mechanical

- Critical heating, ventilation, and air conditioning replacement, and Pneumatic Control System conversion to Building Management System in 2025-2026
- Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030

Electrical

- Access control upgrade in 2025-2026
- Fire alarm system upgrade in 2025-2026

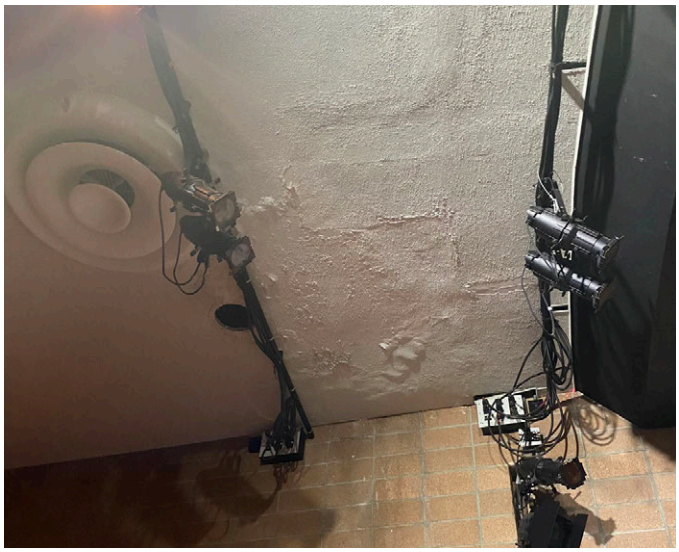
	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Recoat or replace roof • Repair skylights • Replace curtainwall system • Install energy-efficient windows Interior • Upgrade interior finishes	Exterior • Original curtainwall system is in poor condition. • Roof is in poor condition. • Cracked parging was observed at the retaining wall at the northwest stairwell. Interior • Finishes are in fair to poor condition: - Water has damaged ceiling tiles in some areas. - Paint deterioration is occurring on theatre ceiling. - Terrazzo floor at entrance stairs (corridor 103) is cracked and missing in some areas. • Theatre furnishings are in poor condition. • Interior signage and wayfinding are inadequate.
Building Systems	Mechanical • All air handling units (except theatre) require replacement. Electrical • Upgrade lighting fixtures to LED	Mechanical • Sanitary piping in make-up room is collapsed. • Lighting not upgraded to LED.

Window System in Poor Condition

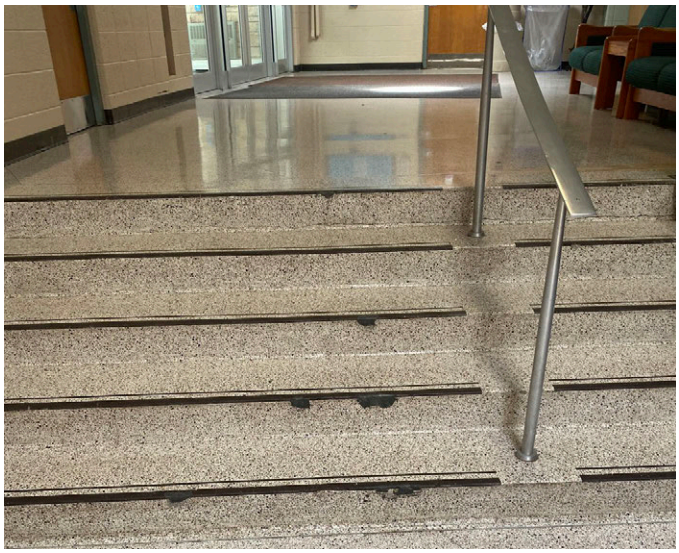
Cracked Parging at Northwest Stairwell Retaining Wall

Leaking Skylight

Damaged Ceiling Tiles

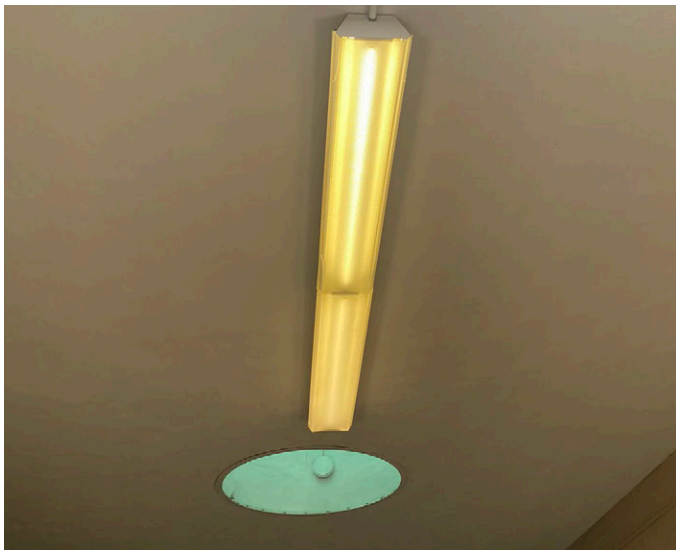


Deteriorated Theatre Ceiling



Damaged Terrazzo Floor

Theatre Furnishings in Poor Condition



Outdated Lighting

Physical Education Center

Year Constructed: 1974
Net Assignable Square Footage: 89,295

The Physical Education Center is home to the athletic and recreation programs. In 2014, it was renamed the Edward A. Diana Physical Education Center in honor of the former Orange County Executive and SUNY Orange student.

The building is organized around a large swimming pool and gymnasium. It also includes a fitness center, dance studio, racquetball courts (one of which is currently used for aerial yoga), and locker rooms. Office and support space for coaches, athletics staff, and Movement Science faculty is located on the second floor. One office, formerly occupied by athletics, is being temporarily used by the SUNY Orange Foundation during the rehabilitation of Morrison Hall.

Completed Projects

Architectural Elements

Interior

- Main entrance refurbished
- Gymnasium bleachers replaced and walls painted
- Storefront system between the Gymnasium and Lobby replaced
- Tiles inside the pool regrouted
- Natatorium ceiling replaced
- Racquetball Court 138 repurposed for aerial yoga

Building Systems

Mechanical

- Six rooftop units replaced
- Boiler replaced

Electrical

- 100 light fixtures upgraded to LED
- New lighting added to pool area

Projects Identified by the College

Architectural Elements

Exterior

- Roof replacement in 2028-2029

Building Systems

Mechanical

- Pneumatic Control System conversion to Building Management System in 2025-2026
- Install air conditioning units and air handling unit in 2028-2029
- Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030

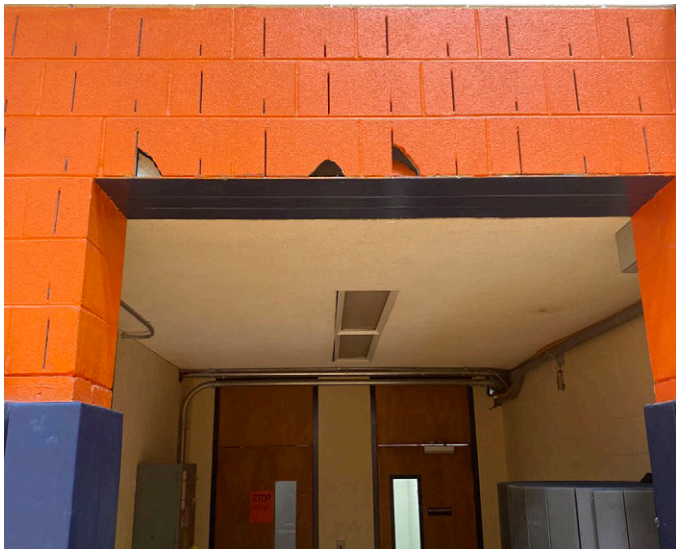
Electrical

- Door Access control upgrade in 2024-2025
- Fire alarm system upgrade in 2025-2026

	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Repair masonry walls • Repoint mortar joints • Replace windows Interior • Regrout natatorium deck tiles • Refinish racquetball courts	Exterior • Leaks and drainage problems have compromised the roof. A skylight is also blocked by ductwork. • Original single-pane windows are in poor condition. • Mortar joints are spalling and deteriorated. • Water is overflowing at scuppers and infiltrating masonry. • Moisture has infiltrated exposed sloped masonry areas below windows. • Paint is peeling at the entrance to the building. Interior • Floor tiles, carpet, and ceiling tiles throughout the building are in fair to poor condition. Ceiling tiles at the entrance are in poor condition. • Men's, Women's, Faculty, and Team Locker Rooms are outdated. The Women's lockers are in poor condition. • Sound-mitigating concrete masonry unit (CMU) wall in the Gymnasium is cracked and missing in some locations. • Training room 103 is in poor condition. Furnishings are in poor condition. • Metal door at the pool filter room is in poor condition with rust and peeling paint.
Building Systems	Electrical • Upgrade remaining lighting fixtures to LED	Mechanical • Original air handing unit is nearing end of life. • Roof top units for classrooms and offices appear original and are nearing end of life. • Chemical filter system for the pool is outdated and in poor condition. • Hot water loop needs attention. Electrical • Original switchgear and distribution, circa 1974, should be replaced.

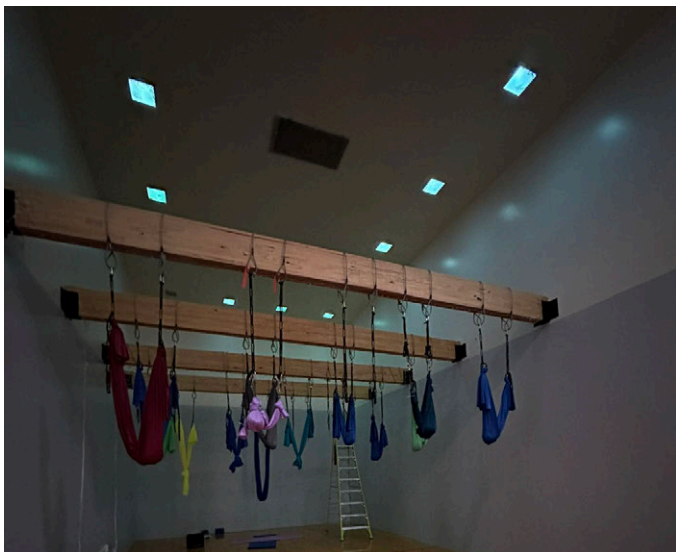
Deteriorated Mortar Joints

Blocked Skylight

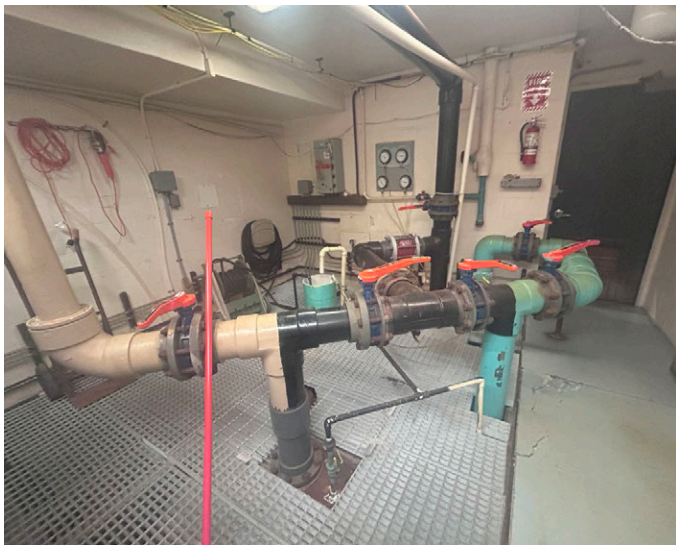


Damaged Sound-Mitigating CMU

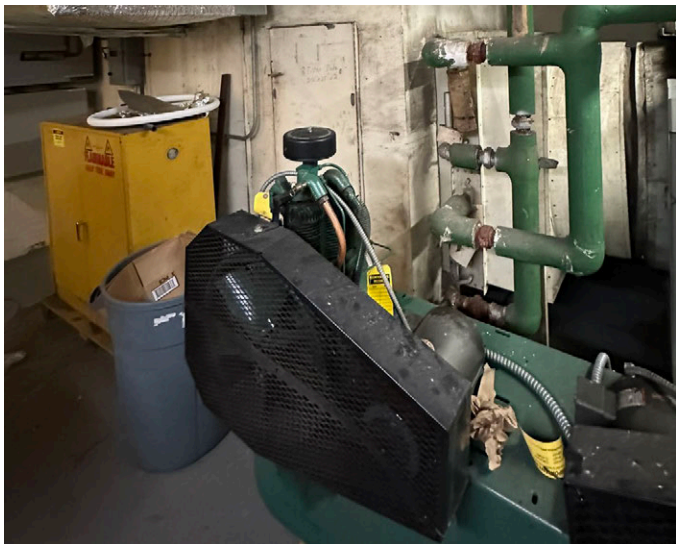
Outdated Athletic Training Room



Insufficient Lighting in Aerial Yoga Room 138



Outdated Pool Filtration System



Air Handling Unit Nearing End of Life

Rooftop Unit Nearing End of Life

Rowley Center for Science and Engineering

Year Constructed: 2014
Gross Square Footage: 95,010

The Rowley Center for Science and Engineering in the most recent addition to the Middletown Campus. Designed to support a variety of science and engineering programs, it includes specialized spaces for Anatomy and Physiology, Architecture, Biology, Chemistry, Engineering, Physics, and other sciences. The Sarah Wells Cafe, located on the first floor, is the only food service venue on the campus and a popular space for faculty and students.

The combination of general classrooms, specialized labs, and community spaces makes the Rowley Center an important part of the campus fabric. The building has been certified LEED Gold in support of the College's sustainability goals.

	Completed Projects	Projects Identified by the College
Architectural Elements		Exterior • Install additional fume hoods in science labs in 2025-2026
Building Systems	Mechanical • Boiler replaced circa 2020	Mechanical • Pneumatic Control System conversion to Building Management System in 2025-2026 • Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030 Electrical • Door Access control upgrade in 2024-2025 • Fire alarm system upgrade in 2025-2026

Additional Field Observations

Architectural Elements

Exterior

- Some sealant has deteriorated between facade panels.
- Biological growth has occurred on the north facade.
- Overflow at the north facade drain could indicate blocked roof drains.

Interior

- There has been separation between the wall and slab on the north side of Computer Lab 014.
- Cracked and separated gypsum board was observed on the north side of Computer Lab 014, Labs 016 and 020, Prep Room 018, and Vestibule 022. SRA Engineers examined these conditions and sent a report of their findings to the College on September 16, 2024. The report states that the cracking is due to excessive concrete slab curling and shrinkage. There is no reason for structural concerns about the safety of the building.
- Some walls and ceiling tiles are showing signs of deterioration due to normal use.

Building Systems

Mechanical

- Lab exhaust valve controls are not tied into the Day Automation System.

Shepard Student Center

Year Constructed: 1974
Gross Square Footage: 66,720

The Shepard Student Center is located across South Street from the main campus. It provides a centralized location for Academic Advising, Admissions, Bursar, Career Services, Financial Aid, Registrar, and Student Activities.

The student lounge on the first floor was recently renovated. Breakout rooms adjacent to the lounge provide collaboration and meeting space for various student clubs. The Bookstore is located on the second floor across from the main entrance. The Fireside Lounge and Wellness Center are also on the second floor. The third floor houses offices and support space for the student service departments in the building.

Architectural Elements

Completed Projects

Interior

- Interior finishes updated in many areas of the building
- Bookstore renovated
- Finishes and furnishings in the Student Lounge updated
- Student Services Central partially renovated

Projects Identified by the College

Interior

- Roof replacement in 2028-2029

Building Systems

Completed Projects

Mechanical

- Absorption chiller replaced circa 2021

Projects Identified by the College

Mechanical

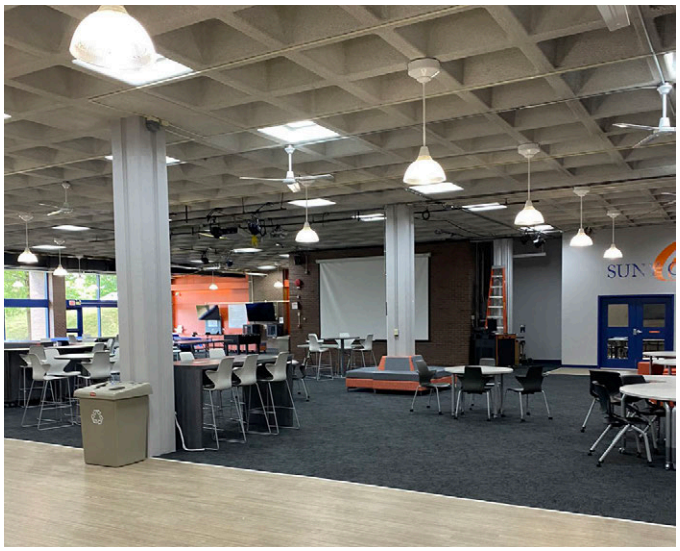
- Pneumatic Control System conversion to Building Management System in 2025-2026
- Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030

Electrical

- Door Access control upgrade in 2024-2025
- Fire alarm system upgrade in 2025-2026

	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Install energy-efficient windows Interior • Update interior finishes • Complete renovation of Student Services Central	Exterior • Walls and window system are in fair to poor condition. Interior • Some office finishes and furnishings are outdated and in fair condition. • Signage on the glass at the entrance to Student Services Central is difficult to read. • The waiting area layout in Student Services Central could be more efficient and welcoming.
Building Systems	Mechanical • Replace sanitary ejector pump Electrical • Upgrade remaining lighting fixtures to LED • Inspect and upgrade original electrical switchgear	Mechanical • Cooling tower is nearing end of life. • Hot water loop needs attention. • Domestic piping is leaking and deteriorating. Electrical • Telecommunications and data systems, currently in the electrical room, are not in conditioned space, which can decrease their life spans.

Original Window System in Fair Condition



Student Lounge on Lower Level

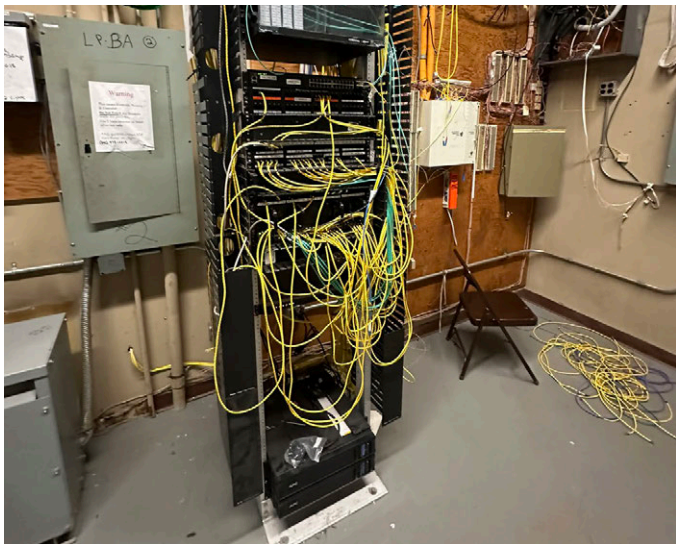
Fireside Lounge

Computer Lab

Indistinct Student Services Central Signage

Inefficient Student Services Central Waiting Area

Cooling Tower Nearing End of Life



Unconditioned Space for Telecommunications & Data Systems

Morrison Lab School

Year Constructed: 2013
Gross Square Footage: 11,590

The Morrison Lab School was constructed in 2013 to provide additional space for child care services at the Middletown Campus. The classrooms and outdoor play areas allowed the College to expand its services to include an infant program and a collaborative partnership with the Enlarged City School District of Middletown to provide Universal Pre-K programming.

The one-story building is well maintained and in good condition. It continues to provide a welcoming environment with abundant natural light for children to learn and grow.

Projects Identified by the College

Architectural Elements

Building Systems

Mechanical

- Sprinkler System upgrade in 2024-2025
- Pneumatic Control System conversion to Building Management System in 2025-2026
- Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030

Electrical

- Door Access control upgrade in 2024-2025
- Fire alarm system upgrade in 2025-2026

Additional Field Observations

Architectural Elements

Exterior

- Walls and windows are in good condition.

Interior

- The interior is in good condition with minor signs of damage due to normal use.
- The ADA door operator at the main entrance is not functioning.

Building Systems

Mechanical

- System is in good condition.

Electrical

- System is in good condition.

Building Assessment: Newburgh Campus

A similar assessment was completed at the Newburgh Campus. The matrix below includes capital projects that have already been identified by SUNY Orange, projects that were identified by the planning team as part of the existing conditions assessment, and projects that are underway and/or partially complete.

As shown in the matrix, SUNY Orange has already identified projects at Kaplan Hall and the Tower Building to repair and/or replace exterior wall and window systems. Building interiors are in good condition with the exception of some walls and ceilings that have been damaged by water infiltration.

Kaplan Hall and renovations to the Tower Building were both completed after the ADA Standards for Accessible Design were adopted (1991). Both buildings are, therefore, are in full compliance with the standards.

	Building Exterior					Building Interior								Building Mechanical								Building Electrical						
	Foundations	Walls	Windows/ Louvres	Doors/Frames/ Hardware	Roof	Floors	Walls	Ceilings	Doors/Frames/ Hardware	Built-In Furnishings	Stairs	Elevators	Specialty Systems	Air Handling Systems	Distribution/ Terminal Units	Chilled Water Terminal Units	Hot Water Plant	(HVAC) Controls	Fire Protection	Domestic Water	Drainage	Electrical Distribution	Power Wiring	Emergency Power	Fire Alarm	Lighting	Tel/Data Systems	Security
Kaplan Hall	☐	■	■		■	☐	☐	☐								■	■		■							☐	☐	■
Tower Building	☐	■	■		■		☐	☐							■	■	■					☐					☐	■

Newburgh Campus Conditions Matrix

■ Identified Capital Project

☐ Project Identified by Planning Team

	Exterior Doors	Interior Doors	Horizontal Circ. (Corridors)	Horizontal Circ. (Ramps)	Vertical Circulation (Stairs)	Vertical Circulation Elevators	Toilet Rooms	Locker Rooms	Drinking Fountains	Signage	Assembly Areas	Sales & Service Areas	Dining Areas
Kaplan Hall	■	■	■		■	■	■		■	■	■	■	
Tower Building	■	■	■		■	■	■	■	■	■		■	■

Newburgh Campus Accessibility Matrix

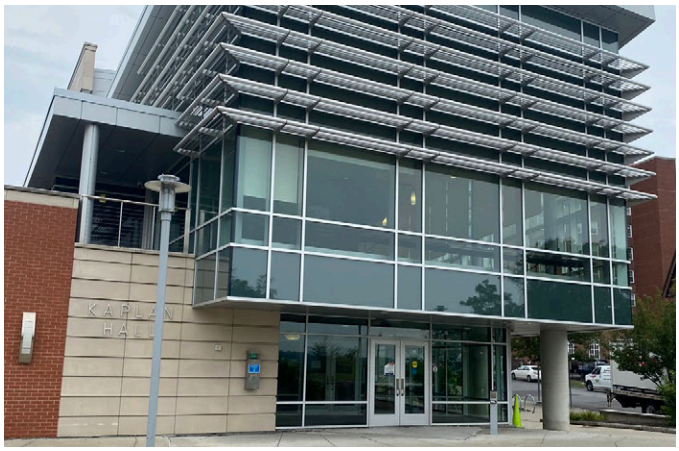
■ Compliant

■ Not Applicable

◪ Partially Compliant

Kaplan Hall

Year Constructed: 2011
Gross Square Footage: 90,000



Kaplan Hall was completed in 2011 and is named after William Kaplan for his unwavering support of SUNY Orange and the Newburgh Campus. It is a comprehensive academic and student services building that includes general classrooms, specialized labs, student services, and faculty offices. A large community room on the east side of the building provides space for campus and community events.

In 2021, JMZ Architects prepared a *Proposal for Investigation and Remediation Services* to address building and site issues at Kaplan Hall. The conditions observed still persist and the strategies outlined in the proposal should be considered in tandem with the recommendations of this plan.

Architectural Elements

Completed Projects

Exterior

- ADA door operators repaired

Projects Identified by the College

Exterior

- Roof replacement in 2028-2029
- Facade repairs in 2029-2030

Building Systems

Completed Projects

Electrical

- Generator replaced circa 2021

Projects Identified by the College

Mechanical

- Parking garage sprinkler system upgrade and exhaust fans replacement in 2026-2027
- Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030

Electrical

- Door Access control upgrade in 2024-2025

	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements	Exterior • Replace mortar joints at cast stone panels with sealant joints as per original design • Replace sealant between the building and sidewalk Interior • Install doors in open study area adjacent to the Reading, Writing, and Math Centers within the Learning Center • Install control joints in drywall in the enclosed stairs	Exterior • Walls and window system are in poor condition. • Sealant is missing at concrete facade panels. • Settlement is occurring primarily on the north side of the building. • Water has infiltrated from the top of the rain chain into the west entrance of the building. Interior • Some interior finishes are in fair to poor condition: - Cracked floor tiles were observed at the west entrance and at some elevator thresholds. - Floors in stairwells are in poor condition. - Water has damaged wall finishes and ceiling tiles in several areas. • Nosings on some stairs are cracked and separating from the substrate. • Water has leaked into the garage (source unknown).
Building Systems		Mechanical • The penthouse air handling unit motor has failed. • Compressed air (lab air for Nursing) in the penthouse has drainage issues. Electrical • Variable frequency drive overheats and burns out. Fans have been added to the bottom of equipment. • Information technology closet cannot keep up with load and cooling is not sufficient.

Building Settlement

Missing Sealant

Infiltrating Water at Rain Chain at Entrance

Leak in Garage

Damaged Finish in North Stairwell

Inadequate IT Closet Air Conditioning Unit

Failed Air Handling Unit Motors

Drainage Issues at Nursing Lab Air Compressor

Tower Building

Year Constructed: 1989, Renovated: 2012
Gross Square Footage: 87,000

The Tower Building was originally constructed in 1989. The 2012 renovations included a Criminal Justice Lab, bookstore, fitness center, updated childcare center, general classrooms, and faculty offices. The fitness center was recently removed to provide additional space for SUNY Orange+ Programs. The lower level, previously occupied by the Educational Opportunities Program (EOP) and Information and Technology Services, was recently renovated for the FoodTEC Program.

A *Facade Inspection Report* was completed in 2021 and identified water penetration issues, sealant failure, blocked weep holes, and cracked mortar joints. The strategies outlined in that report should be considered in tandem with the recommendations in this plan.

	Completed Projects	Projects Identified by the College
Architectural Elements		Exterior • Roof replacement in 2028-2029 • Facade repairs in 2029-2030
Building Systems	Mechanical • Some water source heat pumps replaced Electrical • Additional lighting added to awning	Mechanical • Water source heat pumps replacement in 2026-2027 • Heating, ventilation, and air conditioning pumps and motors replacement in 2029-2030 Electrical • Door Access control upgrade in 2024-2025

	Remaining Projects from 2015 FMP	Additional Field Observations
Architectural Elements		Exterior • Some mortar joints have small holes and cracks. • Window system is in poor condition, allowing water to penetrate interior. Sealant failure has occurred in several areas. • Cracks were observed in concrete foundation walls. Interior • Some interior finishes are in fair to poor condition. Ceiling tiles and finishes are water damaged in some areas.
Building Systems	Electrical • Replace original electrical switchgear	Mechanical • Rusting has occurred on cooling tower from boiler exhaust. Electrical • Original distribution, circa 1985, needs to be replaced.

Failed Sealant

Failed Window System

Cracked Foundation Wall

Damaged Ceiling in Lobby 100

Damaged Ceiling in Faculty Office 415

Damaged Finish in Faculty Office 415

Original Electrical Distribution Equipment Needs to be Replaced

Rusting Cooling Tower

Space Allocation Study

Introduction

A comprehensive understanding of space allocation and utilization is essential to develop master plan recommendations that maximize campus resources. This section provides an analysis of the space distribution on the Middletown and Newburgh Campuses.

The majority of the space on both campuses is dedicated to instruction, such as classrooms, lecture halls, and class labs. By examining the current and utilization, this master plan identifies opportunities for improving utilization of those spaces.

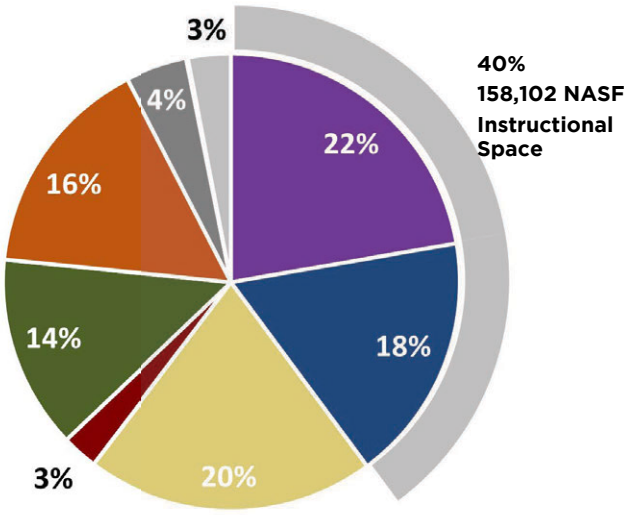
Kaplan Hall

Space Type by Campus

The distribution of the space on the Middletown and Newburgh Campuses is shown below. The majority of net assignable square feet (NASF) on both campuses is dedicated to instruction. The gray bar shows that 40 percent of the NASF in Middletown and 44 percent of the NASF in Newburgh are assigned to classrooms, lecture halls, class labs, and open labs.

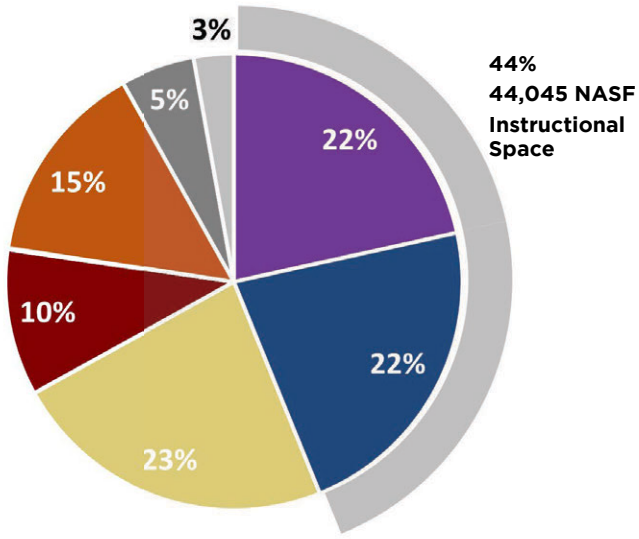
Between 20 and 23 percent of the space on both campuses is dedicated to offices. In Middletown, 14 percent is assigned to special use, which consists primarily of physical education and recreation spaces in the Physical Education Center. In Newburgh, 10 percent of the space is dedicated to the Learning Center on the first and second floors of Kaplan Hall.

Middletown Campus



Total NASF: 396,710

Newburgh Campus



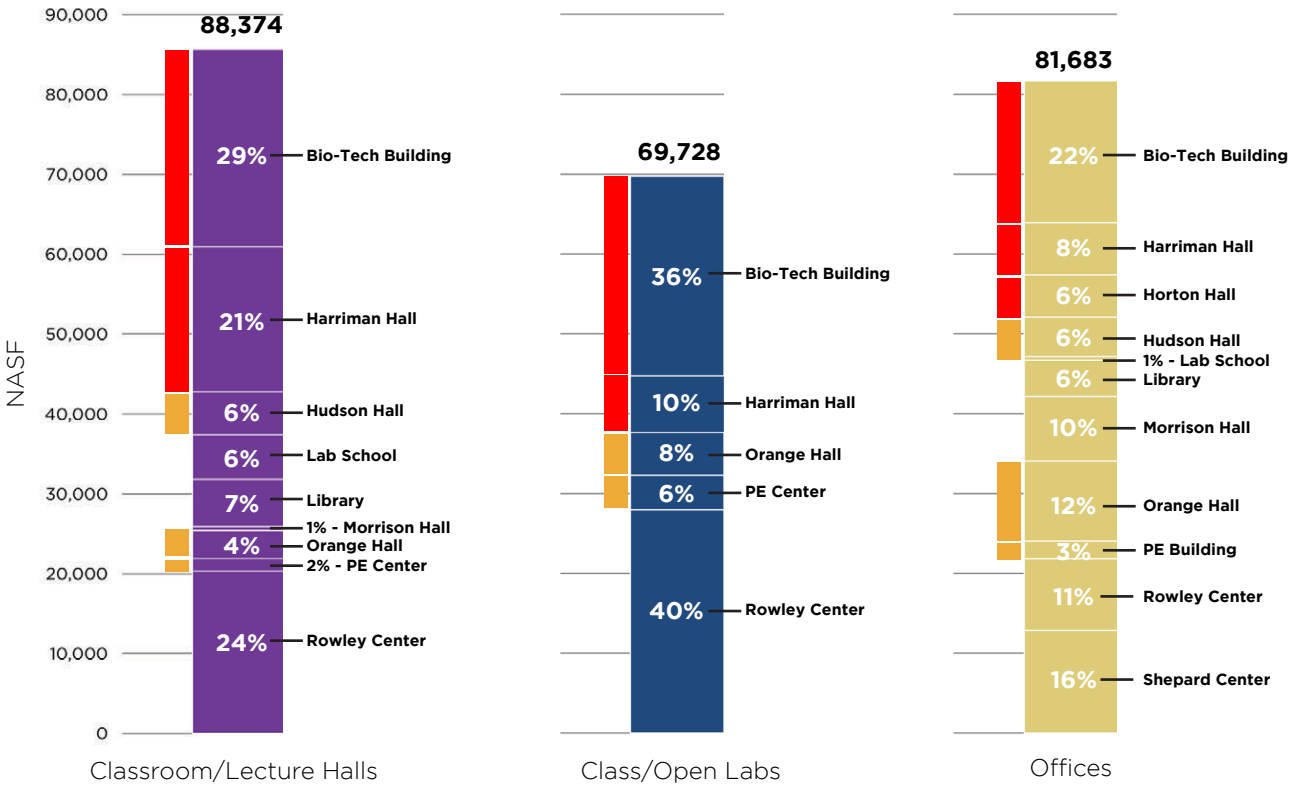
Total NASF: 100,421

- Classrooms/Lecture Halls
- Class/Open Labs
- Office Facilities
- Study Facilities
- Special Use Facilities
- Assembly/Exhibition Facilities
- Support Facilities
- Inactive Space/Alteration Area

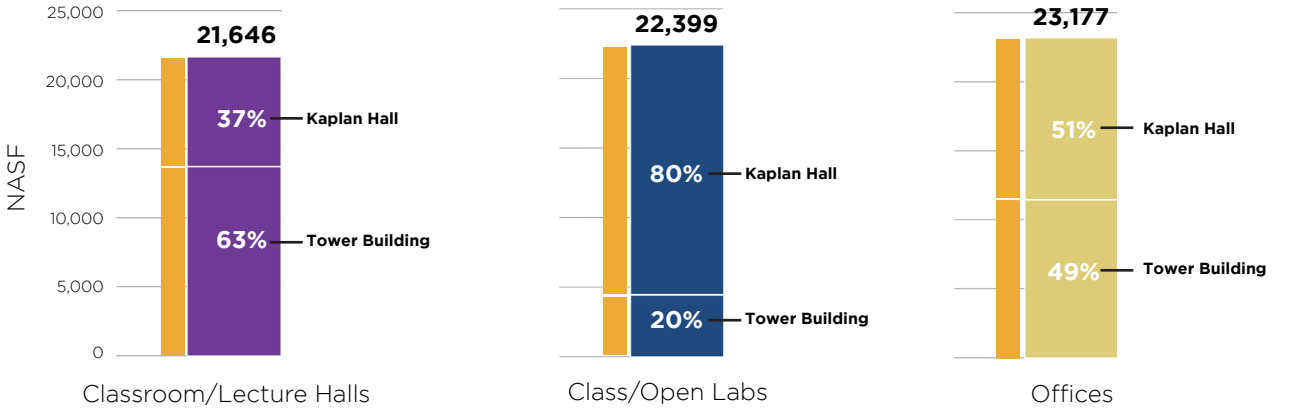
Instructional Space

The bar charts on this page indicate how classrooms, class labs, and offices are allocated by building at each campus. On the Middletown Campus, the Bio-Tech Building holds most of the instructional and office space. The red and orange bars on the left side of the charts indicate the condition rating of each building based on the existing conditions assessment. A large percentage of the instructional and office space on the Middletown Campus is located in buildings that are in fair to poor condition.

Middletown Campus



Newburgh Campus

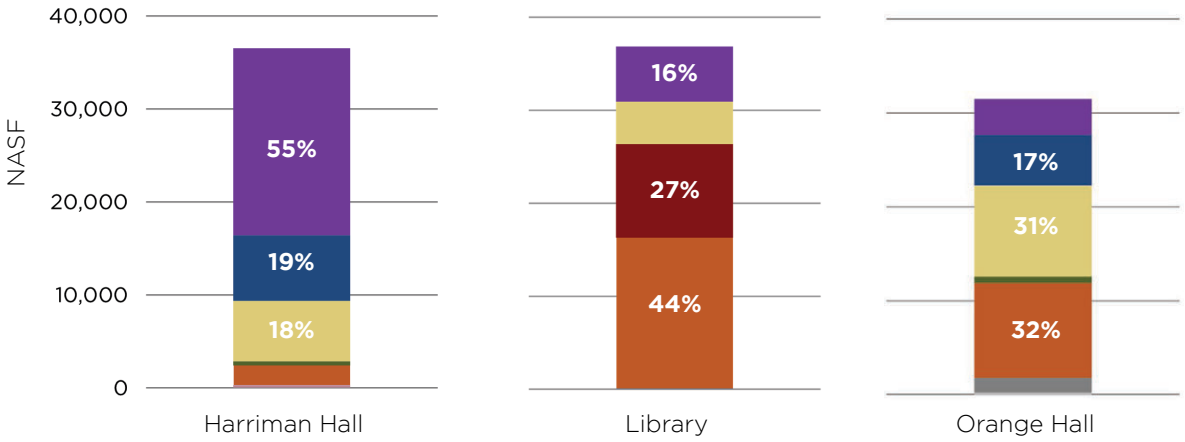


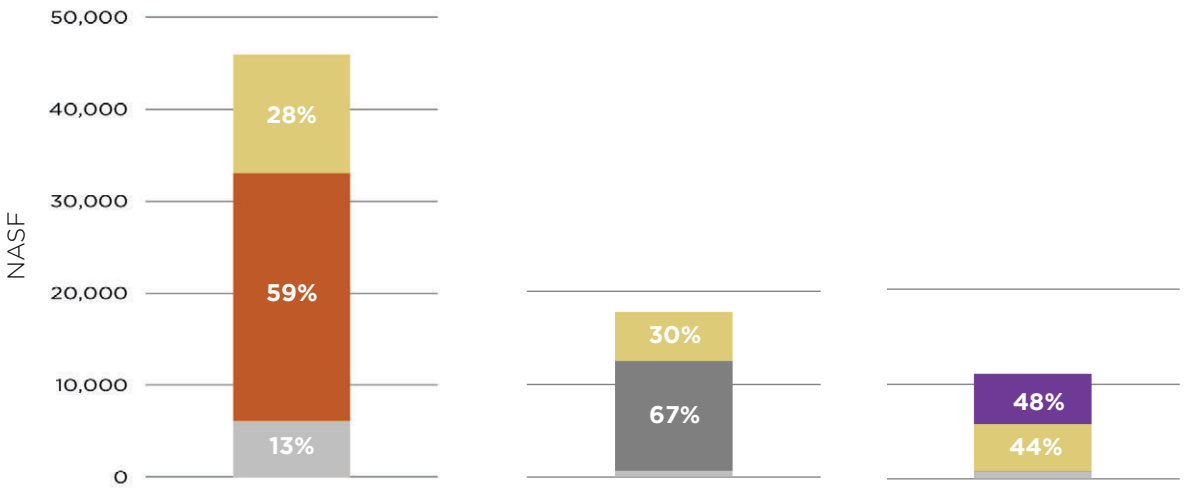
Classrooms/Lecture Halls
Class/Open Labs
Office Facilities
Fair Condition
Poor Condition

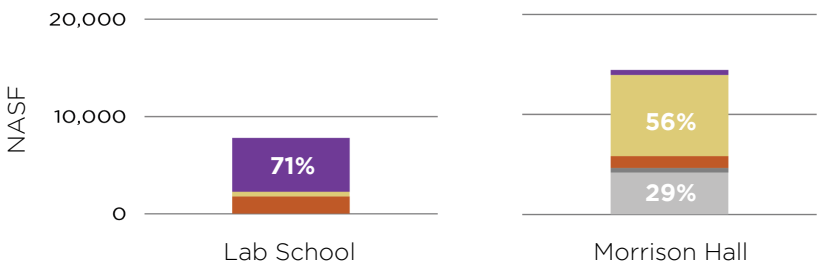
Space Type by Building

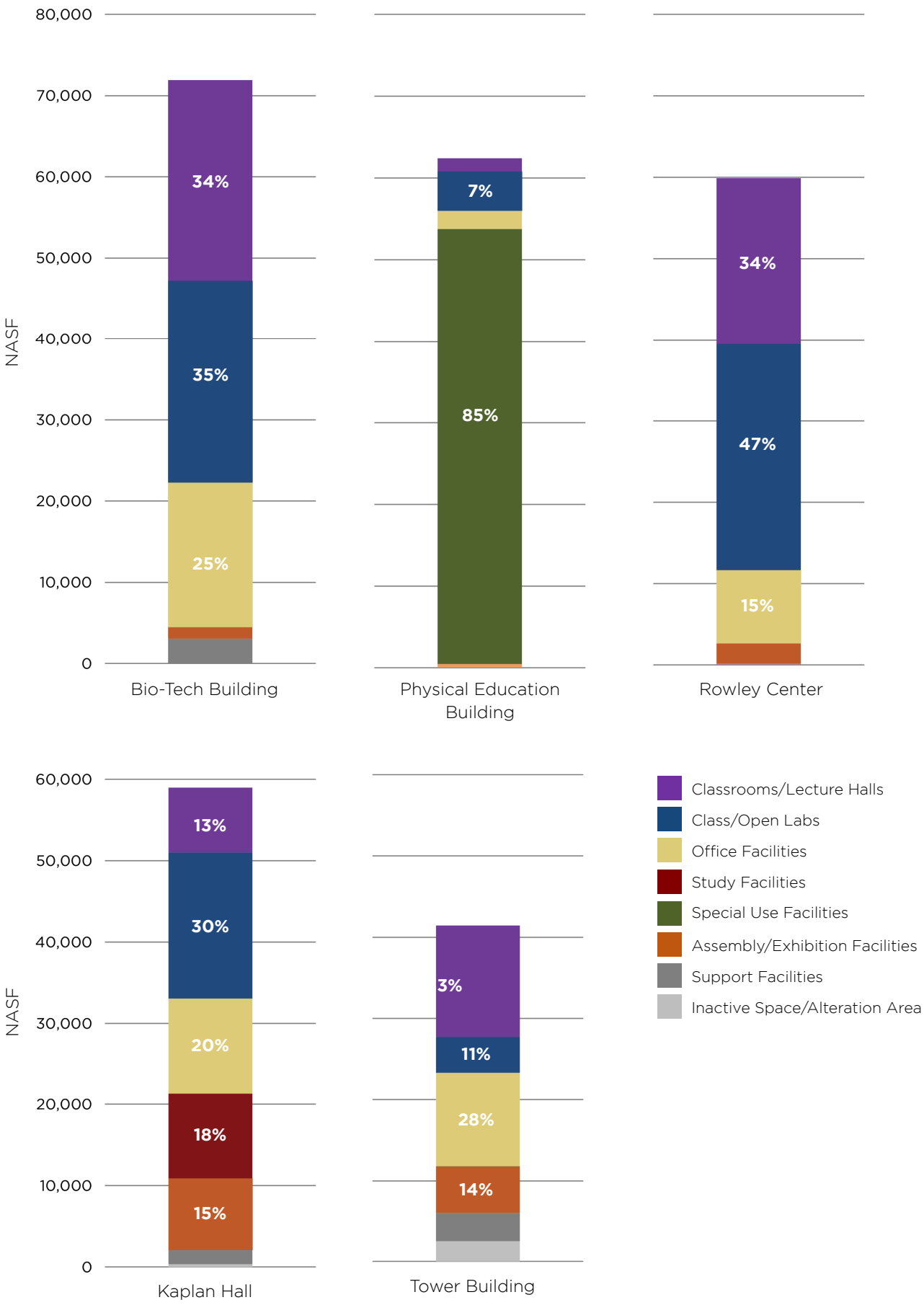
The bar charts below and on the following page show space type by building. The buildings on the Middletown Campus are more specialized (59 percent of the Shepard Student Center is dedicated to General Use Facilities and 85 percent of the Physical Education Center is dedicated to Special Use Facilities) while the buildings on the Newburgh Campus are more generalized.

The Bio-Tech Building, Rowley Center, and Harriman Hall are primarily dedicated to academic programs and house the most instructional space on the Middletown Campus. On the Newburgh Campus, Kaplan Hall has more specialized instructional space while the Tower Building houses most of the general classrooms.








80,000
70,000
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50,000
40,000
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0
NASF
34%
35%
25%
7%
85%
34%
47%
15%
13%
30%
20%
18%
15%
3%
11%
28%
14%
Bio-Tech Building
Physical Education Building
Rowley Center
Kaplan Hall
Tower Building
Classrooms/Lecture Halls
Class/Open Labs
Office Facilities
Study Facilities
Special Use Facilities
Assembly/Exhibition Facilities
Support Facilities
Inactive Space/Alteration Area

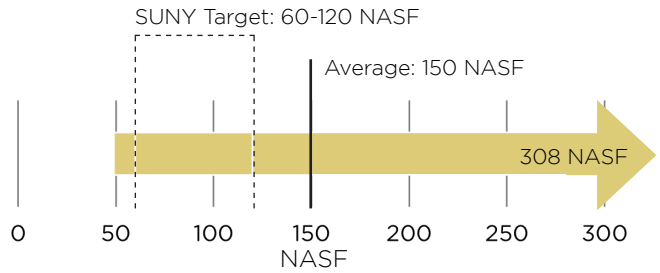
Office Space

The graphs below and on the following page show the average NASF of office space per full-time faculty/staff, as well as the minimum (left side of the bar), maximum (right side of the bar). and target range. The target is based on SUNY standards and allows 60 NASF for a workstation and 120 NASF for a private office Workstation and office sizes vary across the College. Open office areas typically have multiple workstations, while private offices tend to have only one occupant.

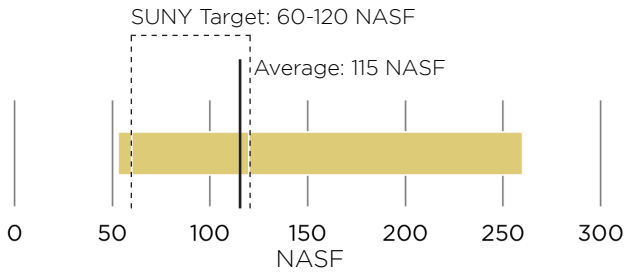
The Rowley Center and Kaplan Hall are new facilities and, as a result, have offices that are within five percent of the target range. Older buildings, such as the Bio-Tech Building, typically have much larger offices. When these buildings are renovated, offices should be right-sized to maximize the use of existing space and provide equity among academic departments.

Middletown Campus

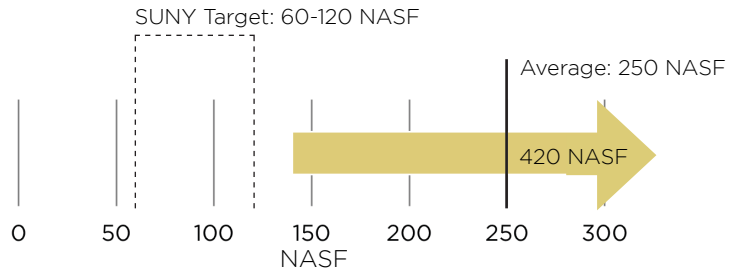
Bio-Tech Building



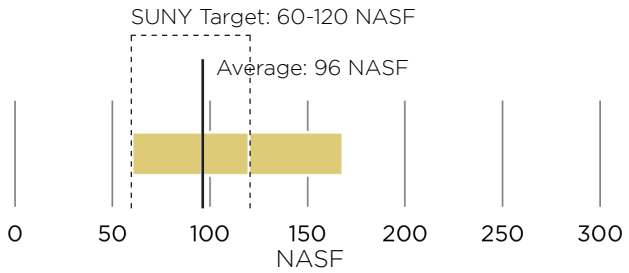
Harriman Hall



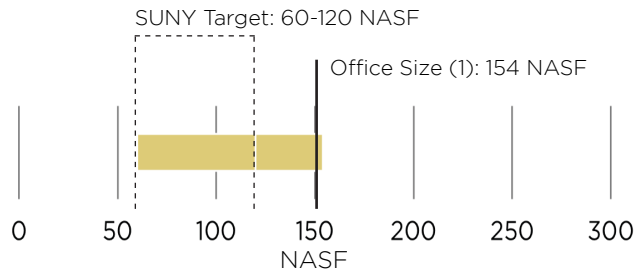
Horton Hall



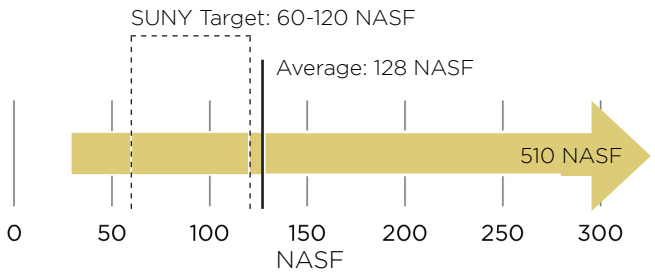
Hudson Hall



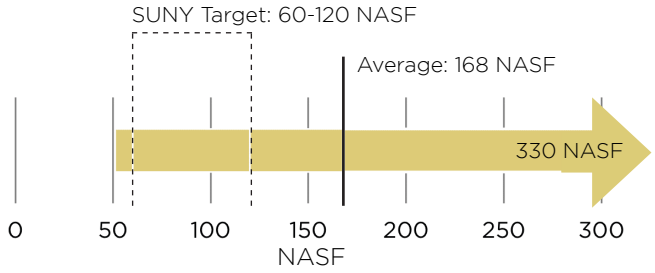
Lab School



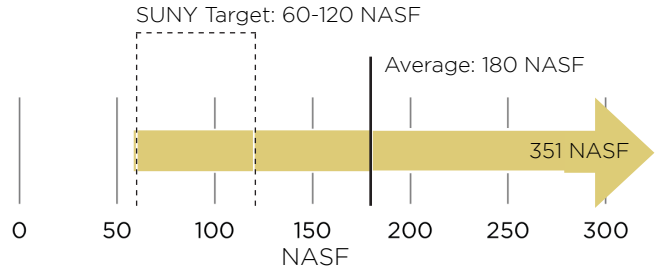
Library



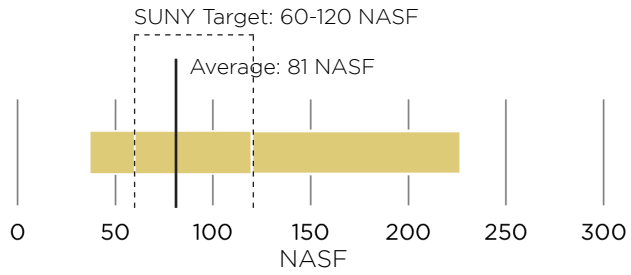
Orange Hall



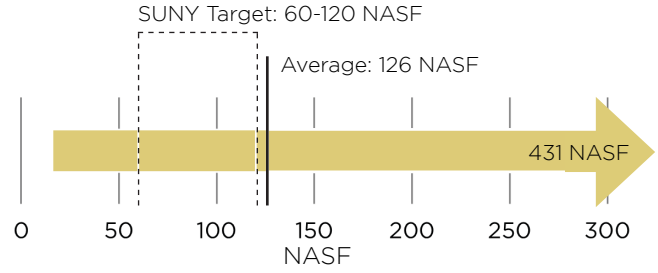
Morrison Hall



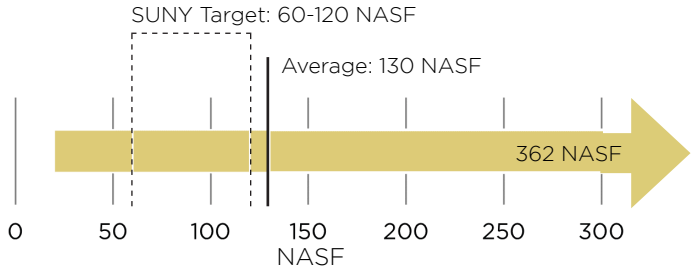
Physical Education Center



Rowley Center

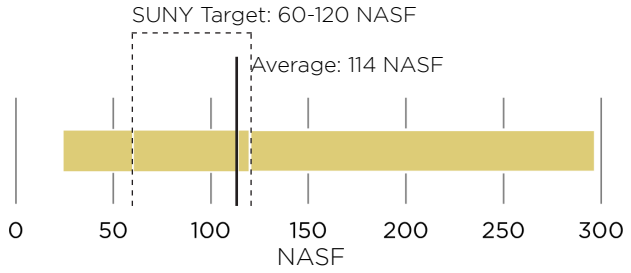


Shepard Student Center

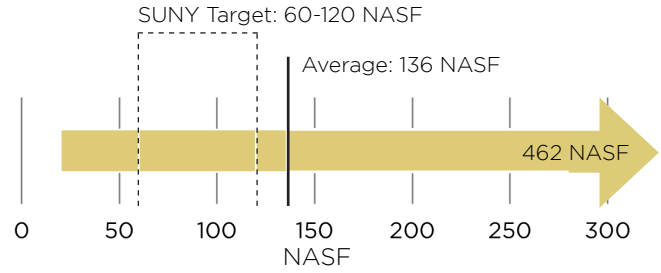


Newburgh Campus

Kaplan Hall



Tower Building



Instructional Space Utilization Study

Introduction

The efficient use of classrooms and class labs allows higher education institutions to maximize their return on investment. At times when instructional demand is low, institutions can shift instruction to underutilized spaces to enable renovations and upgrades to campus facilities. When instructional demand is high, increasing hours and seat fill in strategic locations can help institutions absorb growth.

New instructional space was created on the Middletown Campus in 2014 with completion of the Rowley Center for Science and Engineering. The new building added modern instructional space and increased classroom capacity, but many of the oldest academic buildings on the campus remain unrenovated. Due to decreased enrollment and limited funding opportunities, renovation of existing space is the focus of this plan.

Rowley Center for Science and Engineering

Data Sources

The following data sources informed the instructional space utilization study:

- Fall 2023 and Spring 2024 Course Schedules (credit and continuing education)
- Fall 2023 and Spring 2024 Event Schedules
- Ad Astra Instructional Space List
- Physical Space Inventories
- Building Floor Plans

In addition to the primary data sources listed above, SUNY Orange provided a supplemental review comparing general classroom usage between Fall 2023 and Fall 2024. Their analysis indicated an overall increase of credit courses during Fall 2024; non-credit courses were not captured. On the Newburgh Campus, the number of credit course sections increased from 133 in Fall 2023 to 146 in Fall 2024, an increase of approximately 10 percent. On the Middletown Campus, Hudson Hall showed a similar increase in course sections, while Harriman Hall usage remained relatively consistent. The results of the utilization study show capacity for additional course meetings including the 10 percent increase identified by SUNY Orange,

Peak Week

The utilization study used the peak week of instruction during which the largest number of credit and non-credit courses were scheduled:

- Fall 2023: October 9 through October 13
- Spring 2024: March 11 through March 15

More weekly student contact hours (WSCH) occurred in Fall 2023 than Spring 2024. Therefore, the Fall 2023 course schedule was used for the analysis.

Daytime hours include courses that started before 5:00 PM during the week (Monday through Friday.) On the Middletown Campus, 94 percent of registrar-scheduled, continuing education, and event meetings took place before 5:00 PM. On the Newburgh Campus, 98 percent of registrar-scheduled, continuing education, and event meetings started before 5:00 PM. Daytime hours were, therefore, used for the analysis.

Fall 2023 Scheduled Spaces

During the Fall 2023 semester, 152 classrooms, lecture halls, and class labs were scheduled for instruction. Four were used exclusively for continuing education. Based on the data provided by SUNY Orange, 34 instructional spaces did not have reported use in Fall 2023.

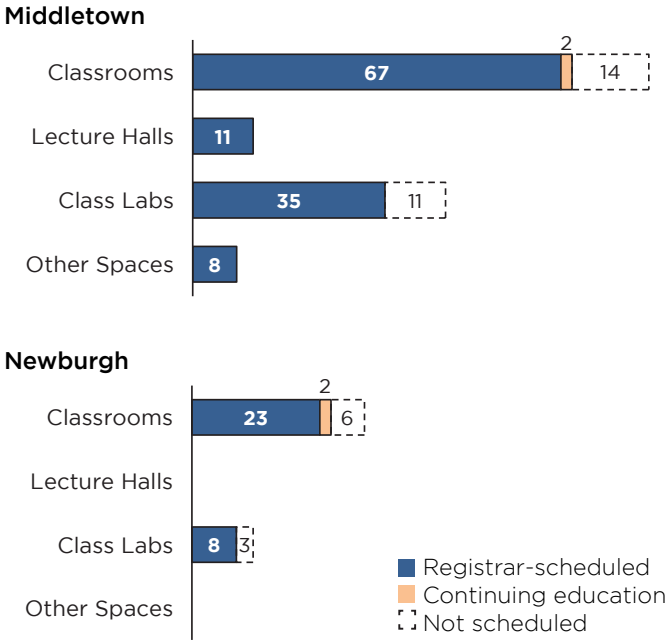
Classrooms and Lecture Halls

- 69 of 83 classrooms on the Middletown Campus were scheduled for instruction.
- All lecture halls (11) on the Middletown Campus were scheduled.
- 25 of 33 classrooms on the Newburgh Campus were scheduled.

Class Laboratories

- 35 of 46 class labs on the Middletown Campus were scheduled.
- 8 of 11 class labs on the Newburgh Campus were scheduled.

Fall 2023 Scheduled Instructional Spaces



Course Meetings by Day of Week

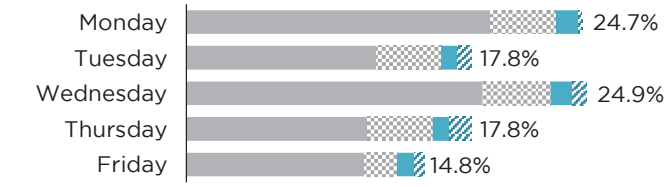
The bar charts below include registrar-scheduled, courses, continuing education sessions, and event meetings by day of week. In Middletown, Mondays and Wednesdays held the most meetings, followed by Tuesdays and Thursdays. In Newburgh, Tuesdays held the most meetings, followed by Wednesdays and Thursdays. Like most community colleges, Fridays held the fewest meetings. The college-wide day of week patterns held true for classrooms and lecture halls. Class lab use, however, was evenly spread Monday through Thursday.

The table illustrates the number of daytime meetings by day of week sorted by registrar-scheduled, continuing education, and events. Starting at the top left, the registrar-scheduled line shows that the Middletown Campus held 267 registrar-scheduled meetings on Monday, followed by 184 on Tuesday, and 263 on Wednesday. The next line (Percent of Registrar-Schedule) indicates that Monday held 26 percent of the Middletown Campus meetings during the peak week. The final line (Percent of Day's Meetings) shows that registrar-scheduled courses comprised 93 percent of the meetings on Monday.

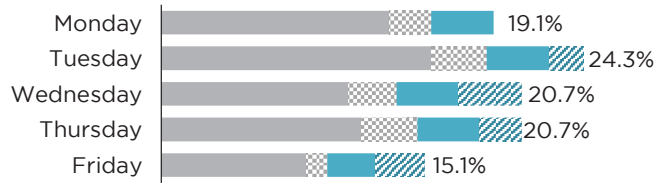
Continuing Education comprises a higher percentage of course meetings on the Newburgh Campus (15 to 19 percent) than in Middletown (6 to 8 percent). The College reported a goal of increasing Continuing Education courses, which could increase that line college-wide. The percentage of event meetings was also higher on the Newburgh Campus.

Aggregate Meetings per Day

Middletown Campus



Newburgh Campus



Registrar-scheduled classrooms and lecture halls
Registrar-scheduled class laboratories
Continuing education
Events

Meetings per Day by Meeting Type

	Monday			Tuesday			Wednesday			Thursday			Friday		
	# of Mtgs	*% of Mtg Type*	*% of Mon Mtgs*	*# of Mtgs*	*% of Mtg Type*	*% of Tues Mtgs*	*# of Mtgs*	*% of Mtg Type*	*% of Wed Mtgs*	*# of Mtgs*	*% of Mtg Type*	*% of Thur Mtgs*	*# of Mtgs*	*% of Mtg Type*	*% of Fri Mtgs*
Middletown															
Registrar-Scheduled	**267**			**184**			**263**			**178**			**152**		
Percent of Registar-Scheduled		*26%*			*18%*			*25%*			*17%*			*15%*	*100%*
Percent of Day's Meetings			*93%*			*89%*			*91%*			*86%*			*88%*
Continuing Education	**16**			**12**			**16**			**12**			**13**		
Percent of Continuing Education		*23%*			*17%*			*23%*			*17%*			*19%*	*100%*
Percent of Day's Meetings			*6%*			*6%*			*6%*			*6%*			*8%*
Events	**3**			**10**			**10**			**16**			**7**		
Percent of Events		*7%*			*22%*			*22%*			*35%*			*15%*	*100%*
Percent of Day's Meetings			*1%*			*5%*			*3%*			*8%*			*4%*
			100%			*100%*			*100%*			*100%*			*100%*
Newburgh															
Registrar-Scheduled	**39**			**47**			**34**			**37**			**24**		
Percent of Registar-Scheduled		*22%*			*26%*			*19%*			*20%*			*13%*	*100%*
Percent of Day's Meetings			*81%*			*77%*			*65%*			*71%*			*63%*
Continuing Education	**9**			**9**			**9**			**9**			**7**		
Percent of Continuing Education		*21%*			*21%*			*21%*			*21%*			*16%*	*100%*
Percent of Day's Meetings			*19%*			*15%*			*17%*			*17%*			*18%*
Events				**5**			**9**			**6**			**7**		
Percent of Events					*19%*			*33%*			*22%*			*26%*	*100%*
Percent of Day's Meetings						*8%*			*17%*			*12%*			*18%*
			100%			*100%*			*100%*			*100%*			*100%*

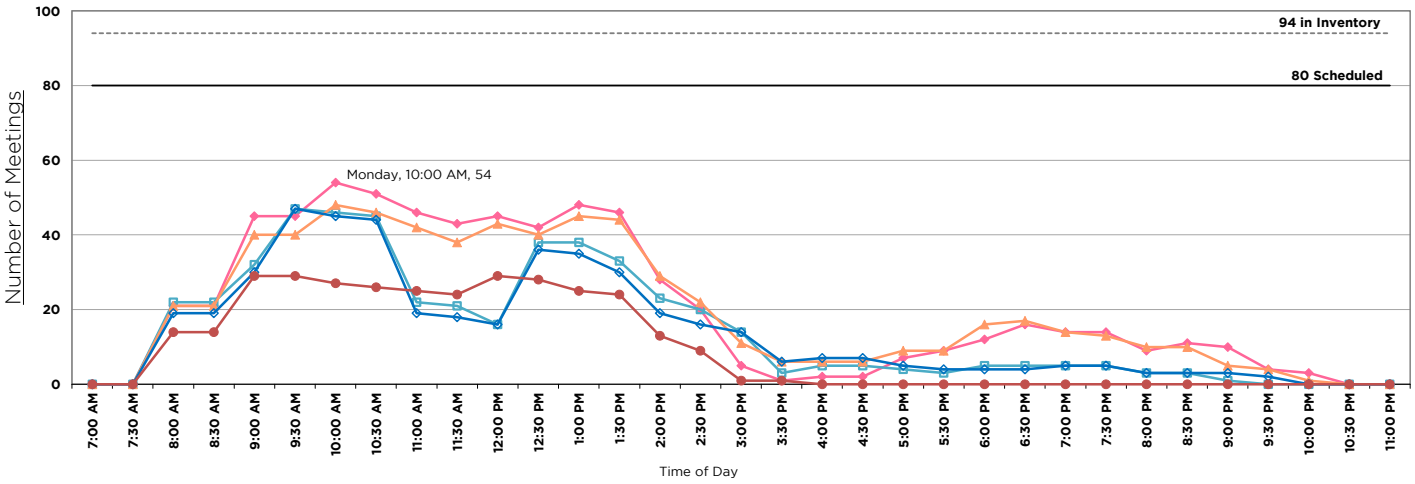
Course Meetings by Time of Day

As shown below, instruction in classrooms and lecture halls on the Middletown Campus started at 8:00 AM during the peak week of the Fall 2023 semester. Peak utilization took place on Monday at 10:00 AM, when 54 classrooms and lecture halls were scheduled. Over the course of the week, 80 classrooms and lecture halls were scheduled, leaving 14 unscheduled during the peak week.

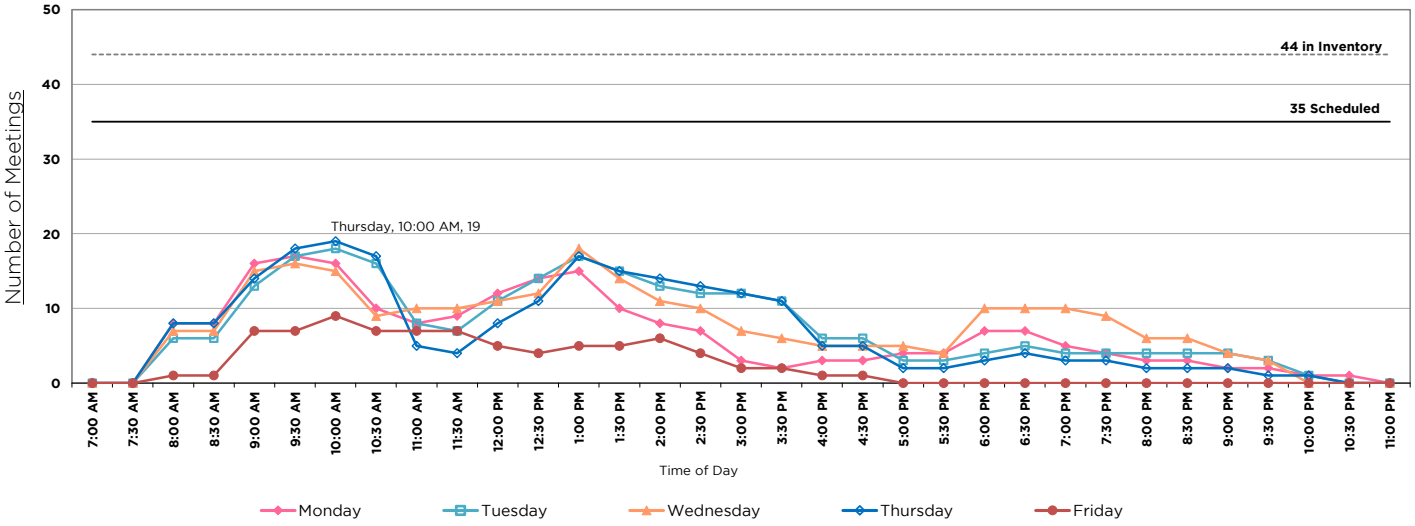
Peak class lab utilization on the Middletown Campus occurred at 10:00 AM on Thursday when 19 class labs were scheduled. Based on the results of the utilization study, a total of 35 class labs were scheduled during the peak week of the Fall 2023 semester. An additional nine class labs were available, but not scheduled during that week.

Middletown Campus

Classrooms and Lecture Halls



Class Laboratories

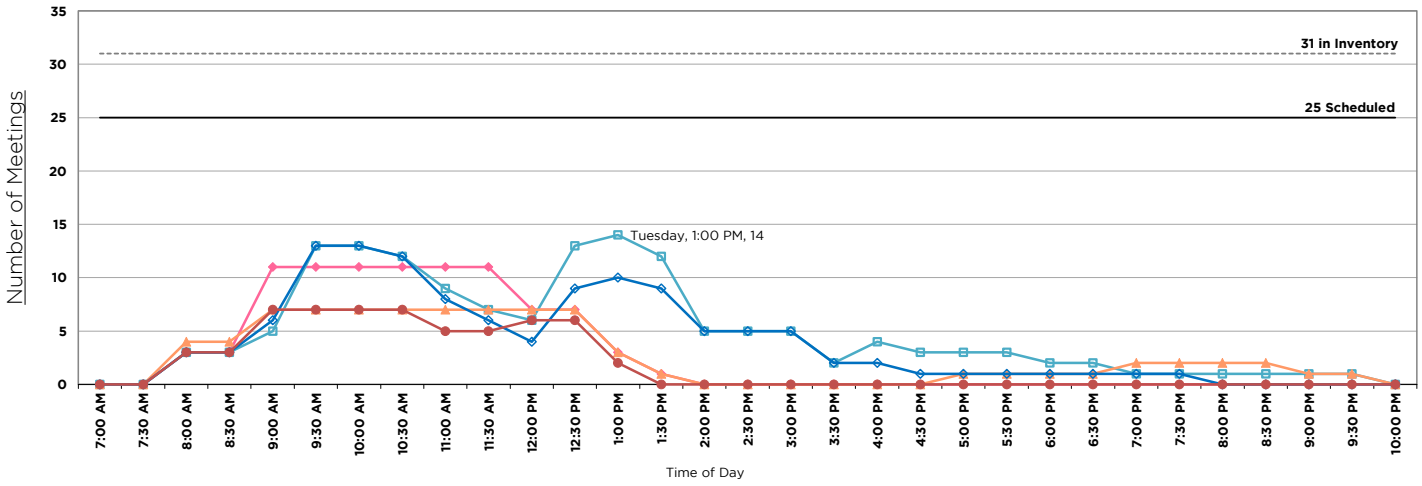


Classrooms and lectures halls on the Newburgh Campus were not scheduled after 2:00 PM on Wednesdays and Fridays during the Fall 2023 semester. Peak utilization took place on Tuesday at 1:00 PM, when 14 classrooms were scheduled. Over the course of the peak week, 25 classrooms were scheduled, leaving six unscheduled.

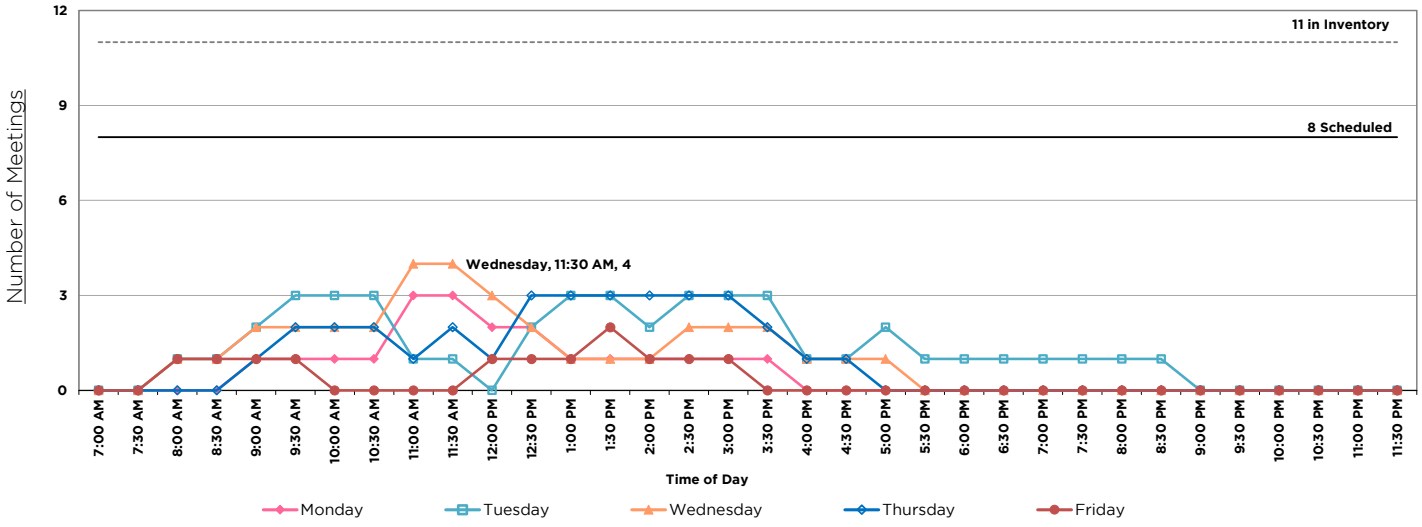
Peak class laboratory utilization on the Newburgh Campus occurred at 11:30 AM on Wednesday when four class labs were scheduled. At that time, an additional four class labs scheduled during he peak week were not in use. Three class labs were not scheduled for any meetings during the peak week of the Fall 2023 semester.

Newburgh Campus

Classrooms and Lecture Halls



Class Laboratories



SUNY Utilization Targets

The State University of New York (SUNY) expects instructional spaces to meet standard daytime utilization targets. Based on those targets, classrooms and lecture halls should be in use for a minimum of 30 hours per week. Class Lab should be scheduled for 24 hours per week, minimum. Eighty percent of available seats should be occupied in an instructional space when it is scheduled. Utilization within five percent below to ten percent above each target is considered good utilization.

Daytime instruction is assumed to be between 8:00 AM and 5:00 PM, Monday through Friday, for a total of 45 available hours per week.

		Day Hours		
	Seat Fill	Low	**Standard**	High
Classrooms	80%	28	30	34
Class Laboratories		22	24	28

SUNY Utilization Targets

Average Utilization Rates

Fall 2023 average daytime hourly use and seat fill rates are shown on the following page. SUNY utilization targets are marked in red, with a gray arc representing the target range. Registrar-scheduled use is shown in gray The length of the arc reflects the hours scheduled or seats filled. Demand from Continuing Education courses is shown in blue. Demand incurred by events (shown in tan) are not counted toward the SUNY targets.

Middletown Campus

Hours per Week

On the Middletown Campus, scheduled classrooms were used, on average, for 11.8 hours per week. An additional 18.2 hours could be scheduled in these classrooms before use would meet the 30-hour SUNY standard. Two of the scheduled classrooms were used exclusively for continuing education. Events occupied 1.5 hours per week, per classroom, on average.

Eleven lecture halls were scheduled for instruction during the Fall 2023 semester. Instruction averaged 10.8 hours per week in lecture halls, leaving 17.2 hours available for additional course meetings. Five of the lecture halls were also used for events, which added 2.4 hours of weekly use, on average, to lecture halls.

During the Fall 2023 semester, class laboratories were used almost exclusively for registrar-scheduled instruction. Scheduled class laboratories were used for 11.2 hours each, on average, during the peak week. An additional 12.8 hours was available for additional instruction. One lab was scheduled for a Continuing Education Home Economics course. When the 6.5 event hours are averaged across all scheduled labs, the result is less than 15 minutes per lab of additional demand.

Nursing lab courses met in open labs and were scheduled as events for full-days (8:00 AM to 10:00 PM) Monday through Friday.

Seat Fill

Seat fill in scheduled classrooms on the Middletown Campus reached 59.7 percent, which did not meet the SUNY target of 80 percent. Classrooms utilized for BRIDGES classes were 40 percent filled.

Class laboratories reached the highest average seat fill levels for instruction. Registrar-scheduled courses had 66 percent seat fill, on average. The single Continuing Education course reached 45 percent.

Newburgh Campus

Hours per Week

In Newburgh, 23 classrooms were scheduled during the peak week of the Fall 2023 semester. Two of these classrooms were scheduled exclusively in the evening and are, therefore, not included in this portion of the analysis. Classrooms reached an average of 8.9 hours of daytime use for registrar-scheduled and continuing education instruction.

Newburgh Campus laboratories were used for 6.9 hours, on average, per week. An additional 5.8 hours was scheduled for events on this campus,

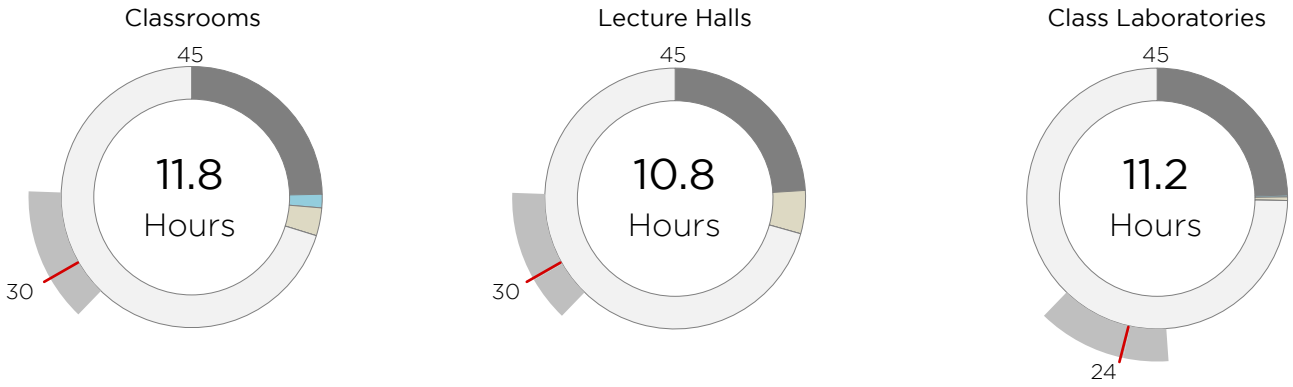
Nursing lab sections were scheduled as events in both class laboratories and open laboratories. These courses utilized labs from 8:00 AM to 9:00 PM, Monday through Friday.

Seat Fill

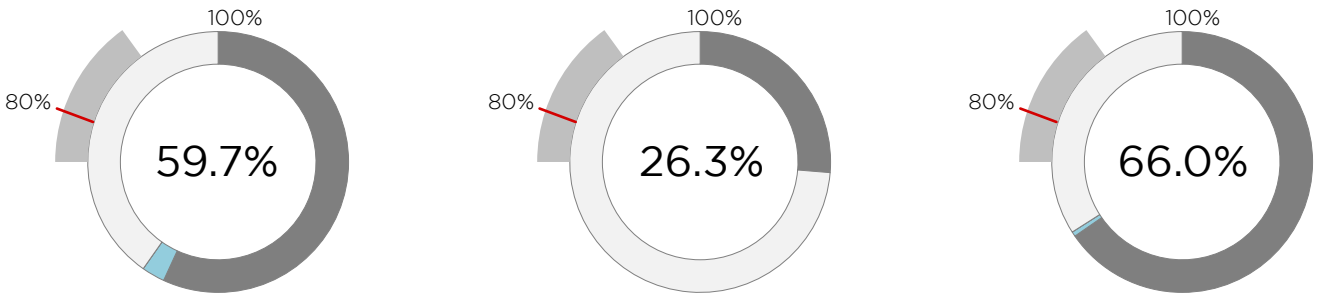
Seat fill in classrooms on the Newburgh Campus reached 50.5 percent during registrar-scheduled and continuing education instruction. Registrar-scheduled courses filled only 40 percent of seats, on average, while BRIDGES courses filled 97 percent.

Middletown Campus

Hours per Week

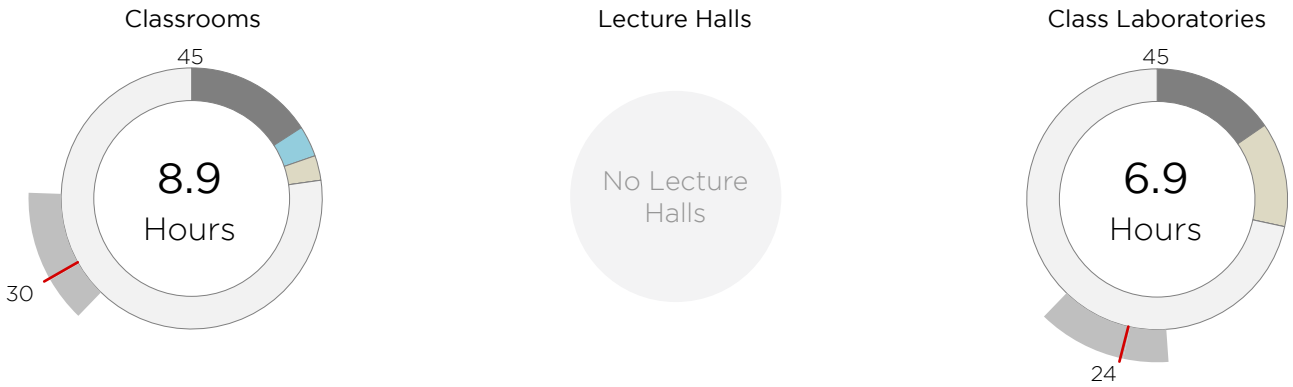


Seat Fill

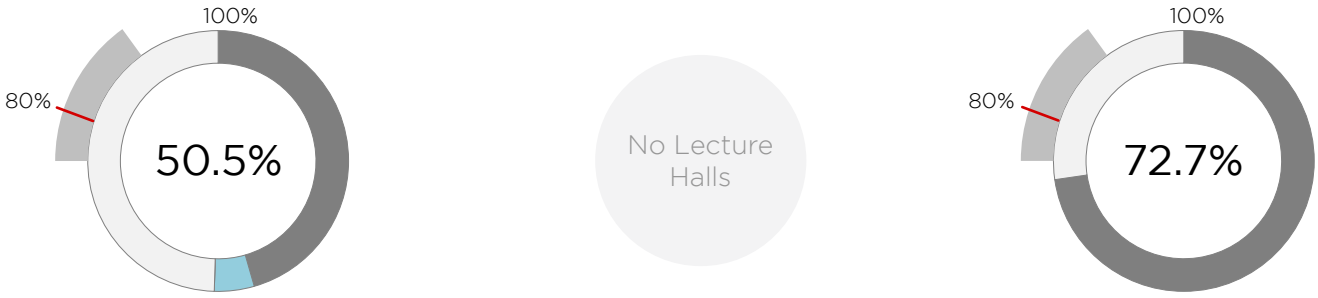


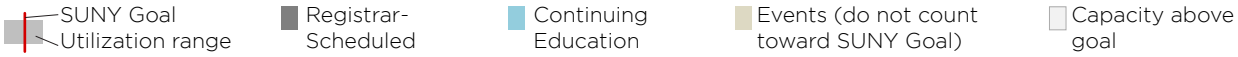
Newburgh Campus

Hours per Week



Seat Fill

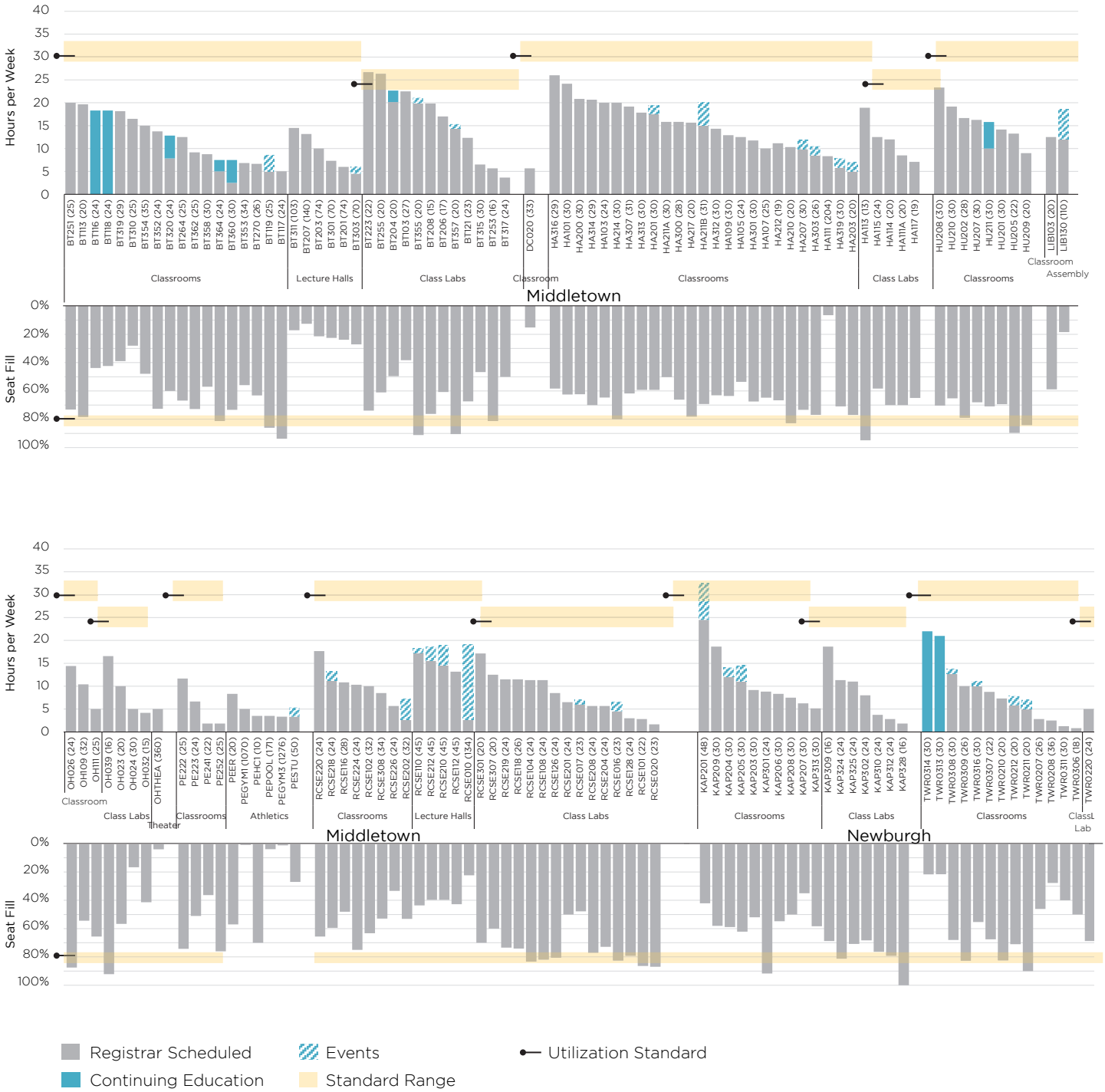




Room by Room Utilization

Daytime hourly utilization and seat fill for instructional spaces scheduled during the peak week of the Fall 2023 semester are illustrated below. The SUNY standard and target utilization range are shown in yellow. The graphs includes registrar-scheduled hours (gray bars), continuing education hours (blue bars), and reported event hours that occurred before 5:00 PM (striped bars)

If the registrar-scheduled and continuing education hours reached or exceeded the yellow target range in both hourly and seat fill categories, the space is considered to be well utilized. No scheduled instructional spaces met both standards, but there were classrooms and class laboratories on both campuses that met the seat fill target.



Classroom and Lecture Hall Demand

Classroom and lecture hall demand was calculated based on anticipated program growth, square footage of existing space, and SUNY recommended station sizes. The graphs below show the anticipated classroom and lecture hall demand based on existing station counts and course caps.

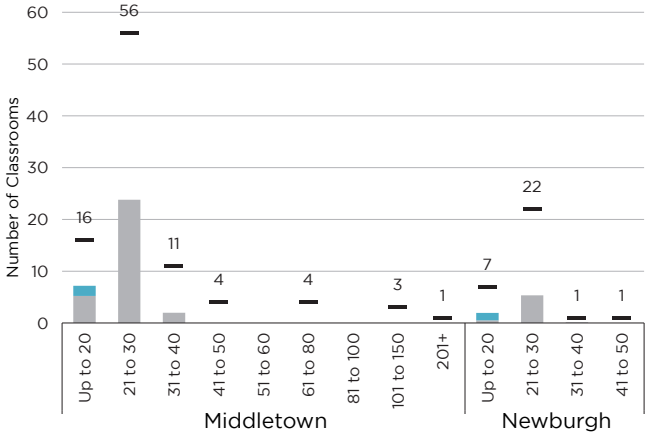
For the analysis, classrooms and lecture halls were sorted by seating range. Black lines (-) indicate how many spaces are available within each seating range. The gray and blue bars represent how many classrooms and lecture halls will be needed to accommodate the anticipated demand based on variable hourly and seat fill targets.

The first graph (Instructional Distribution as Delivered) reflects how classrooms and lecture halls were scheduled in Fall 2023. Spreading instruction to available rooms, regardless of course caps and hourly demand, resulted in a low hourly utilization rate (12.1 hours per week) and seat fill (60 percent).

The second graph (Capacity at SUNY Standard Utilization Rates) shows that the College would have surplus space in every seating range in the SUNY targets were applied and courses were moved to appropriate-sized spaces. Based on the reported needs of the students at SUNY Orange, it may not be feasible to achieve the SUNY hourly and seat fill targets.

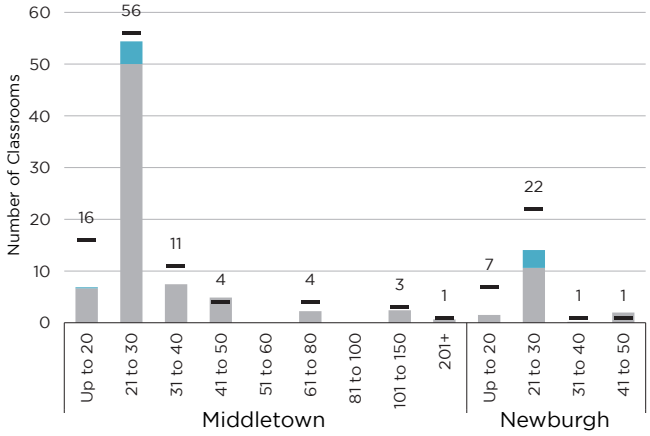
As shown in the final graph (Capacity at Adapted Utilization Rates) applying an adapted set of targets will help the College gradually increase utilization while allowing schedules that accommodate work and family obligations. At 20 hours per week, only 60 classrooms would be required to meet the anticipated demand. This will allow the College to repurpose classroom space to meet other needs and/or temporarily take classrooms offline to enable building renovations.

Capacity at SUNY Standard Utilization Rates
(30 hours/week, 80 percent seat fill)



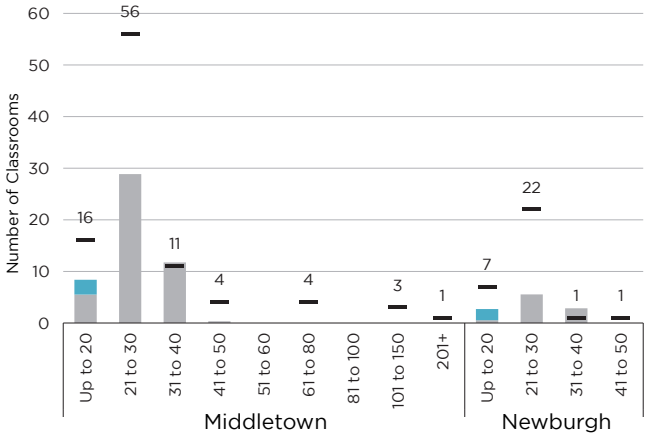
Seating Capacity Range
40 classrooms required

Instructional Distribution as Delivered
(12.1 hours/week, 60 percent seat fill)



Seating Capacity Range
97 classrooms required

Capacity at Adapted Utilization Rates
(20 hours/week, 70 percent seat fill)



Seating Capacity Range
60 classrooms required

Registrar Scheduled
Continuing Education
Classrooms and Lecture Halls in inventory

Class Laboratory Demand

One Weekly Student Contact Hour (WSCH) is the equivalent of one student occupying one instructional seat for one hour. On average, class laboratories did not meet the WSCH target established by SUNY during the Fall 2023 semester. However, if adapted utilization targets are applied (20 hours/week, 70 percent seat fill), six class laboratories on the Middletown Campus would have exceeded the WSCH target, indicating that additional space may be needed to grow those programs.

Class Laboratories

Bio-Tech 208 held seven sections of nursing classes. Course meetings were two hours and 50 minutes each and seat fill exceeded the 70 percent adapted standard in four of the seven sections.

The 15-station lab is 1,331 square feet, resulting in 89 square feet per station. At this station size, 100 percent seat fill can be accommodated comfortably. Therefore, exceeding the seat fill goal is not a concern. The lab can accommodate an additional four hours of instruction per week before an additional lad is needed.

Bio-Tech 223 held five sections of dental hygiene classes. Four course meetings were two hours and 50 minutes and one was six hours and 50 minutes. Hourly use exceeded the SUNY target and seat fill exceeded the 70 percent adapted target in two of the five sections. There is limited capacity to add students to existing course sections. Additional capacity is required to serve the dental hygiene program.

In **Bio-Tech 255**, course meetings fell short of the seat fill target, but the six sections of computer science classes in the lab had long durations that caused the room to exceed the adapted WSCH capacity.

Another computer science lab, **Bio-Tech 355**, held seven sections. Hourly use approached the adapted target and six of the seven course sections exceeded the seat fill target.

Combined, the three computer science labs in the Bio-Tech Building were scheduled for 60 hours per week (average 20 hours per week). If additional demand occurs in computer science, each lab could be scheduled for four additional hours before additional space is needed.

Harriman 113, an art studio, had hourly use below the SUNY target but all five drawing course sections scheduled in the space exceeded the seat fill target. Station sizes in this studio are 60 square feet, which can comfortably accommodate seat fill up to 100 percent. No action is recommended unless section sizes increase.

Fall 2023 Use Exceeded Adapted WSCH Capacity

Class Lab	Courses Taught
Bio Tech 208	Nursing 1
Bio Tech 223	Dental Bio-Mat & Adv Functions
	Prev. Oral Health Services 1
	Prev. Oral Health Services 3
Bio Tech 255	Database Fundamentals & Design
	Networking 2
Bio Tech 355	Computer Org. & Assembly Lang.
	Computer Science 2
	Intro to App Logic Thr Script
	Web Programming 1
Harriman 113	Design 1
	Drawing 1
	Figure Drawing 1
Orange 039	Digital Photography 1
	Visual Com & Graphics Design 1
	Web Design 1

Open Lab	Courses Taught
BT210B	Nursing Labs
BT229	
KAP303	
KAP305	
KAP307	

Orange Hall 039 held five sections of digital photography classes. Seat fill exceeded the adapted targets, but hourly capacity was available. If students report crowded conditions in this lab, the College should consider splitting the largest section sizes..

Open Laboratories

Two open labs in the Bio-Tech Building and three open labs in Kaplan Hall held full-day, week-long nursing lab sections. Every station was filled during those course meetings.

These nursing labs consist of large instructional spaces with adjacent simulation rooms. Seating capacity is listed as 10 seats, which matches section enrollments during the Fall 2023 semester. Based on the square footage of each space, the labs could hold up to 24 students per section. Depending on pedagogy and cohort sizes, additional students could be enrolled.

Given the full-day utilization of these labs, additional course meetings could not be added. Increasing the number of students per section is likely the only way to accommodate program growth.

Station Sizes

During the past decade, instructional methods have shifted from traditional lecture to active learning. Station sizes in classrooms and class labs have increased accordingly to make space for modern learning environments that allow students and instructors to move freely.

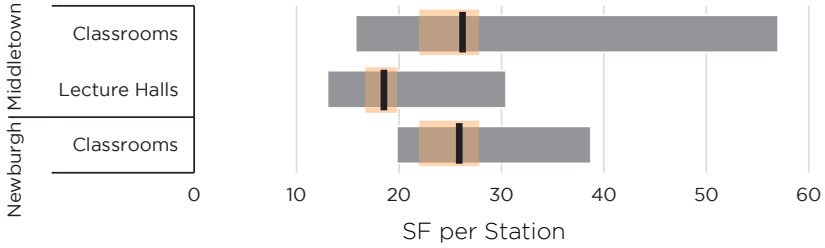
In classrooms, SUNY recommends 22 to 28 square feet per station. Classrooms at the Middletown Campus range from 15 to 56 square feet per station. At the Newburgh Campus, station sizes range from 20 to 39 square feet per station. On average, station sizes were within the SUNY recommended range.

Traditional fixed-seat lecture halls should have station sizes between 18 and 20 square feet per station. The Middletown Campus has six lecture halls with station sizes smaller than recommended. Four lecture halls in the Rowley Center have 30 square feet per station, which is suitable for both active learning and traditional lecture.

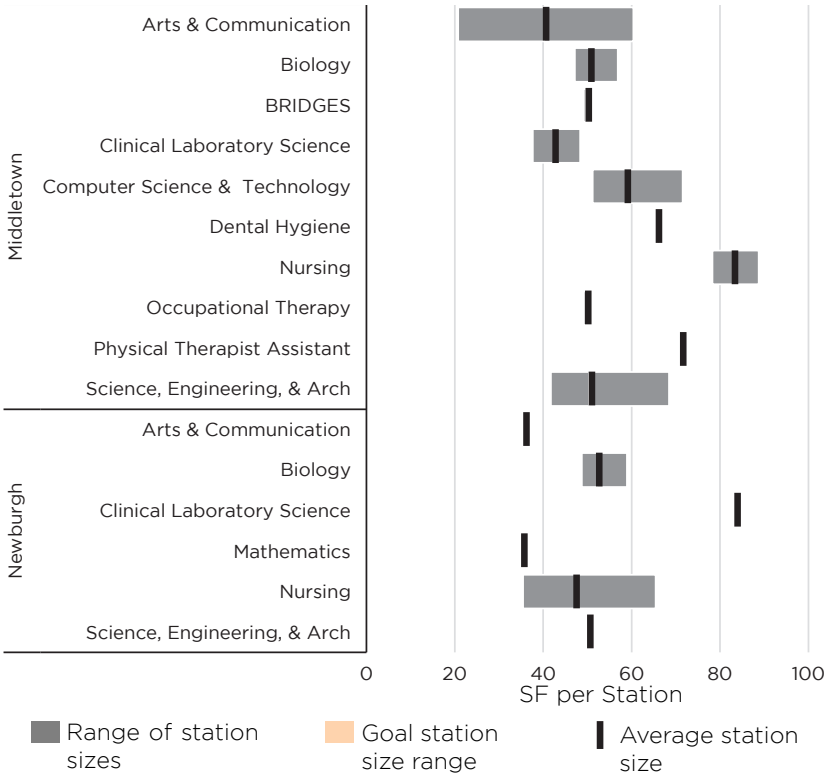
Recommendations for class laboratories vary by discipline. College-wide, the average station size is 53 square feet per station. The smallest lab stations are in Harriman Hall 111A (21 square feet) and the largest are in the Bio-Tech Building (63 square feet).

Instructional Station Sizes

Lecture Spaces



Class Laboratories



Utilization Recommendations

One of the goals of this master plan is to maximize utilization of existing space. In order to improve utilization in classrooms and class labs, the planning team recommends the following:

- Increase utilization targets to 20 hours per week and 70 percent seat fill in all instructional spaces. Strive to achieve hourly and seat fill utilization that meets or exceeds SUNY targets before constructing additional space.
- When classrooms and laboratories are renovated, provide station sizes that align with SUNY recommendations.
- On average, SUNY Orange course sections are 82 percent filled (enrollment compared to course cap). There is little opportunity to further optimize sections. The College should continue filling sections to 80 percent or more before opening additional sections.
- Classrooms in the 31 to 40 seat range were in the highest demand during the Fall 2023 semester. Combining smaller, underutilized classrooms to create additional rooms in this capacity range would add flexibility for course sections with 23 to 36 students (assuming a seat fill range between 75 percent and 90 percent).
- Provide an additional lab and support space for the Dental Hygiene Program.
- If enrollment or demand increases in the Nursing and Computer Science Programs, additional lab and support space may be needed.

Hudson Hall Classroom

Space Needs Analysis

Introduction

As part of the space needs analysis, the planning team examined how external and internal factors may impact academic program offerings and enrollment growth at SUNY Orange over the next five to ten years.

An environmental scan was completed to anticipate how external drivers may impact the recommendations. It included a focused assessment of population data, regional industry trends, and other higher education institutions in the Hudson Valley.

The planning team conducted online surveys and hosted meetings with administrators, faculty, staff, and students to identify internal factors that may impact the growth of the College. These information sessions were essential to understanding current and future space needs.

Once external and internal influences were identified, the planning team worked with the Steering Committee to develop enrollment projections for all current and future academic programs.

Newburgh Campus

Population Data

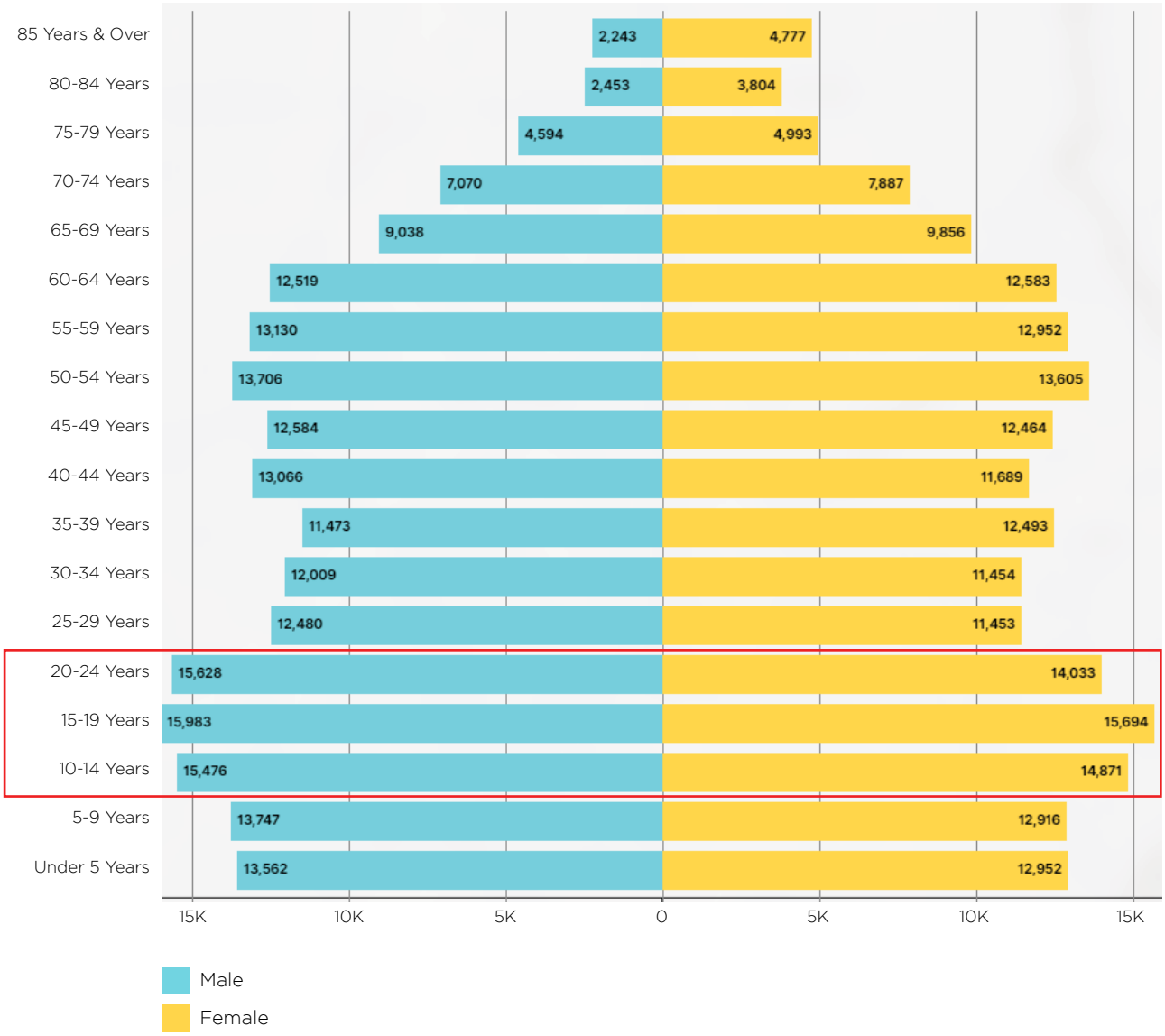
Based on population data from the *U.S. Census Bureau*, the age groups of 10 to 24 year olds are the largest in Orange County. Since 80.2 percent of SUNY Orange students reside in Orange County, the College will benefit from this swell in population. As shown in the graph below, the next classes of potential traditional-age college students from Orange County will be smaller.

Hudson Valley Industry

The graphs on the following page were generated from data provided by the *U.S. Bureau of Labor Statistics.* The "Quarterly Census of Employment and Wages" indicated that the Health Care and Social Assistance sector employed the largest share of workers in 2023. This sector also generated the highest annual payroll. SUNY Orange's array of healthcare programs creates a pipeline for students to gain employment in this industry..

Retail Trade and Hospitality followed Healthcare and Social Assistance in number of employees, but contributed proportionally less to the economy. There are opportunities for well-paying jobs in Construction; Administration Support; Manufacturing; Transportation and Warehousing; and Wholesale Trade if job availability

Population by Age and Gender

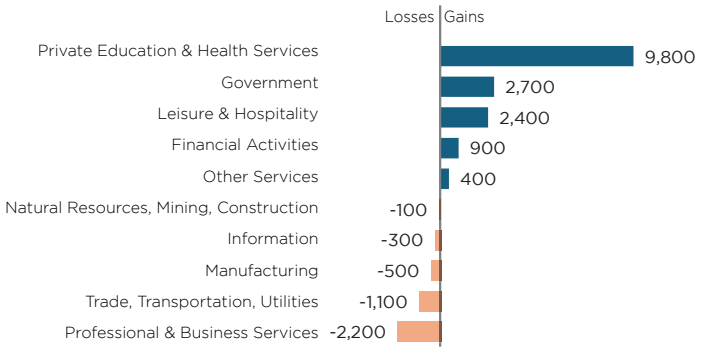


Source: "S0101 ACS 5-Year Estimates Subject Tables." *United States Census Bureau*, 2020, http://data.census.gov/profile/Orange_County,_New York?g=050XX00US36071

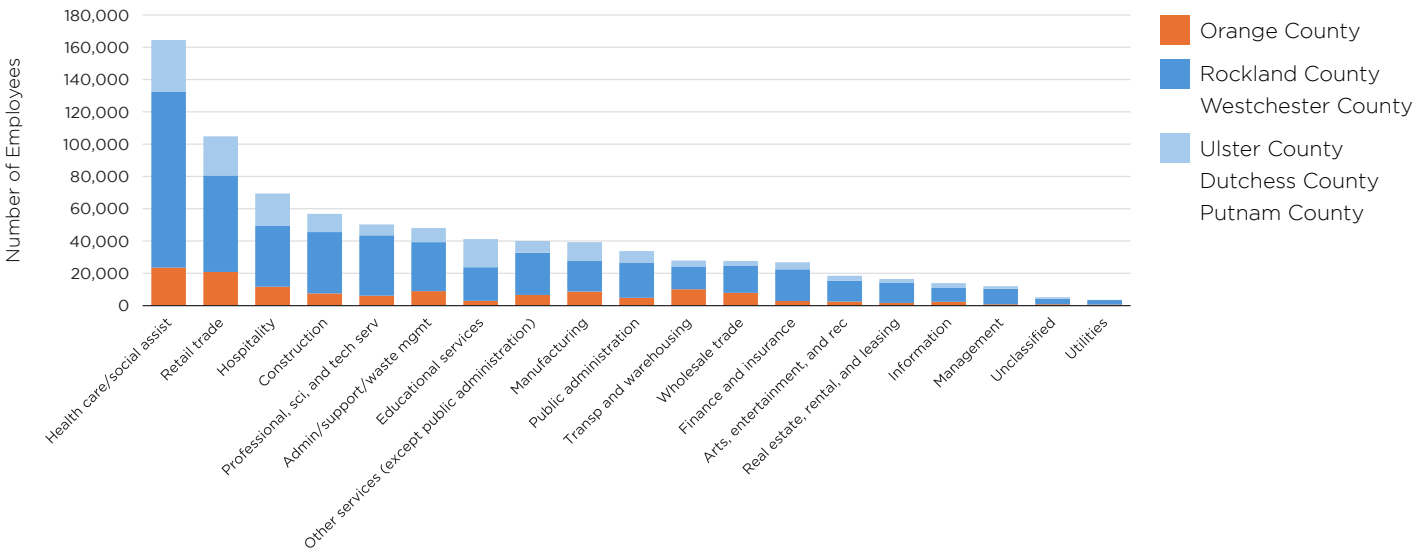
persists. These categories had relatively high numbers of employees and relatively high annual payroll in Orange County in 2023.

Gains and losses by industry from 2023 to 2024 are shown in the "Orange County Job Count Change" chart to the right. Health Services jobs had the most growth during that time period. Leisure and Hospitality jobs also showed growth. Construction jobs stayed relatively level, while jobs related to Manufacturing, Trade, Transportation, Utilities, and Professional Services decreased.

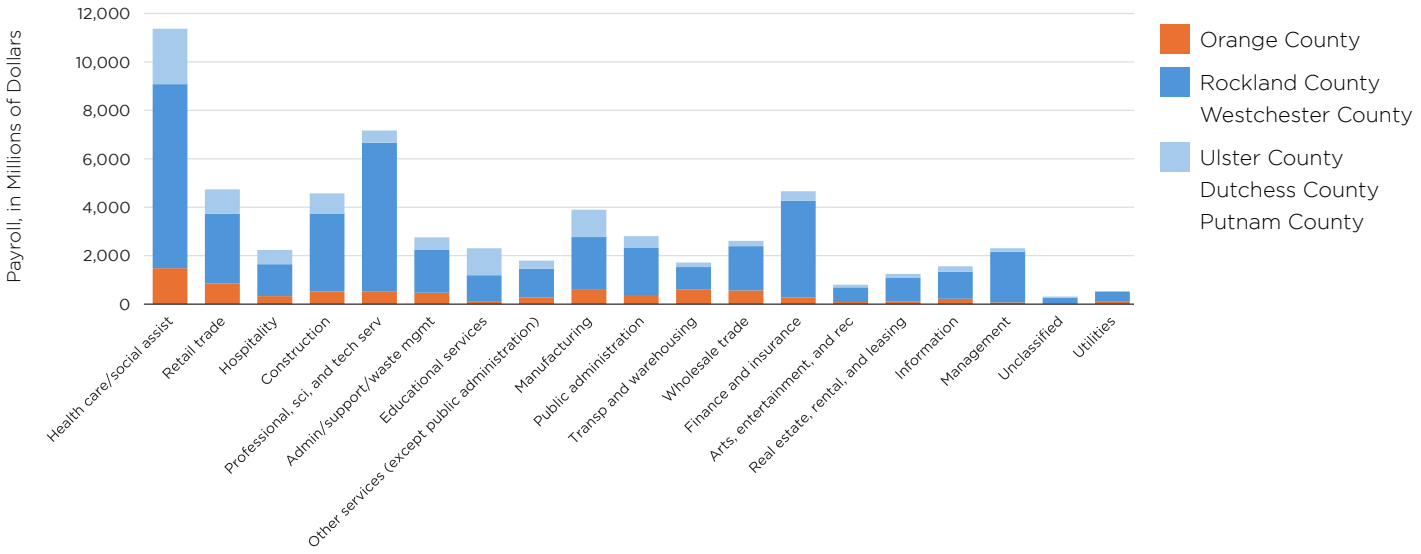
Orange County Job Count Change



Number of Employees by Industry in 2023



Annual Payroll by Industry in 2023



Sources: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages 2023
"Labor Market Briefing, Hudson Valley" published by the New York State Department of Labor in April 2024

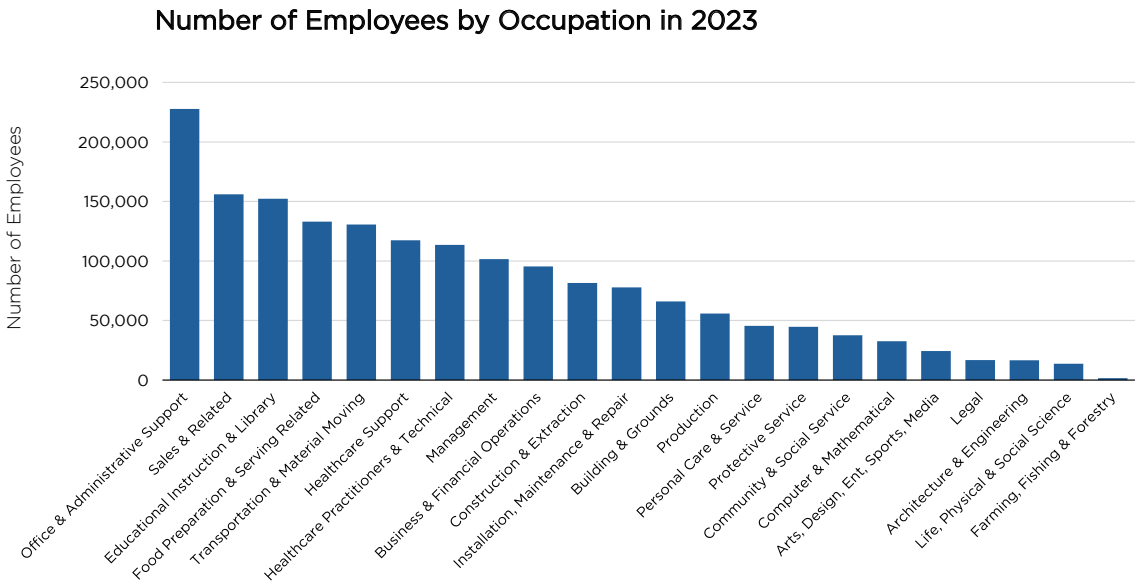
Hudson Valley Occupations

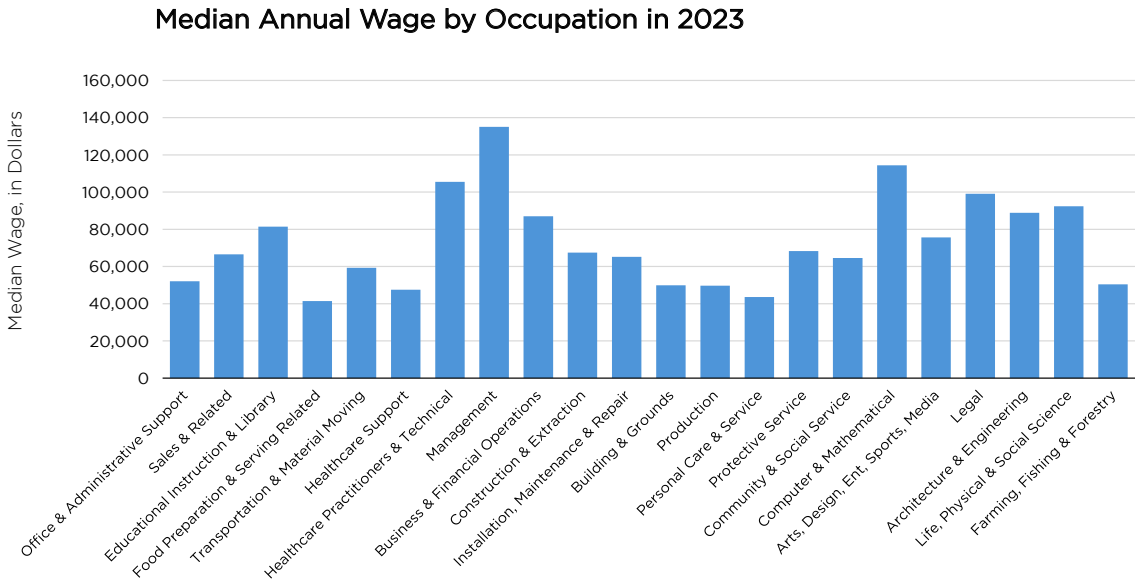
The "Occupational Employment and Wage Statistics" published by the *New York State Department of Labor* in June 2023 indicate that Office and Administrative Support workers have the largest share of jobs in the Hudson Valley. Sales jobs are the second largest occupational group, but there were 71,600 fewer employees in Sales than Office and Administrative Support.

Healthcare Support and Healthcare Practitioners were sixth and seventh, respectively, by number of workers. Combined, 230,000 individuals performed these jobs in 2023, roughly equal to the number of office workers.

An analysis of median annual wages across occupations shows that the number of jobs available does not necessarily reflect an opportunity to earn a living wage. For example, there were many people employed by the food service industry in 2023, but the median wage for those jobs was lower than other occupations.

Healthcare jobs were highlighted in this analysis to illustrate the importance of building skills in those professions. A SUNY Orange graduate would likely have success finding work in Healthcare Support, but their annual pay may be low. Adding skills will help these students advance into





Source: NYS Department of Labor Occupational Employment and Wage Statistics, June 1, 2023

jobs with higher pay, such as performing the technical duties that directly support medical professionals.

According to the *New York State Department of Labor,* several healthcare professions will experience significant growth from 2020 to 2030. As the chart below shows, Home Health and Personal Care Aides are expected to see the largest increase, with a projected growth rate of 41 percent. This reflects the rising demand for in-home care services as the population continues to age.

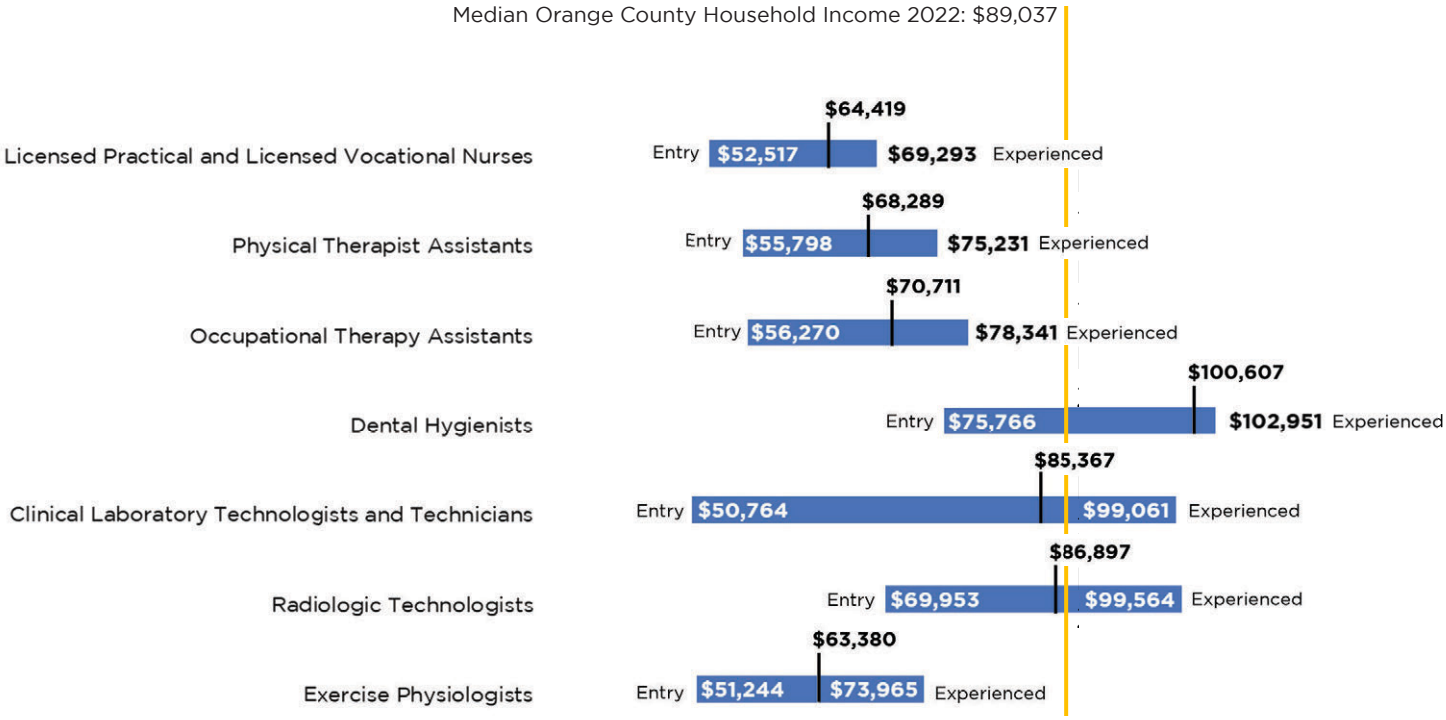
Other occupations, such as Registered Nurses, Physical Therapy Assistants, Dental Hygienists, and Radiologic Technologists are also expected to grow. This underscores the expanding need for highly specialized healthcare professionals and the importance of SUNY Orange's healthcare programs in addressing workforce demands and preparing students for careers in an expanding sector.

Long-Term Healthcare Employment Projections for the Hudson Valley

Middletown	Newburgh	Occupation	% Change	Net Change
		Home Health and Personal Care Aides	41%	15,540
●	●	Registered Nurses	19%	4,080
		Nursing Assistants	20%	1,970
●	●	Licensed Practical and Licensed Vocational Nurses	22%	1,510
		Nurse Practitioners	64%	980
		Medical Assistants	28%	820
		Physical Therapists	27%	740
		Speech-Language Pathologists	40%	720
		Emergency Medical Technicians and Paramedics	26%	580
		Physician Assistants	41%	540
		Occupational Therapists	27%	470
●		Physical Therapist Assistants	46%	410
		Medical Transcriptionists	30%	400
		Pharmacy Technicians	25%	390
●		Occupational Therapy Assistants	45%	380
		Dental Assistants	18%	360
		Phlebotomists	31%	320
●		Dental Hygienists	18%	320
		Physicians, All Other; and Ophthalmologists, Except Pediatric	12%	300
		Health Technologists and Technicians, All Other	17%	290
		Massage Therapists	45%	280
●		Clinical Laboratory Technologists and Technicians	17%	270
●		Radiologic Technologists	16%	240
●		Exercise Physiologists	25%	30

The chart below shows the median annual wages for select healthcare professions in the Hudson Valley. Among the listed occupations, Dental Hygienists have the highest annual wage at $100,607, significantly higher than the median household income of $89,037. Other occupations, such as Radiologic Technologists and Clinical Laboratory Technologists, also offer competitive wages. The range of median annual wages from an entry level position to an experienced professional emphasizes the importance of creating pathways to higher-skill jobs.

Annual Wages: Entry Level to Experienced Professional



Source: *New York State, Department of Labor*

Academic Programs in the Hudson Valley

The table below shows the number of degree and certificate programs offered at community colleges in the Hudson Valley. Many of the healthcare programs offered at SUNY Orange can provide direct pathways to high-paying, in-demand jobs in the region. Some of these programs, such as Medical Billing and Medical Coding, focus on the administrative side of healthcare rather than direct patient care. SUNY Orange is the only community college in the region to offer programs in Dental Hygiene, Medical Laboratory Technician, Medical Office Assistant, and Physical Therapy Assistant, positioning the College as a leader in these fields.

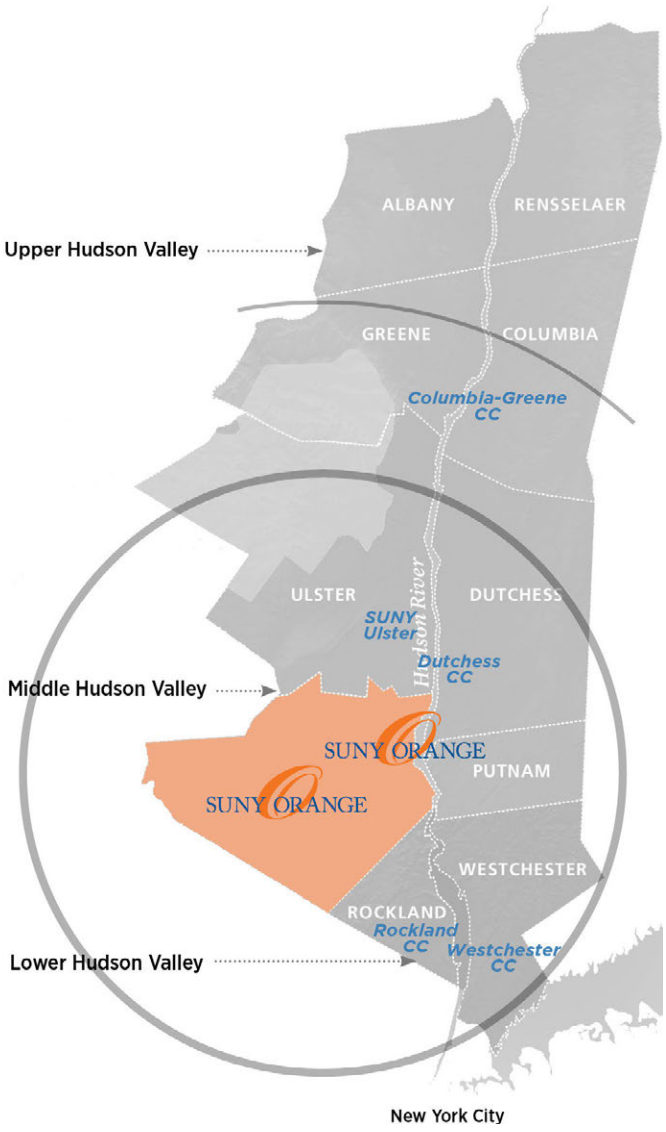
Multiple Hudson Valley colleges offer programs in Criminal Justice, Homeland Security, and EMT/Paramedics. Other academic programs are grouped by demand categories, such as Business, Education, and Liberal Arts.

Number of Degree and Certificate Programs in the Hudson Valley

		Number of Degree and Certificate Programs					
Demand Category		Columbia-Greene CC	SUNY Ulster	Dutchess CC	SUNY Orange	Rockland CC	Westchester CC
Healthcare & Public Health	Addiction Counseling			1			2
	Clinical Laboratory Technician			1			
	Community Health and Case Mgmt						1
	Dental Hygiene				1 ●		
	Health Information Technology						1
	Health Professions	1				1	1
	Medical Assistant	1					
	Medical Billing						1
	Medical Coding						1
	Medical Laboratory Technician				1 ●		
	Medical Office Assistant				1 ●		
	Mental Health Assistant			1			
	Nutrition						1
	Veterinary Technology		2				1
	Nursing	1	1	1	2	1	1
	Occupational Therapy Assistant				1	1	
	Phlebotomist			1			
	Physical Therapist Assistant				1 ●		
	Public Health			1	1	1	
	Radiologic Technology				1		1
	Respiratory Care						1
Healthcare Total		3	3	6	9	4	12
Civil Service	Criminal Justice, Homeland Sec	2	3	2	3	2	2
	EMT/Paramedic			2			2
	Human Services	1	2	1	1		1
Civil Service Total		3	5	5	4	2	5
Agriculture and Natural Resources		1		1			
Architecture, Engineering, Construction		1	3	5	2	1	6
Business		5	7	6	8	11	8
Computer Science & Related		2	3	5	4	4	8
Education		9	8	13	9	4	4
Exercise Science, Recreation & Wellness				1	1	1	2
Liberal Arts		6	9	6	8	6	7
Tourism				1		2	1
Transportation		2		4		1	
Visual Arts, Design, & Related Degrees			3	2	2	4	7

● Only program in the region

Source: SUNY Find Your Major https://www.suny.edu/attend/find-a-suny-program/undergraduate/



SUNY Orange has made an investment in healthcare-related academic and workforce development programs. The physical resources on the campus (space and equipment) allow students to build the skills they need to find good paying jobs.

The population of traditional-age college students in Orange County is projected to decrease, which will make it more difficult for the College to maintain or grow enrollment. SUNY Orange could mitigate this challenge by creating pathways to advanced professional skills for all residents of Orange County.

In addition to healthcare occupations, administrative and technical jobs tailored to serve the healthcare industry will be in demand. Business degrees with specialties in medical office administration will continue to be valuable, especially if paired with computer skills to keep pace with electronic medical records and advances in business technology. Technicians to operate medical equipment will also be in demand.

The Hudson Valley saw growth in transportation and warehousing jobs, but job growth in that industry has started to decline. Jobs in skilled trades are still likely to be available for well trained, entry level graduates.

Based on population, industry, and occupational data, SUNY Orange should continue its dedication to creating pathways to jobs in the healthcare industry. This broad industry employs individuals in multiple occupations that need a wide variety of professional and technical skills. Tailoring academic offerings to include industry-specific skills would benefit students college-wide.

Campus Input

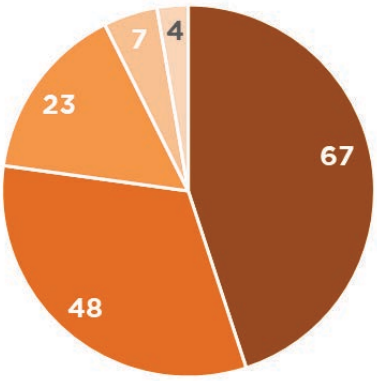
The planning team worked with the Steering Committee to prepare online surveys for students, faculty, and staff. Survey questions were designed to help the planning team better understand campus needs and priorities. The results offered valuable insight into the use of campus facilities and highlighted areas for improvement.

Classrooms, class laboratories, and offices were the most commonly discussed space types, with many respondents citing the need for upgraded technology, flexible layouts, and improved climate control. Faculty emphasized the importance of professional workspaces and instructional adaptability, while students prioritized recreational and social spaces. Both groups expressed a strong interest in more informal gathering areas and accessible, well-maintained facilities.

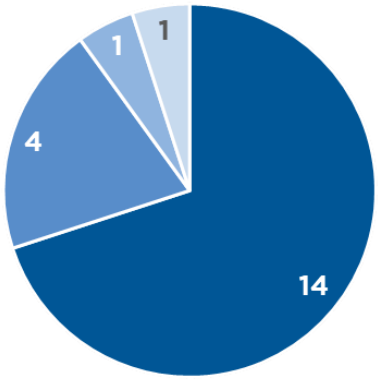
Online Student Survey

The student survey provided an opportunity for students to share how campus improvements could enhance their overall experience. A total of 185 students participated, with 90 identifying Middletown as their primary campus. Most students emphasized the importance of accessible facilities, well-equipped classrooms, and flexible spaces that support both academic and recreational needs. Priorities included modernizing classrooms, expanding study and lounge areas, and upgrading campus facilities. The following charts present the survey questions and corresponding results.

I take most of my classes at Middletown/Newburgh/On-Line because...



Middletown Campus Participants



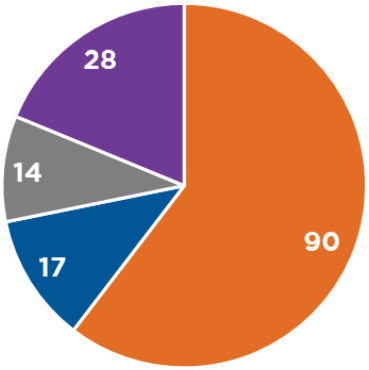
Newburgh Campus Participants

Online Participants

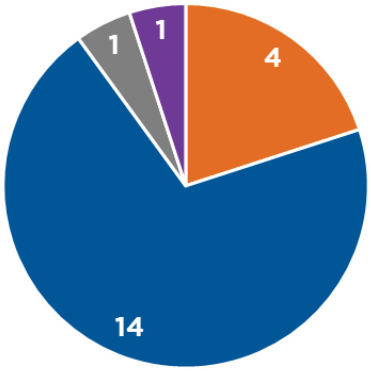
Why?

- It is the most convenient location for me.
- It offers the classes/programs that I need to complete my degree/certificate.
- It offers the classes/programs that interest me.
- The class times work better for my schedule.
- Other

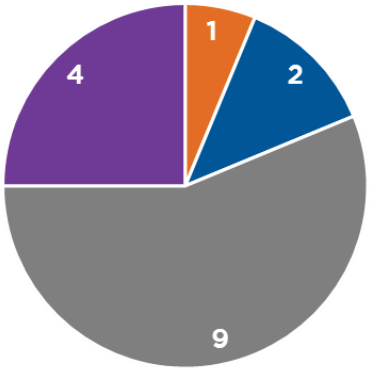
If I had my way, I would take more of my classes at...



Middletown Campus



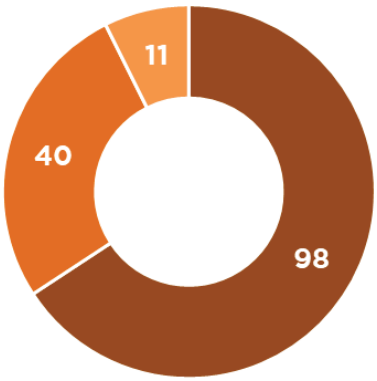
Newburgh Campus



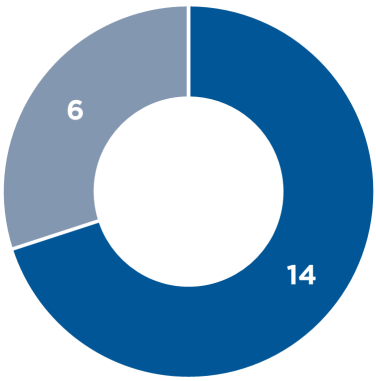
Online

- Middletown Campus Participants
- Newburgh Campus Participants
- Online Participants
- Hybrid Participants

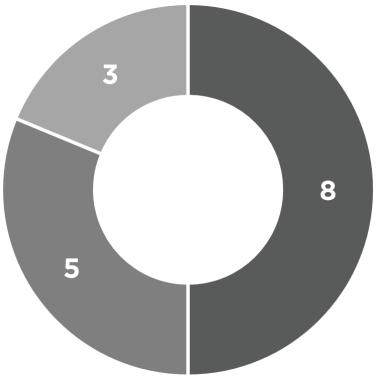
I prefer to take classes...



Middletown Campus Participants



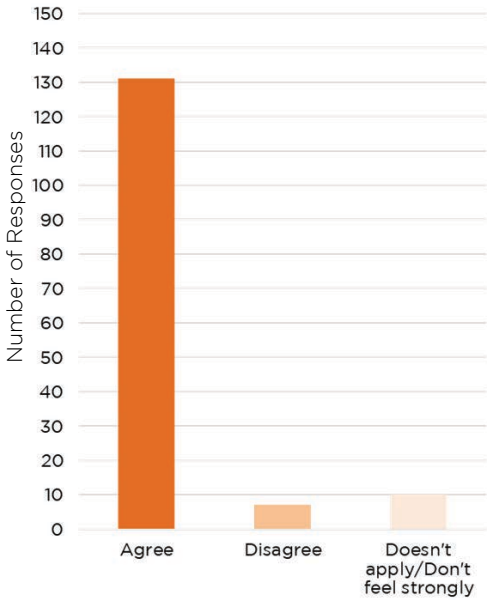
Newburgh Campus Participants



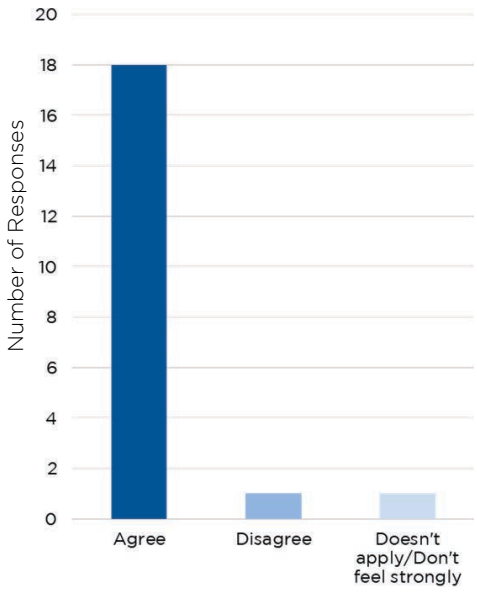
Online Participants

- In the morning.
- In the afternoon.
- In the evening.

I like the way the campus looks.

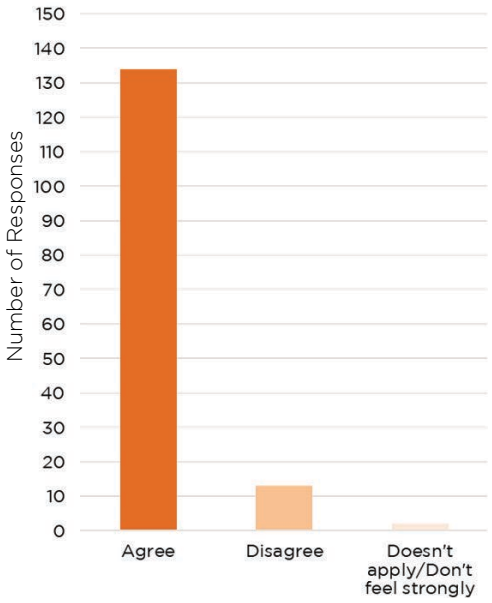


Middletown Campus

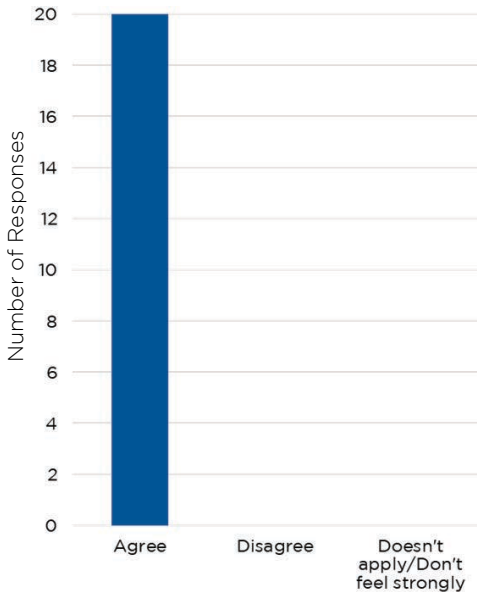


Newburgh Campus

It is easy for me to get to the location where I take most of my classes.

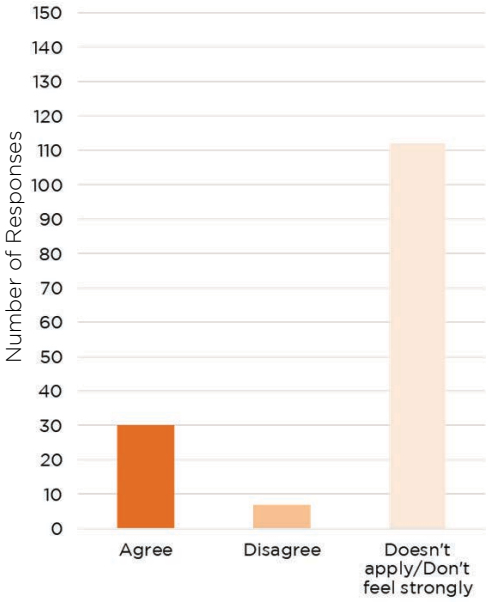


Middletown Campus

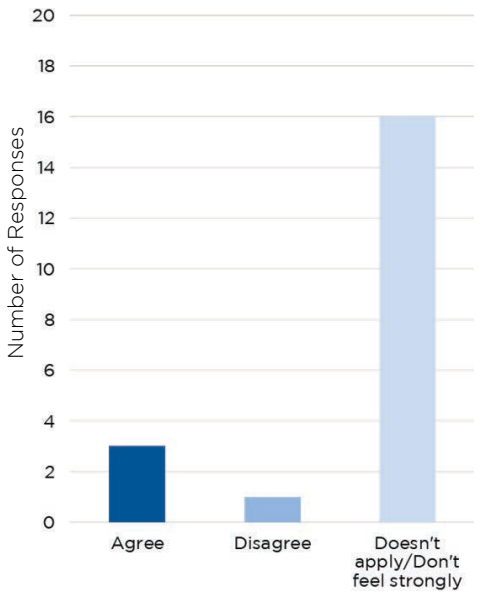


Newburgh Campus

The bus stop is convenient and meets my needs.

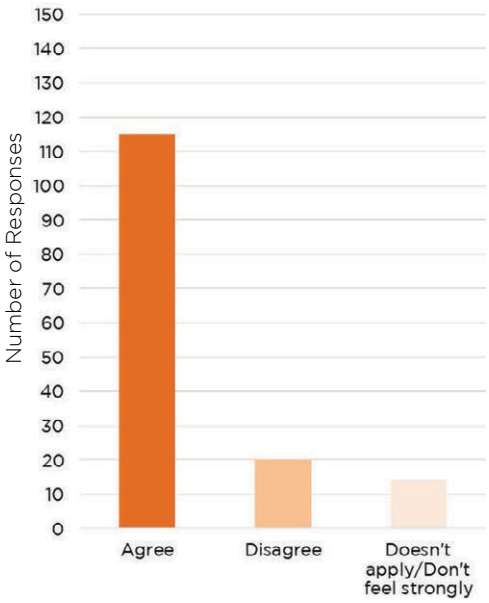


Middletown Campus

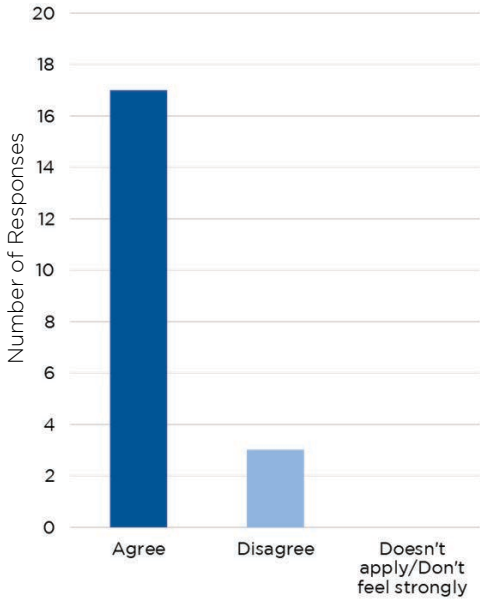


Newburgh Campus

I typically spend time on campus before, between, or after classes.



Middletown Campus



Newburgh Campus

Why not?

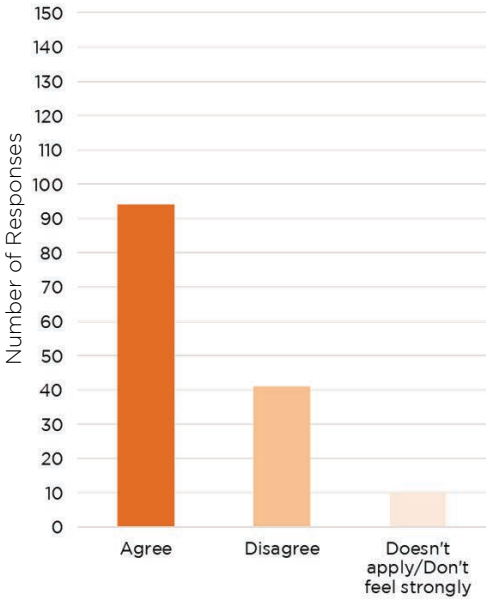
Middletown Campus

- *I would rather be at home.*
- *I have to work.*
- *My schedule is full.*
- *No activities on campus.*
- *I live close to campus.*
- *I have to study.*

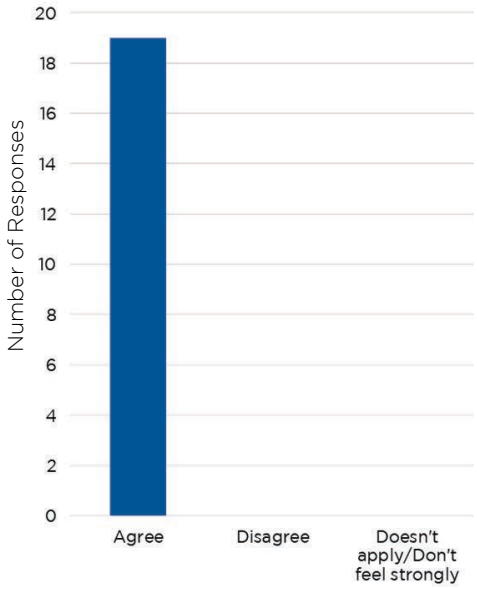
Newburgh Campus

- *I have to work.*

Classrooms and labs are comfortable and up-to-date.



Middletown Campus



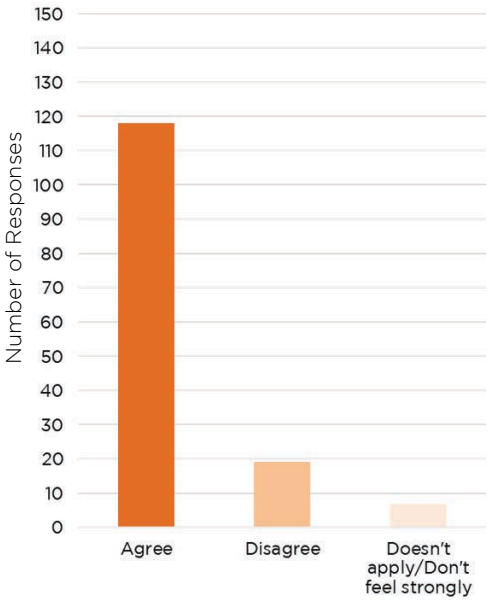
Newburgh Campus

Why not?

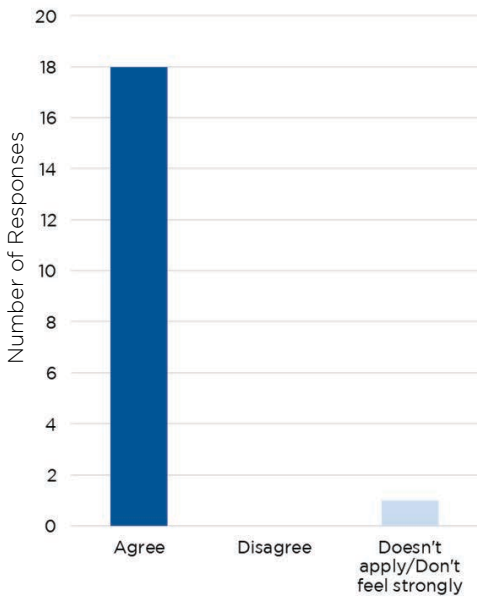
Middletown Campus

- *Provide New/Better Furniture*
- *Update Classrooms*
- *Update Equipment*
- *Improve Climate Control*
- *Update Computers*
- *Renovate Biotech Building*
- *Renovate Buildings*
- *Update Labs*

I can usually find a good place on campus to study and/or get my academic work done.

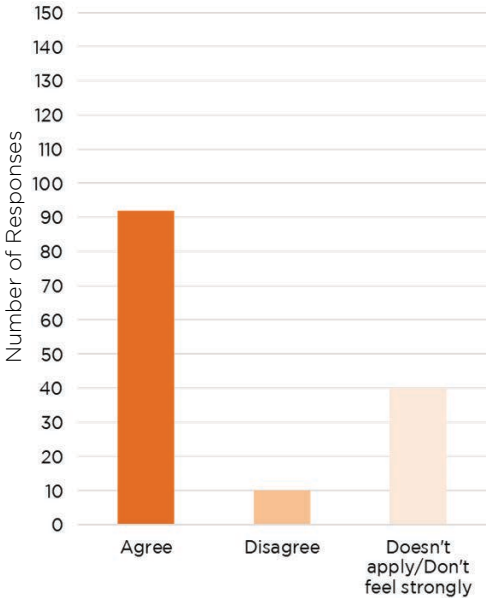


Middletown Campus

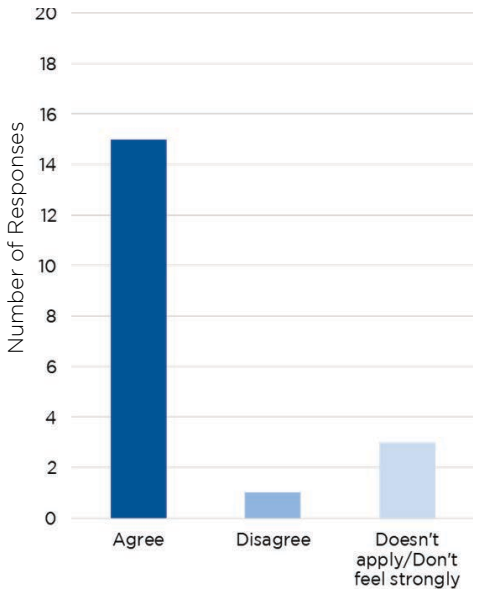


Newburgh Campus

There are good places on campus to socialize with my friends.

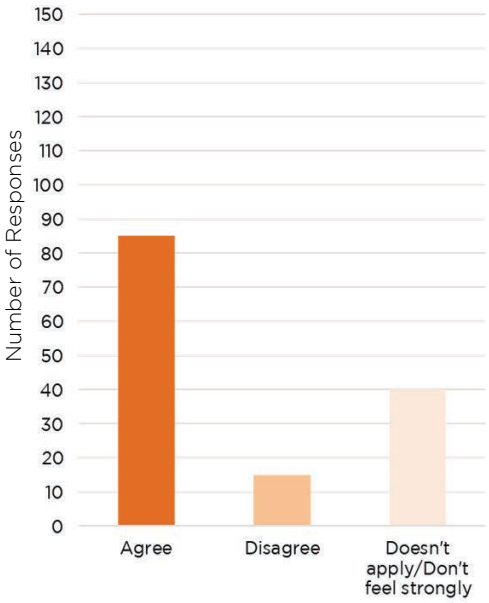


Middletown Campus

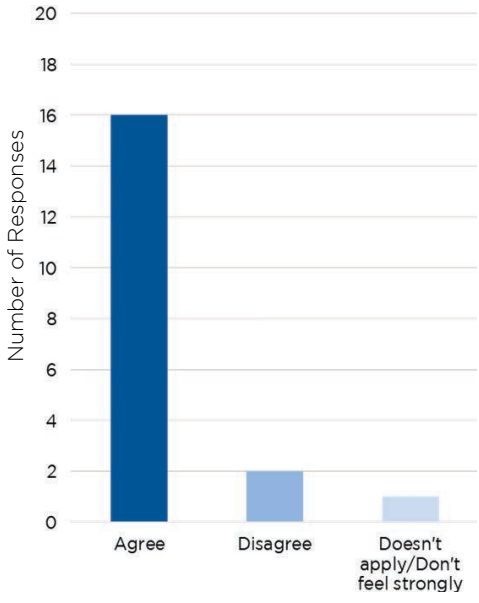


Newburgh Campus

I feel a sense of community and belonging at SUNY Orange.



Middletown Campus



Newburgh Campus

Why not?

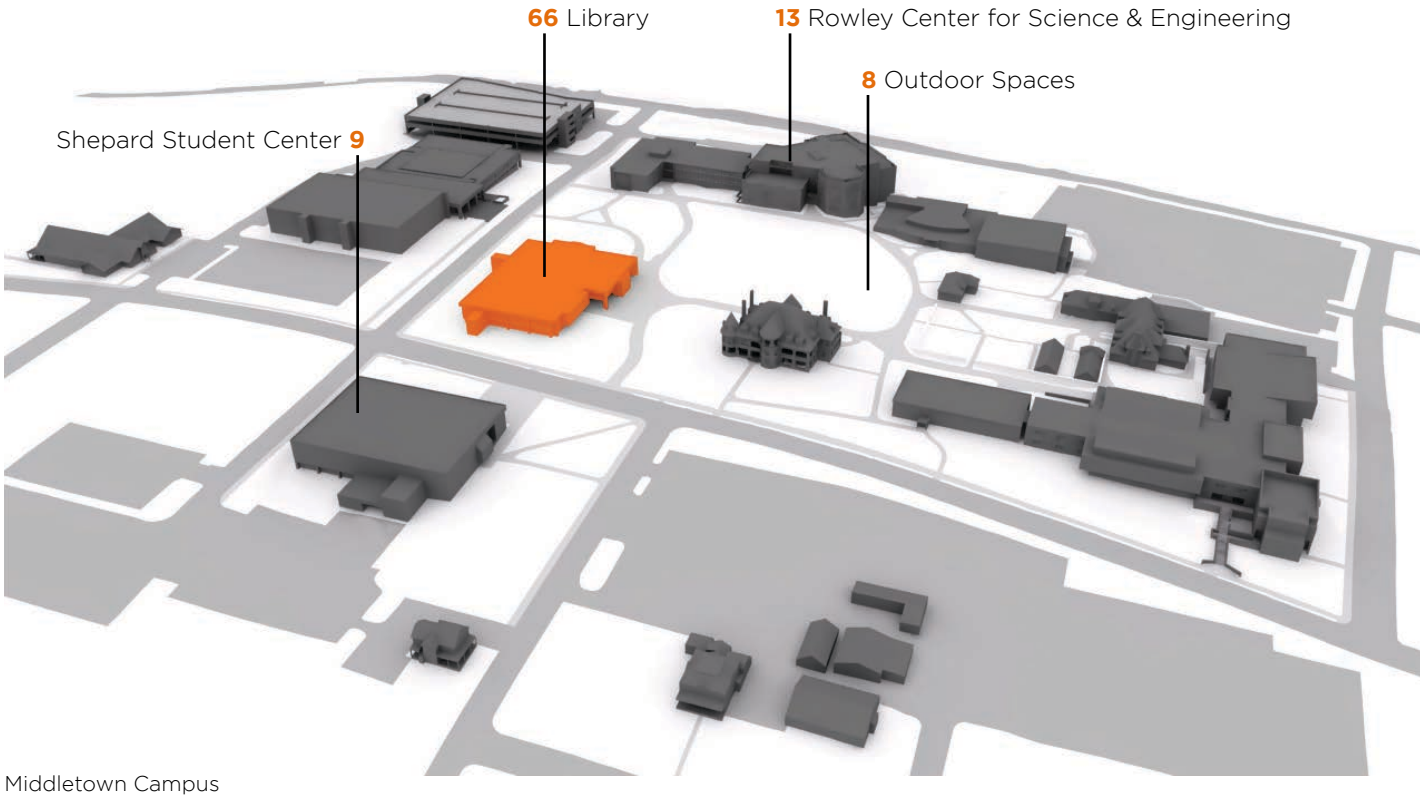
Middletown Campus

- *Not enough activities on campus.*
- *Would like more outdoor activities.*
- *Need more events that focus on immigrant students.*

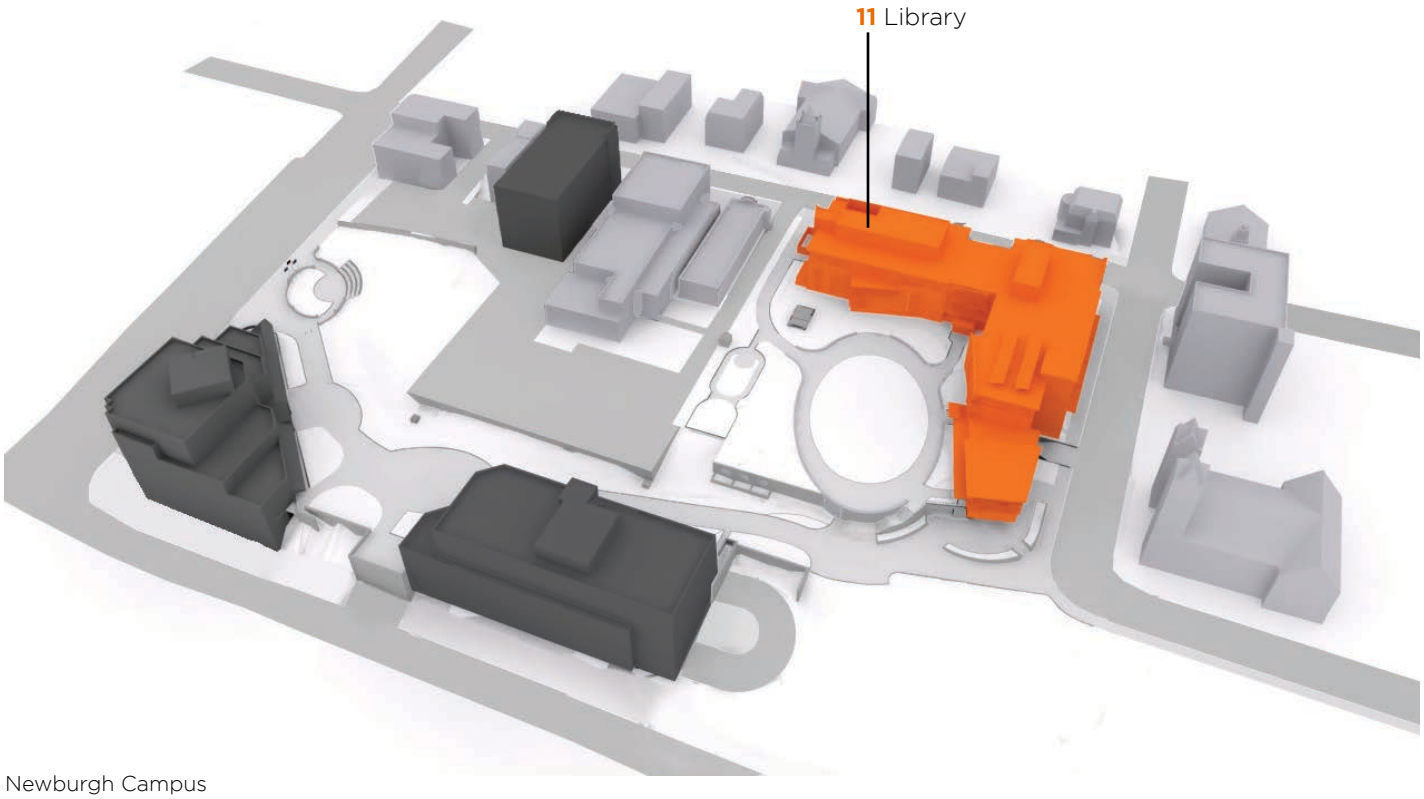
Newburgh Campus

- *Not enough group activities.*

Where is your favorite place on campus to study?

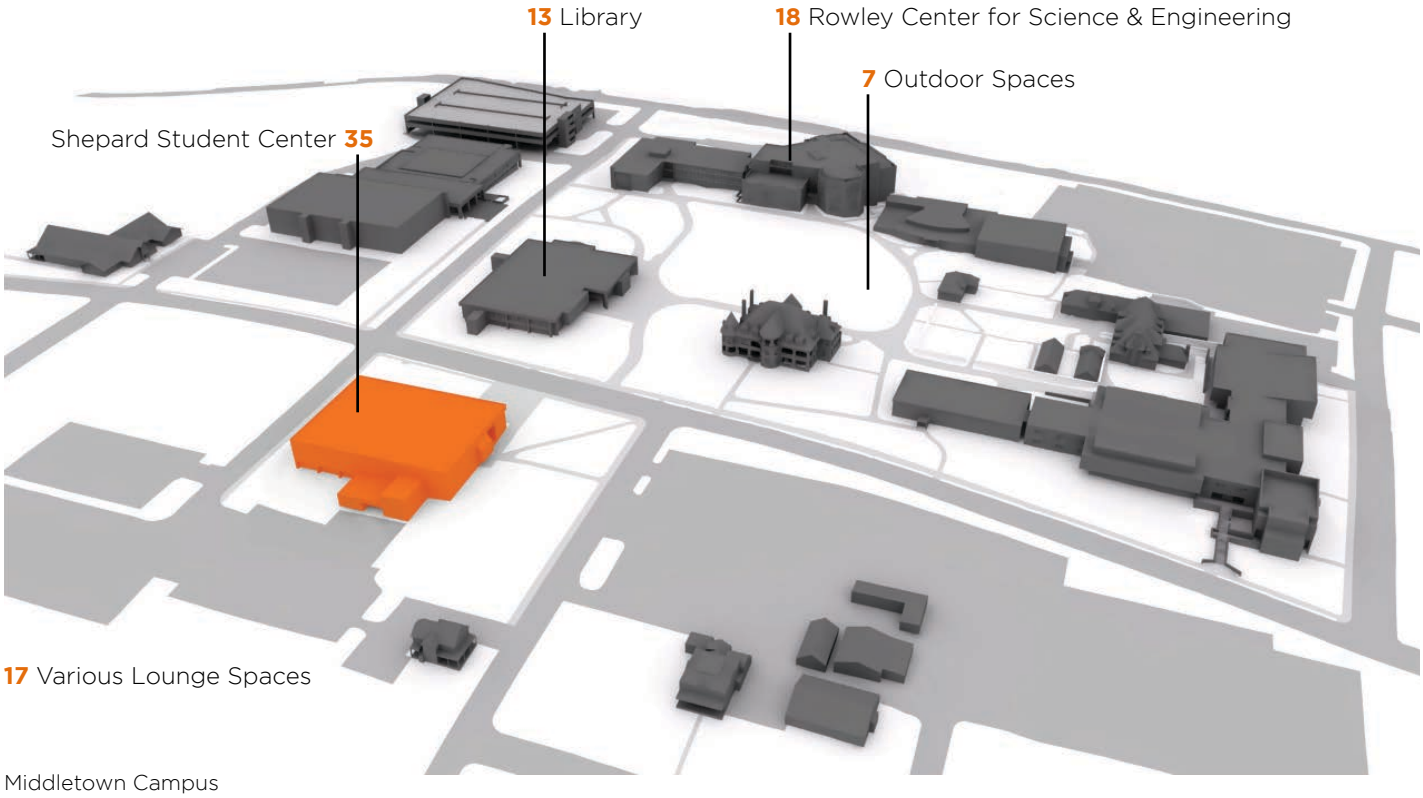


Middletown Campus

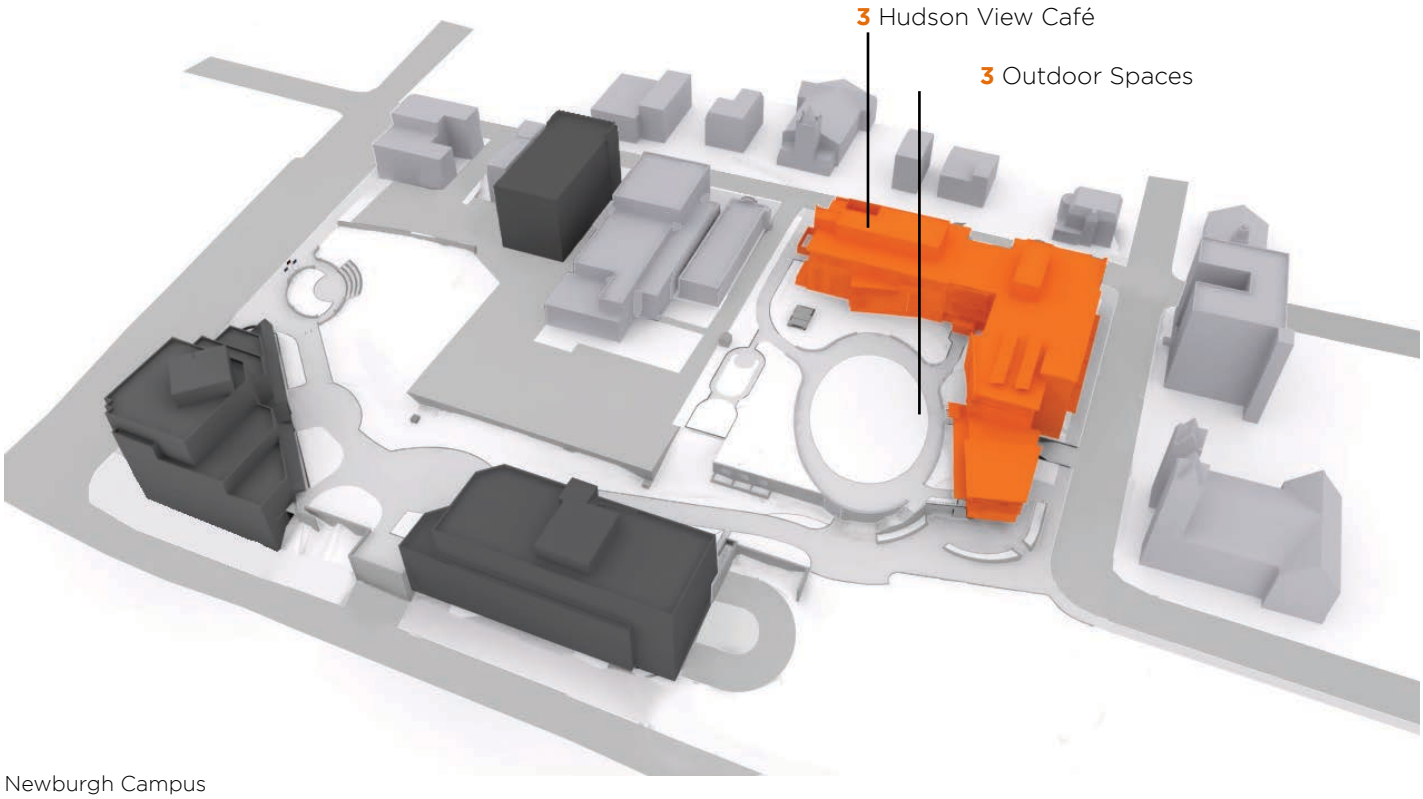


Newburgh Campus

Where do you like to meet with your friends?

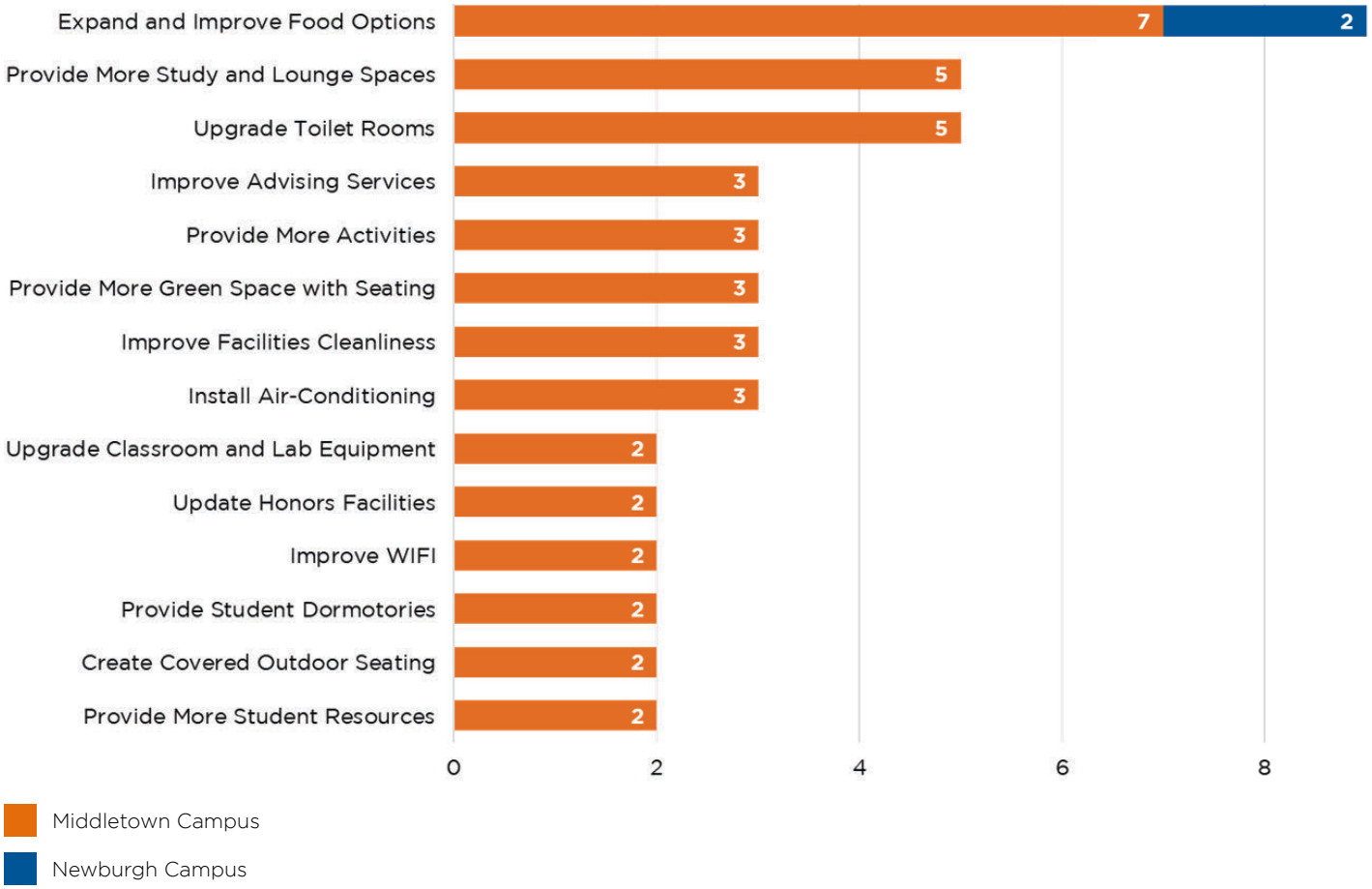


Middletown Campus



Newburgh Campus

Enter anything you think the facilities master plan should address that wasn't included in this survey.



Additional Responses

Middletown Campus

- *Place to play sports on campus*
- *Access to classrooms on weekends*
- *More places to fill water bottles*
- *Better on campus transportation*

Newburgh Campus

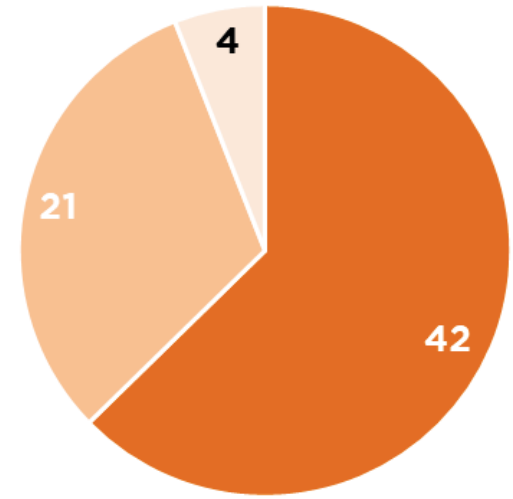
- *Better Furniture*
- *Add Dunkin Donuts*
- *More time in library to research papers*

Online Faculty and Staff Survey

Faculty and staff were also surveyed to gather their perspective on campus facilities. A total of 76 faculty and staff participated in the survey and provided their campus affiliation. The majority of respondents (42) were full-time faculty from the Middletown Campus. Only nine respondents indicated that they primarily worked at the Newburgh Campus.

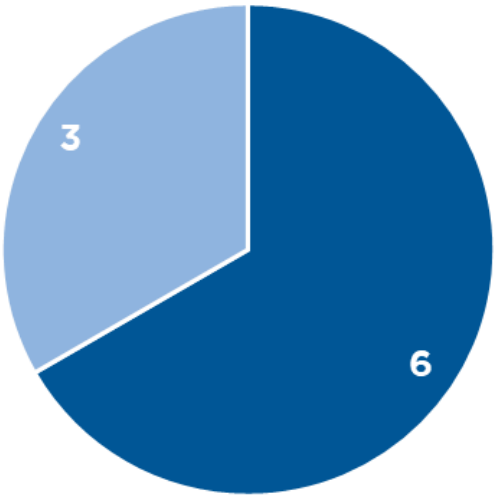
Survey responses highlighted a wide range of commonly used spaces across both campuses, including general classrooms and faculty offices. Many respondents emphasized the importance of upgrading instructional spaces to better support current and future teaching pedagogies. In particular, there was a preference for improved technology integration, more flexible layouts, and furnishings that can accommodate a variety of learning formats. Faculty and staff priorities included more consistent and responsive climate control, updated classrooms, and more collaboration space for students. The following graphs illustrate the questions posed in the survey and display the corresponding results.

I am a _____ employee.



Middletown Campus

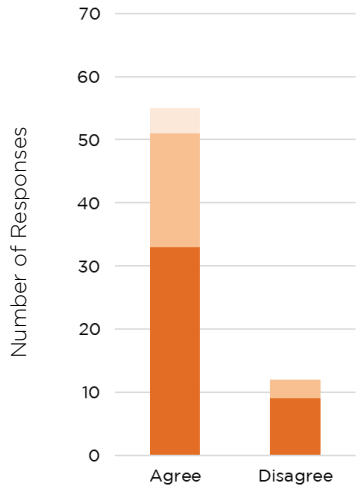
- Full-time Faculty
- Adjuncts
- Other Instructional Staff



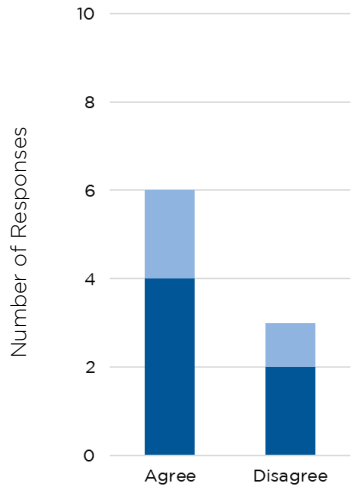
Newburgh Campus

- Full-time Faculty
- Adjuncts

My campus makes a good first impression.

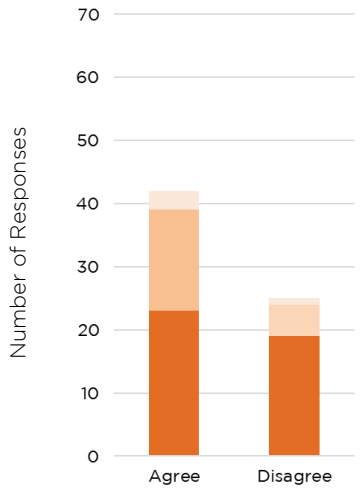


Middletown Campus

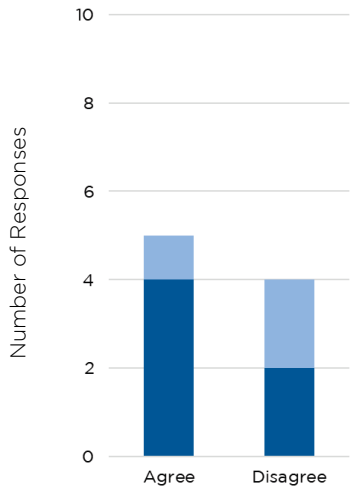


Newburgh Campus

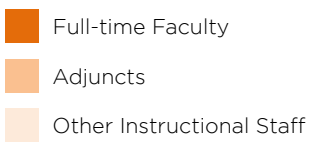
I have the space and resources I need to teach.

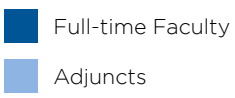


Middletown Campus



Newburgh Campus



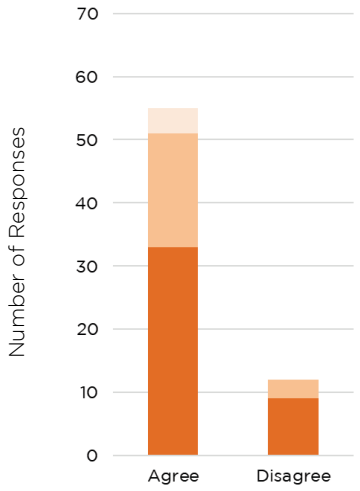


Why not?

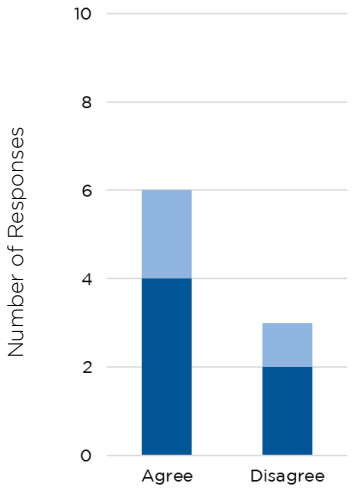
Middletown Campus

- *Classrooms, labs, and equipment are outdated*
- *Biotech needs renovation*
- *Furniture is obsolete*
- *Wifi is not reliable*

My campus facilities are safe and accessible.



Middletown Campus



Newburgh Campus

Why not?

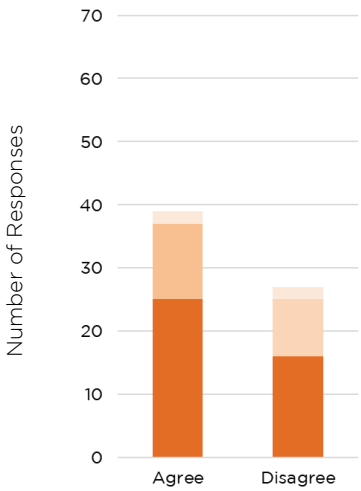
Middletown Campus

- *Security not sufficient*
- *Accessibility in toilet rooms*

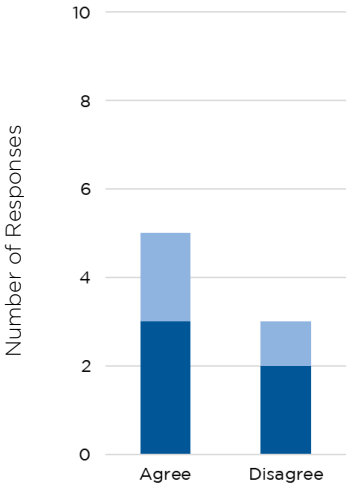
Newburgh Campus

- *Security not sufficient*

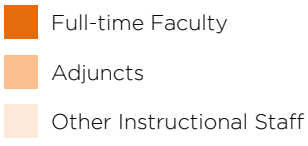
The classrooms I teach in support my teaching style and students' learning.

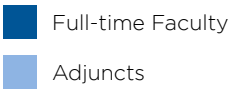


Middletown Campus



Newburgh Campus





Why not?

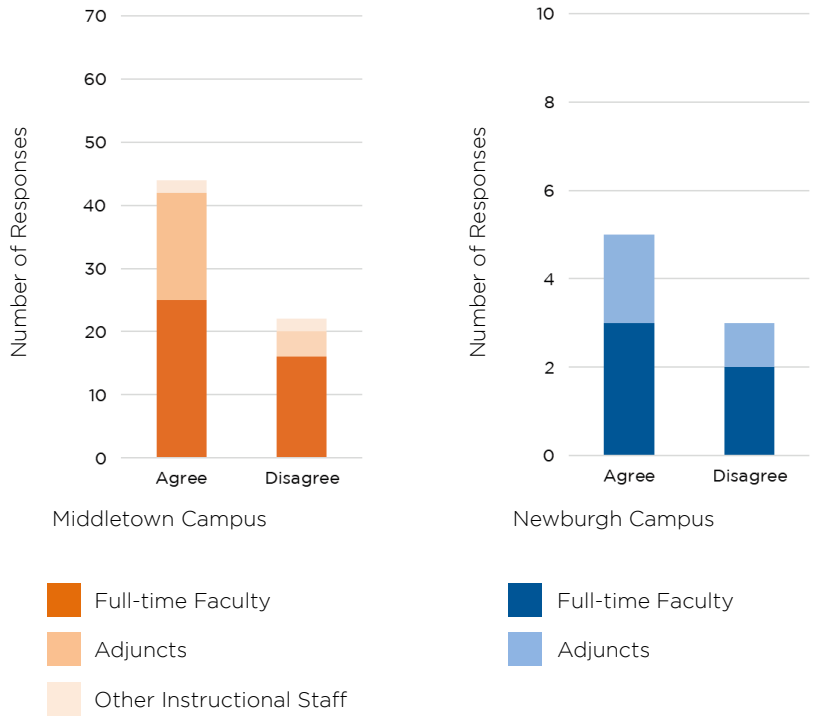
Middletown Campus

- *Classrooms and technology are outdated*
- *Climate control is inefficient*
- *Furniture is obsolete*
- *Wifi is not reliable*

Newburgh Campus

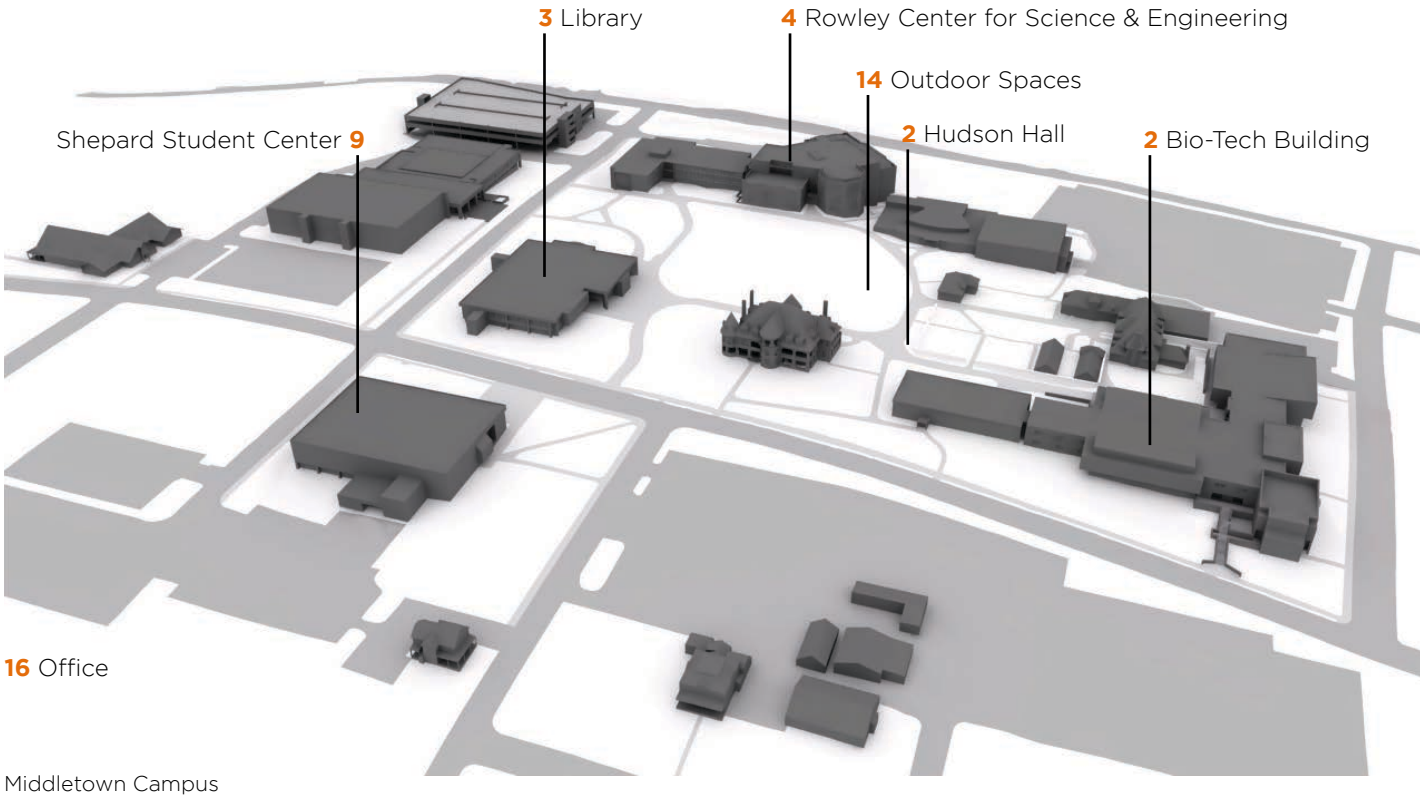
- *Furniture is obsolete*
- *Climate control is inefficient*
- *Wifi is not reliable*

There are places on campus where I enjoy spending time with colleagues and students.

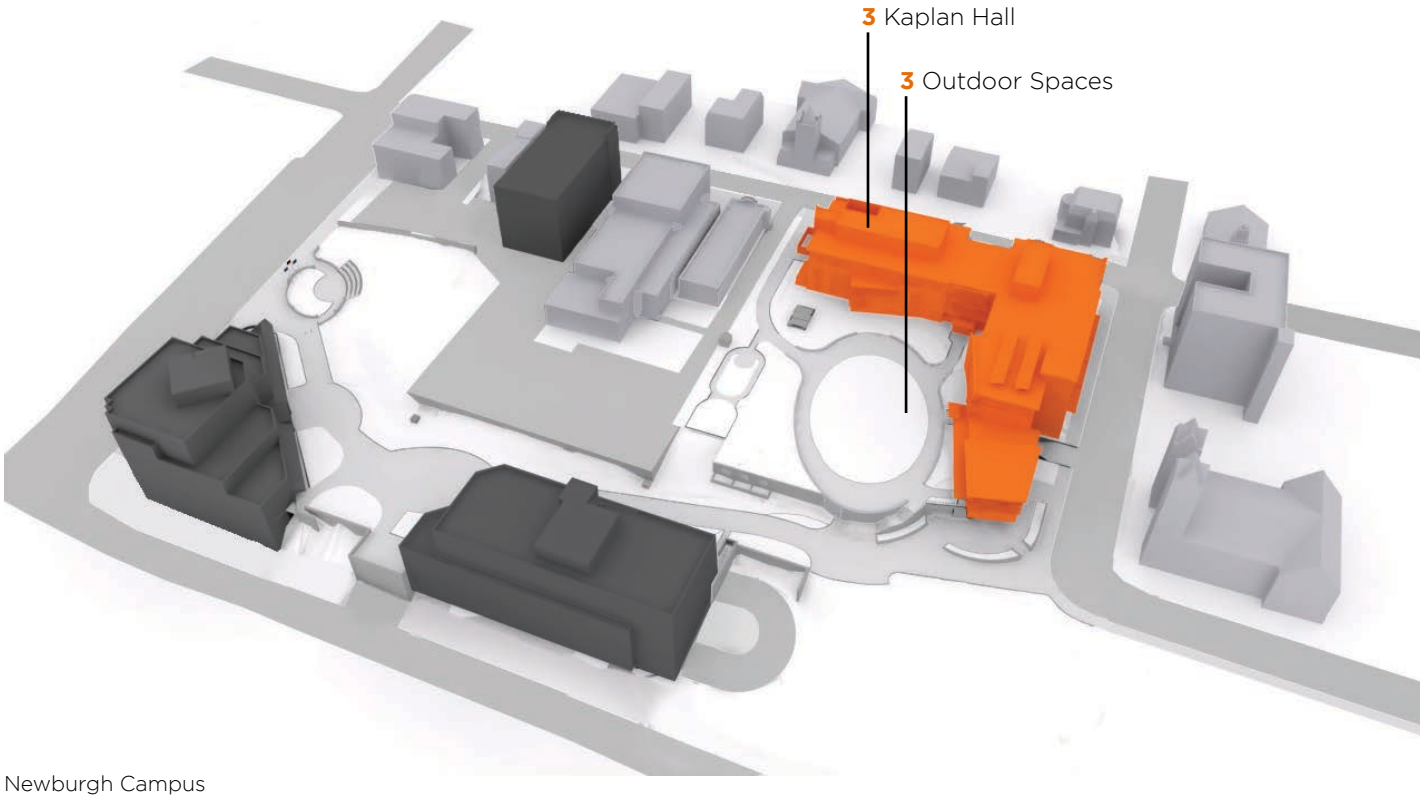


Outdoor Gathering Space

In what places do you enjoy spending time and why?

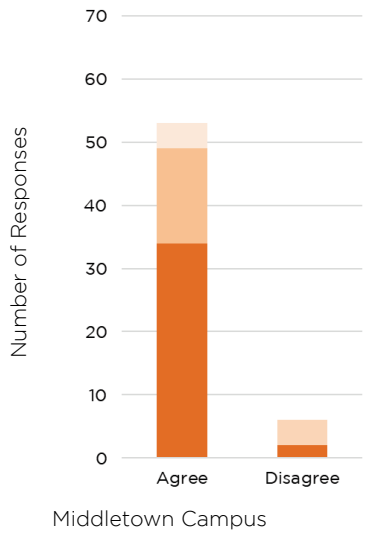


Middletown Campus

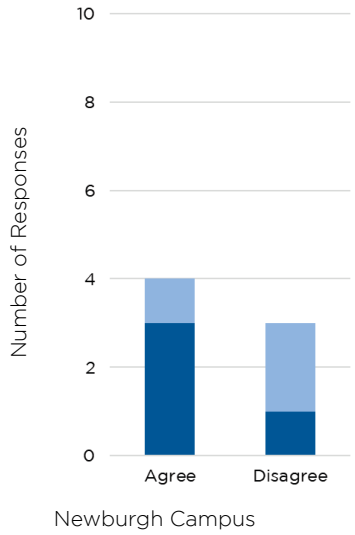


Newburgh Campus

My office is near enough to my department's offices and specialized spaces required for my discipline.



Middletown Campus



Newburgh Campus

Why not?

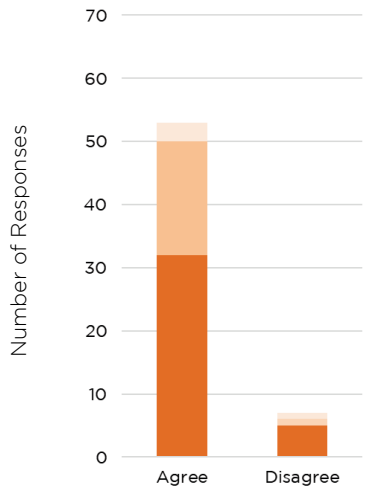
Middletown Campus

- *Co-locate English department offiices and classrooms.*

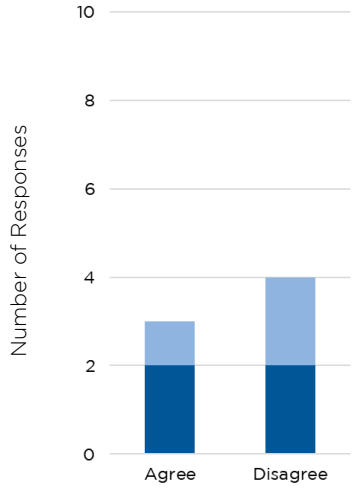
Newburgh Campus

- *All departments should have office space that is co-located.*

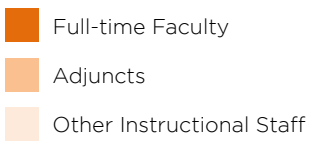
My campus has facilities where I can practice instructional technology and/or build professional skills.

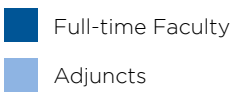


Middletown Campus

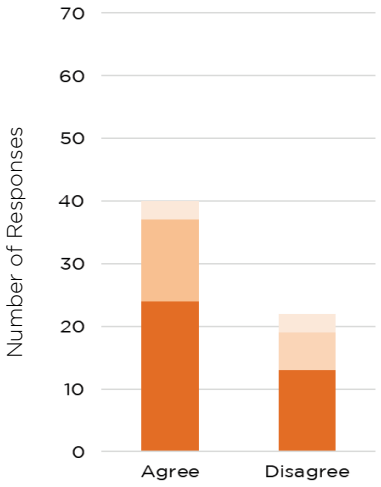


Newburgh Campus

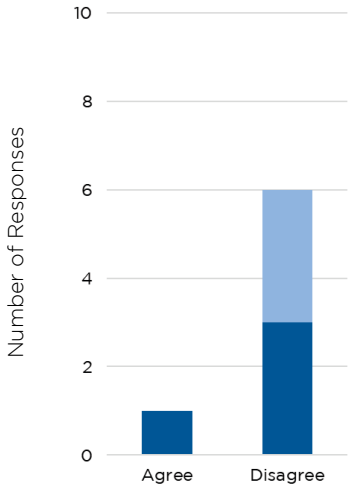




SUNY Orange offers the right academic programs in the right locations.



Middletown Campus



Newburgh Campus

Why not?

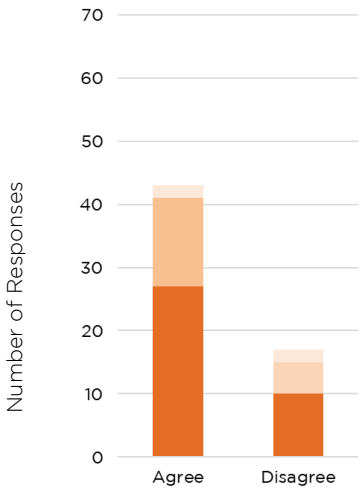
Middletown Campus

- *Develop new programs*
- *Increase enrollment*

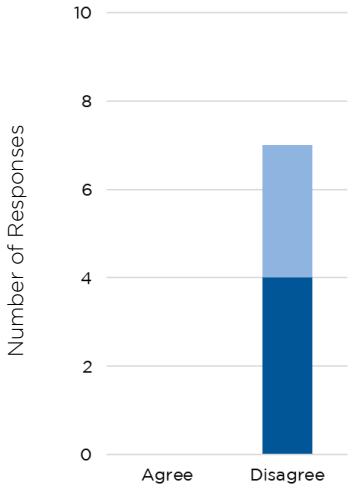
Newburgh Campus

- *More programs at Newburgh*
- *More attention on Newburgh Campus*
- *Provide more Activities at Newburgh*

I believe SUNY Orange's programmatic offerings address the needs of students and area employers.



Middletown Campus



Newburgh Campus

Full-time Faculty
Adjuncts
Other Instructional Staff

Full-time Faculty
Adjuncts

Why not?

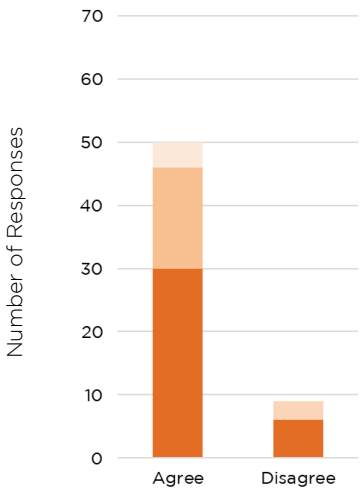
Middletown Campus

- *More direct workplace related microcredentials and trades courses*

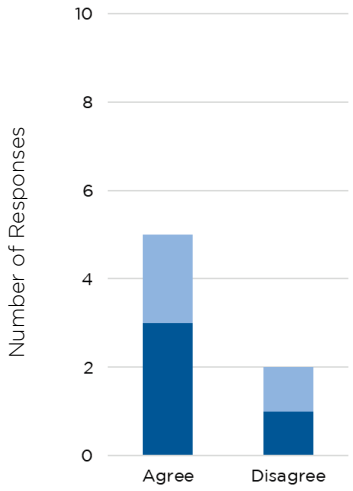
Newburgh Campus

- *More programs and trades courses*
- *More courses and programming at Newburgh*

My campus offers engaging extracurricular activities for students.

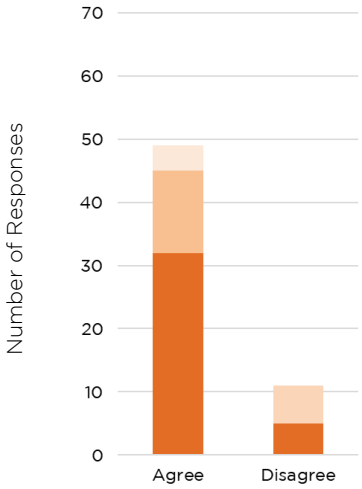


Middletown Campus

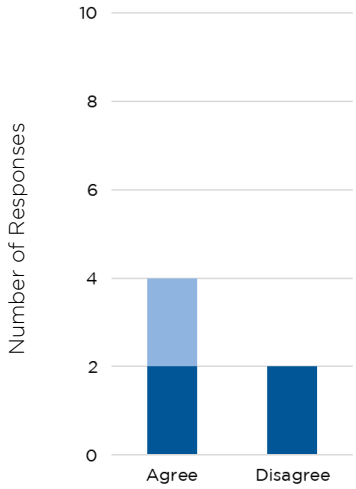


Newburgh Campus

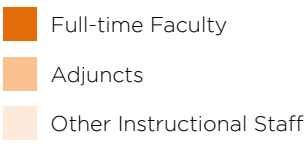
I attend cultural events, sporting events, or other engaging activities at my campus.

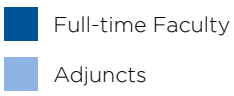


Middletown Campus



Newburgh Campus





Why not?

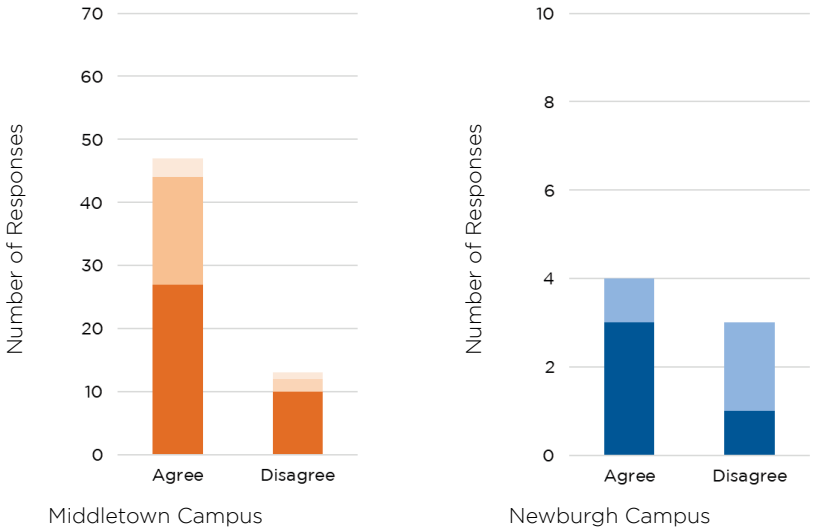
Middletown Campus

- *Not interested*
- *Do not have time.*

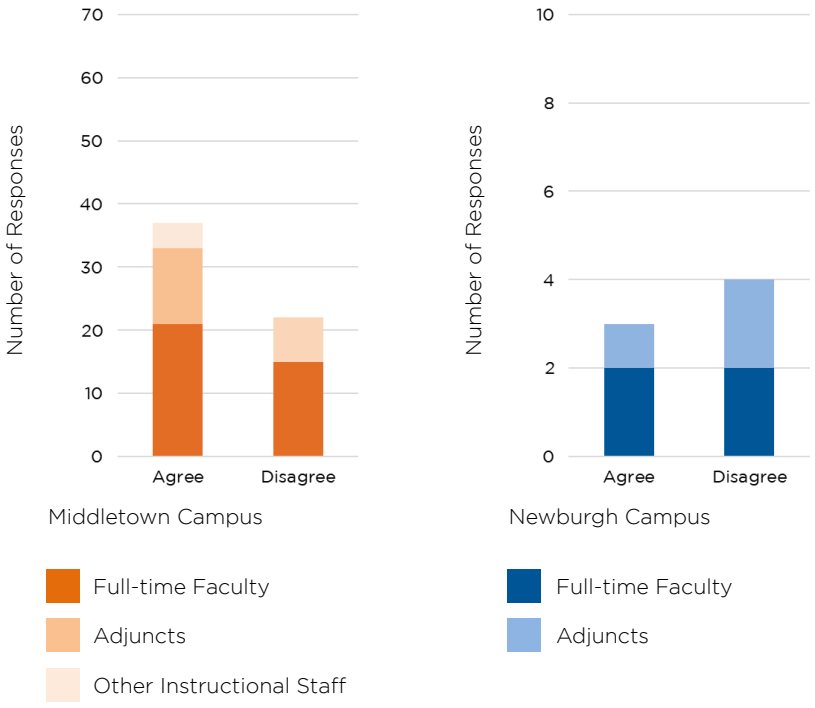
Newburgh Campus

- *Not interested*
- *Do not have time.*

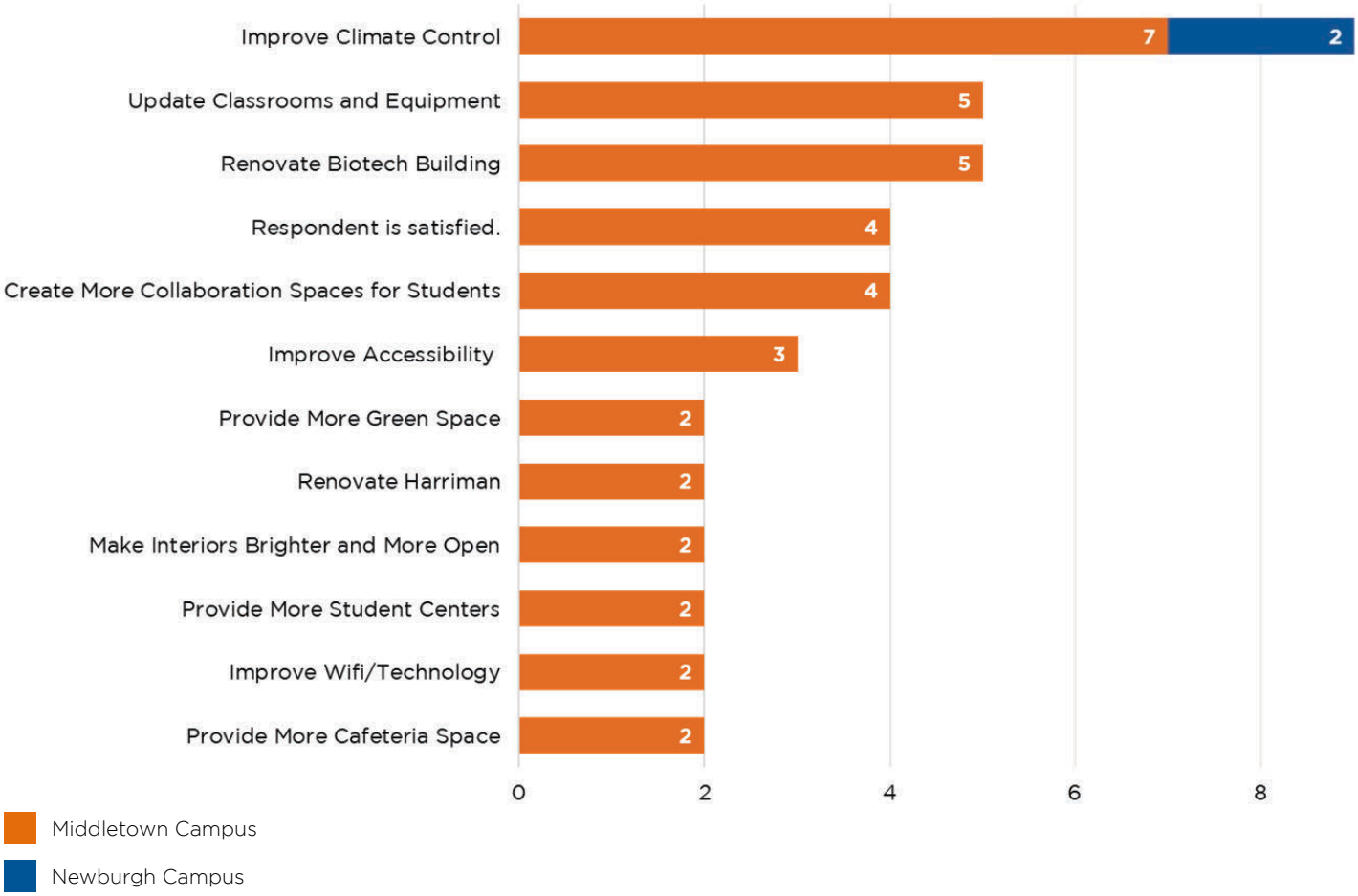
Students on my campus have good access to tutoring and academic support.



Students on my campus have good access to wrap-around student services, like assistance with food, housing, & transportation.



If SUNY Orange could only make one physical improvement to buildings or grounds, what would you suggest?



Additional Responses

Middletown Campus

- *Increase Enrollment*
- *Improve Climate Control*
- *Sustainable Infrastructure*
- *Renovate Buildings*

Newburgh Campus

- *"Better curb appeal."*

Programming Interviews

The planning team made a concerted effort to engage representatives from every campus community in the planning process. Meetings with administrators, faculty, and staff were critical to understand current and future space needs. Key representatives from the following groups were included in the interviews:

- Campus Leadership
- Business, Math, Science, and Technology
- Health Professions
- Liberal Arts
- Workforce Development (SUNY Orange+)
- Student Services
- Learning and Student Success
- Athletics
- Information Technology
- Safety and Security
- Facilities

Campus Leaders

The following priorities emerged from interviews with campus leadership. They reflect a shared vision for celebrating the rich history of the College, enhancing the student experience, and aligning facilities with the mission and values of SUNY Orange.

- Celebrate the 75th Anniversary of SUNY Orange
- Honor the history of the institution
- Restore Morrison Hall
- Dedicate Horton Hall to students
- Invest in existing facilities
- Highlight the healthcare programs
- Continue to serve a diverse student body
- Focus on workforce development
- Balance workforce education with credit programs
- Respond to emerging employer needs

Community Leaders

The planning team also met with the Director of *Orange County Economic Development* and representatives from the *Orange County Partnership* to discuss workforce trends and opportunities. The College is recognized for its ability to adapt quickly to evolving workforce needs. A common challenge identified is the "chicken-and-egg" scenario, in which workforce development must occur ahead of confirmed corporate investment. Emerging industries in the region include film, sustainable energy, and cannabis. There is a growing demand for training in general manufacturing skills such as Computer Numerical Control (CNC), engineering design, lean manufacturing certification, and STEM fundamentals. The Chester School is being explored by Orange County as a potential site for future workforce training.

Common Threads

Faculty reported that the College is exploring the addition of several new academic and workforce development programs including Dental Assistant, Physical Therapy Assistant Aide, Ultrasound Tech, and other health related programs. There is also an interest in creating new workforce development programs in Culinary Arts, Hospitality, and TV/Film Industry. These programs will require dedicated lab and clinical space, as well as additional faculty.

In support of both academic and student life programs, the College reported the following college-wide needs:

- Prioritize sound mitigation, occupant comfort, and access to natural light
- Update instructional space
- Provide additional student lounge space
- Create shared collaboration and meeting space
- Construct individual and group study rooms
- Provide faculty work rooms and break rooms
- Create additional outdoor seating areas
- Install wayfinding signage

Middletown Campus

The Middletown Campus serves as the historic and academic center of the College. As academic programs evolve and student needs change, campus buildings will need to be updated. During the interviews, faculty and staff identified priorities for the Middletown Campus, as well as each individual building. These priorities focus on modernizing instructional environments, expanding student support services, and addressing key infrastructure and site improvements.

- Update instructional space (technology, furnishings, and additional power)
- Consolidate English Department offices
- Provide a home for the Honors Program
- Create dedicated space for Pathways and the Youth Empowerment Program (YEP)
- Improve parking lot lighting

Bio-Tech Building

- Update and reconfigure the lecture halls
- Create dedicated lab and space for new academic programs (Dental Assistant, Central Sterile Processing Tech, Ultrasound Tech)
- Expand the Radiologic Technology Lab or move the program to the Newburgh Campus
- Expand the Nursing Computer Lab
- Create a Nursing SIM Suite with an adjacent skills lab
- Update and expand the Dental Hygiene Lab
- Provide a locker room for Dental Hygiene students
- Expand the Physical Therapist Assistant (PTA) and Occupational Therapist Assistant (OTA) Labs to include lecture space and additional storage
- Create a Computer Hardware and Software Lab
- Provide additional space for adjunct faculty
- Provide a shared laundry room
- Move student-facing Information Technology Offices to a more accessible location
- Expand support space for Information Technology (IT Help Desk, touchdown space, consultation room, work room, small warehouse)
- Move the server from the Rowley Center for Science and Engineering to the Bio-Tech Building

Orange Hall

- Right-size and update general classrooms
- Expand office and support space for Arts and Communications

Harriman Hall

- Update and reconfigure the lecture hall
- Right-size and update general classrooms
- Increase the capacity of computer labs
- Expand the Arts Studios, TV Studio, and associated support space or move the program to Orange Hall
- Update and enlarge the Math Lab
- Renovate faculty offices to improve privacy and confidentiality
- Renovate the first floor student lounge
- Provide a women's restroom on the third floor
- Improve climate control and update electrical systems in the building

Shepard Student Center

- Renovate Student Services Central to improve visibility and student access
- Construct a large presentation room (100-200 Seats) for Admissions, Student Activities, and other campus events
- Enlarge the testing room and enhance privacy for Accessibility Services
- Expand office and support space for CAPE and Academic Advising
- Create a space dedicated to E-Sports
- Provide additional meeting space
- Provide additional storage space for student clubs
- Create an outdoor gathering space adjacent to the first floor student lounge
- Repurpose the former kitchen space on the first floor

Library

- Provide additional study space with zones for quiet study and group collaboration
- Reduce the number of computer stations - most students are brining their own device to campus
- Provide a dedicated, climate-controlled archive room in a more visible and accessible location
- Move the AVP offices to Morrison Hall

Physical Education Building

- Update activity space and equipment
- Repurpose the underutilized racquetball courts
- Provide additional "branded" spaces
- Create space to recruit student athletes

Newburgh Campus

The Newburgh Campus plays a vital role in expanding access to workforce development programs in the region. During interviews, faculty and staff identified the need to enhance the exterior connection between Kaplan Hall and the Tower Building to create a more cohesive campus environment.

Kaplan Hall

- Right-size the Student Services Center based on current enrollment
- Provide space for the Center for Teaching and Learning in the Learning Center
- Provide additional office and support space for Information Technology

Tower Building

- Expand space dedicated to current and future workforce development programs
- Create dedicated space for Liberty Partnerships, Pathways in Technology (P-TECH), and the Youth Empowerment Program (YEP)
- Relocate office and support space for TRiO and Educational Opportunities

Program Synergies

Once the space needs for each current and future program were determined, the planning team explored potential synergies between programs and opportunities to share specialized space. This analysis showed how existing space could support new programs and how new space could be shared to maximize the investment in specialized features and equipment.

The diagram on the following page illustrates how specialized space could be shared by the Health Profession and SUNY Orange+ Programs. Potential future programs and their associated space are highlighted with a red dashed line. Since most Health Professions Programs require access to an Anatomy and Physiology Lab, those labs are shown at the top of the diagram. In order to grow the health professions, it is essential to ensure that adequate lab space is provided on both campuses.

Some proposed programs, such as EKG Tech and Physical Therapy Assistant Aide, can utilize specialized space that already exists on campus. These programs will, therefore, require a smaller initial investment. Other programs, such as Emergency Medical Technician and Paramedic, will require the construction of specialized space, but that space could be shared between multiple programs. Similarly, the proposed SUNY Orange+ Healthcare Lab could potentially satisfy the needs of five programs (Certified Clinical Medical Assistant, Certified Pharmacy Technician, Environmental Health and Safety, Dietician Assistant, and Hospitality).

The diagram on page 120 shows potential synergies between the Business, Math, Science, and Technology, Liberal Arts, and SUNY Orange+ Programs. It highlights the shared use of computer labs that are essential for these programs. The proposed TV and Film Industry Program exemplifies this integrated approach with opportunities to utilize the existing TV Studio, Sound Studio, Media Lab, and FoodTEC Lab.

These potential synergies support efficient space planning and reinforce the value of adaptable, flexible, shared spaces. By maximizing existing resources and encouraging interdisciplinary collaboration, the College will be well-positioned to meet the needs of current and future programs.

Specialized Space
In Addition to General Classrooms

Anatomy & Physiology Lab (M) (N)

Dental Hygiene

Dental Lab (M)
Dental Clinic
Locker Room

Dental Assistant

Sterile Processing Lab

Certified Dental Assistant

Central Sterile Processing Tech

Medical Laboratory Technican

Clinical Science Lab (M)

Computer Lab (M) (N)

Nursing

Nursing Lab

SIM Lab

Certified Nurse Assistant

Patient Care Technician

EKG Tech

Radiologic Technology

X-Ray Lab (M)

Occupational Therapy Assistant

OTA Lab (M)

Home Health Aide

Bridges

Physical Therapy Assistant

PTA Lab (M)

Physical Therapy Assistant Aide

Exercise Science

PE Lab (M)

Ultrasound Tech

Ultrasound Lab

Public Health

Primarily On-Line

Specialized Space
In Addition to General Classrooms

FoodTEC Lab (N)

Emergency Medical Technician (EMT-B)

Paramedic

EMT Lab w/Ambulance

Certified Clinical Medical Assistant

Certified Pharmacy Technician

Healthcare Lab
Clean Room
Pharmacy Counter

Culinary Arts

Environmental Health & Safety Program

Dietician Assistant

Hospitality Industry

TV & Film Industry

Certified Medical Billing and Coding

Certified Risk Adjustment Coder

Primarily On-Line

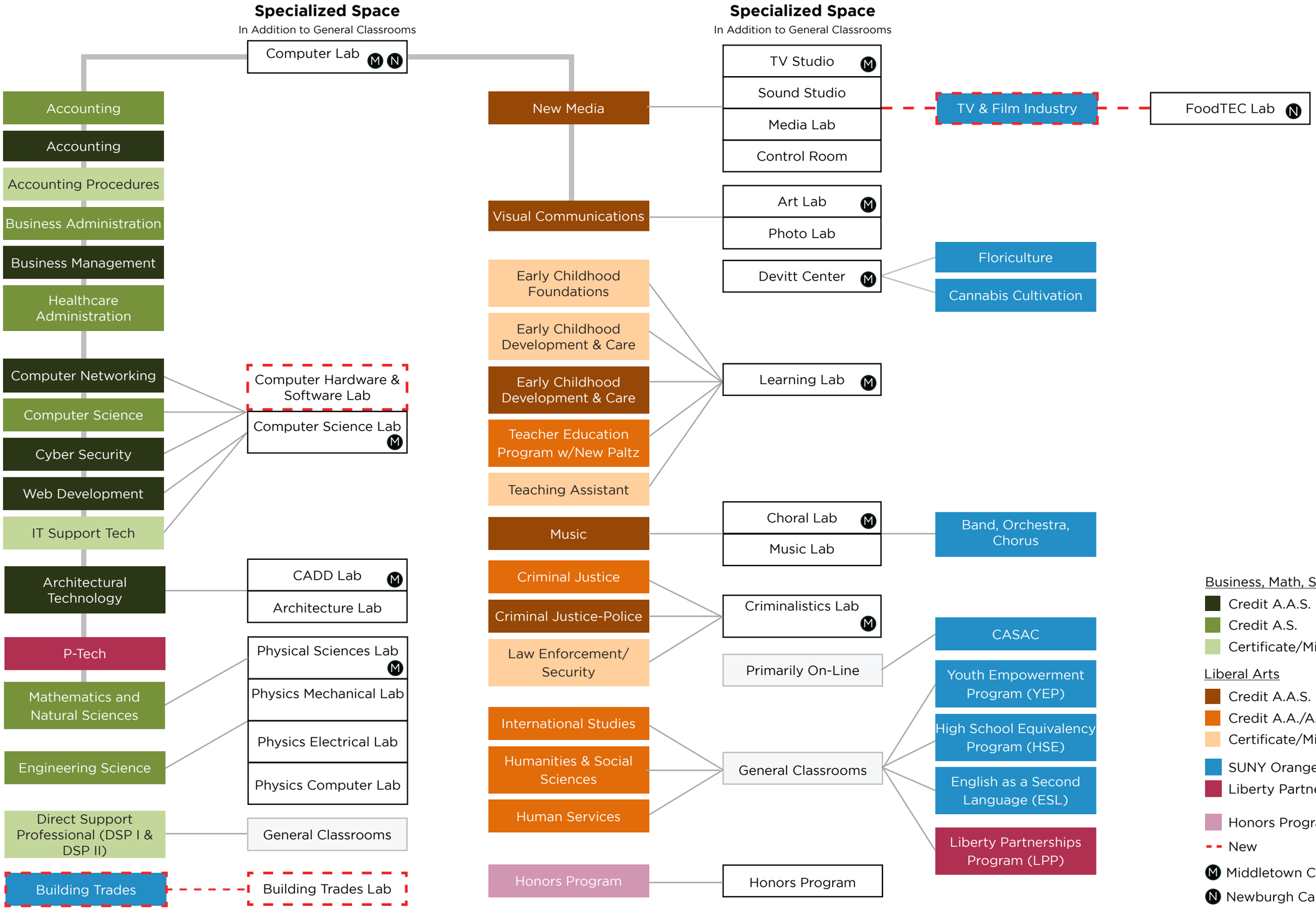
Certified Medical Admin Assistant

General Classrooms

Hospitality & Tourism

Health Professions

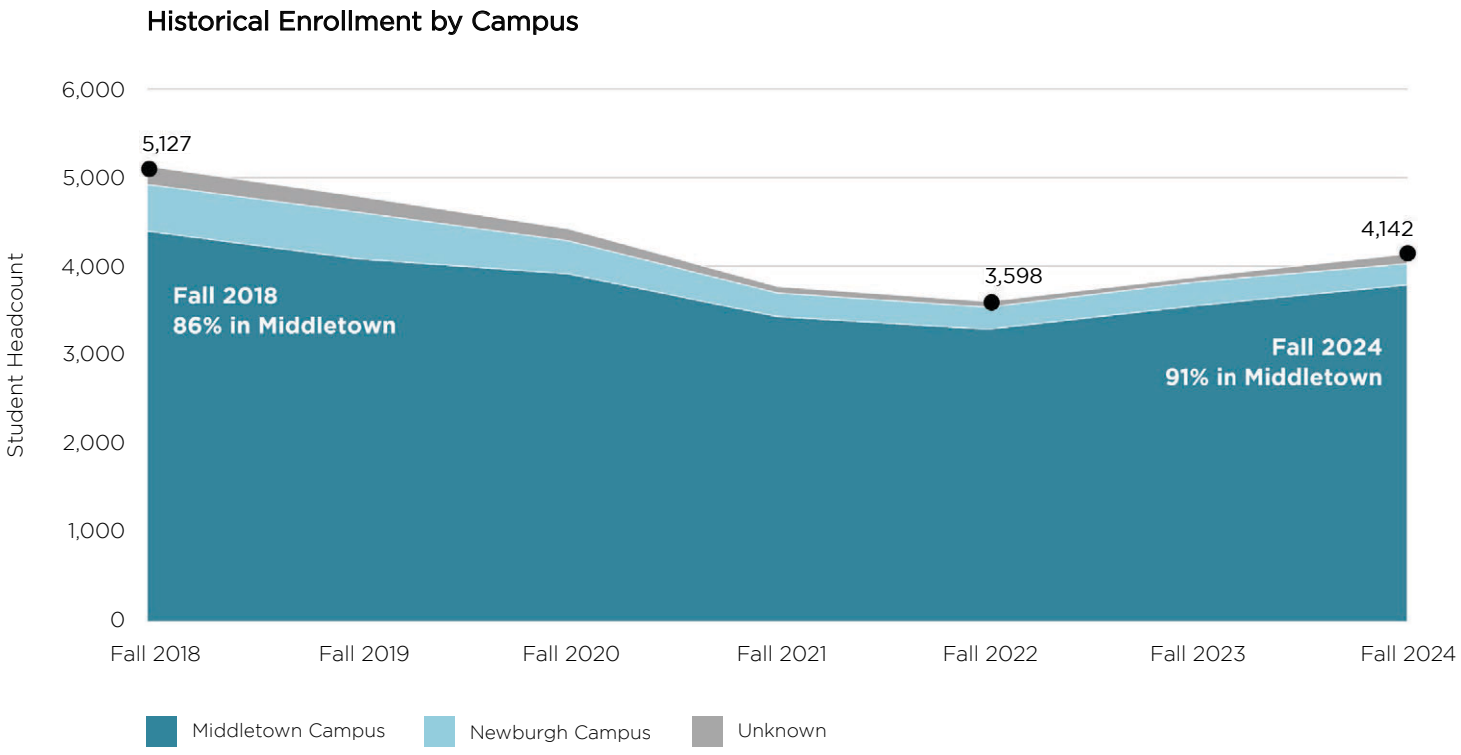
- Credit A.A.S.
- Credit A.S.
- Certificate/Microcredential
- SUNY Orange Plus
- Potential Future Programs
- (M) Middletown Campus
- (N) Newburgh Campus


Specialized Space
In Addition to General Classrooms
Computer Lab M N
Accounting
Accounting
Accounting Procedures
Business Administration
Business Management
Healthcare Administration
Computer Networking
Computer Science
Cyber Security
Web Development
IT Support Tech
Computer Hardware & Software Lab
Computer Science Lab M
Architectural Technology
CADD Lab M
Architecture Lab
P-Tech
Mathematics and Natural Sciences
Physical Sciences Lab M
Physics Mechanical Lab
Physics Electrical Lab
Physics Computer Lab
Engineering Science
Direct Support Professional (DSP I & DSP II)
General Classrooms
Building Trades
Building Trades Lab
Specialized Space
In Addition to General Classrooms
New Media
TV Studio M
Sound Studio
Media Lab
Control Room
TV & Film Industry
FoodTEC Lab N
Visual Communications
Art Lab M
Photo Lab
Devitt Center M
Floriculture
Cannabis Cultivation
Early Childhood Foundations
Early Childhood Development & Care
Early Childhood Development & Care
Teacher Education Program w/New Paltz
Teaching Assistant
Learning Lab M
Music
Choral Lab M
Music Lab
Band, Orchestra, Chorus
Criminal Justice
Criminal Justice-Police
Law Enforcement/ Security
Criminalistics Lab M
Primarily On-Line
CASAC
Youth Empowerment Program (YEP)
High School Equivalency Program (HSE)
English as a Second Language (ESL)
Liberty Partnerships Program (LPP)
International Studies
Humanities & Social Sciences
Human Services
General Classrooms
Honors Program
Honors Program
Business, Math, Science & Technology
Credit A.A.S.
Credit A.S.
Certificate/Microcredential
Liberal Arts
Credit A.A.S.
Credit A.A./A.S.
Certificate/Microcredential
SUNY Orange Plus
Liberty Partnerships Program (LPP) & P-Tech
Honors Program
New
M Middletown Campus
N Newburgh Campus

Historical and Projected Enrollment

Introduction

Historical enrollment trends by campus and academic discipline inform future space needs. As shown in the graphs below, enrollment declined from 5,127 students in Fall 2018 to 3,598 students in Fall 2022 due, in part, the COVID-19 pandemic. By Fall 2024, enrollment had rebounded to 4,142 students indicating a positive trend toward recovery. Programs with the most significant growth or retraction are listed on the facing page. On the Middletown Campus, the Associate of Science (A.S.) in Math and Science experienced the largest growth followed by the Associate of Applied Science (A.A.S.) in Business Management and the Certificate (CERT) in Direct Support Professional. In contrast, the Associate of Arts (A.A.) in Early Childhood and Childhood Education saw the most retraction, with a decrease of 21 students from Fall 2022 to Fall 2024. At the Newburgh Campus, the A.S. in Business Administration grew by 26 students, while the A.A. in Humanities and Social Sciences declined by 25.



Middletown Campus

Programs with the Most Growth Since Fall 2022

- A.S. Math and Science (+277)
- A.A.S. Business Management (+37)
- CERT Direct Support Professional (+37)
- A.A.S. Cyber Security (+31)
- A.A. Humanities and Social Sciences (+27)
- A.A.S. Accounting (+25)
- A.A. Adolescence Education Social Studies (+25)
- A.S. Criminal Justice (+20)
- A.S. Exercise Science (+20)

Middletown Campus

Programs with the Most Retraction Since Fall 2022

- A.A. Early Childhood and Childhood Education (-21)
- A.A.S. Early Medical Office Assistant (-12)
- A.A.S. Music (-12)

Newburgh Campus

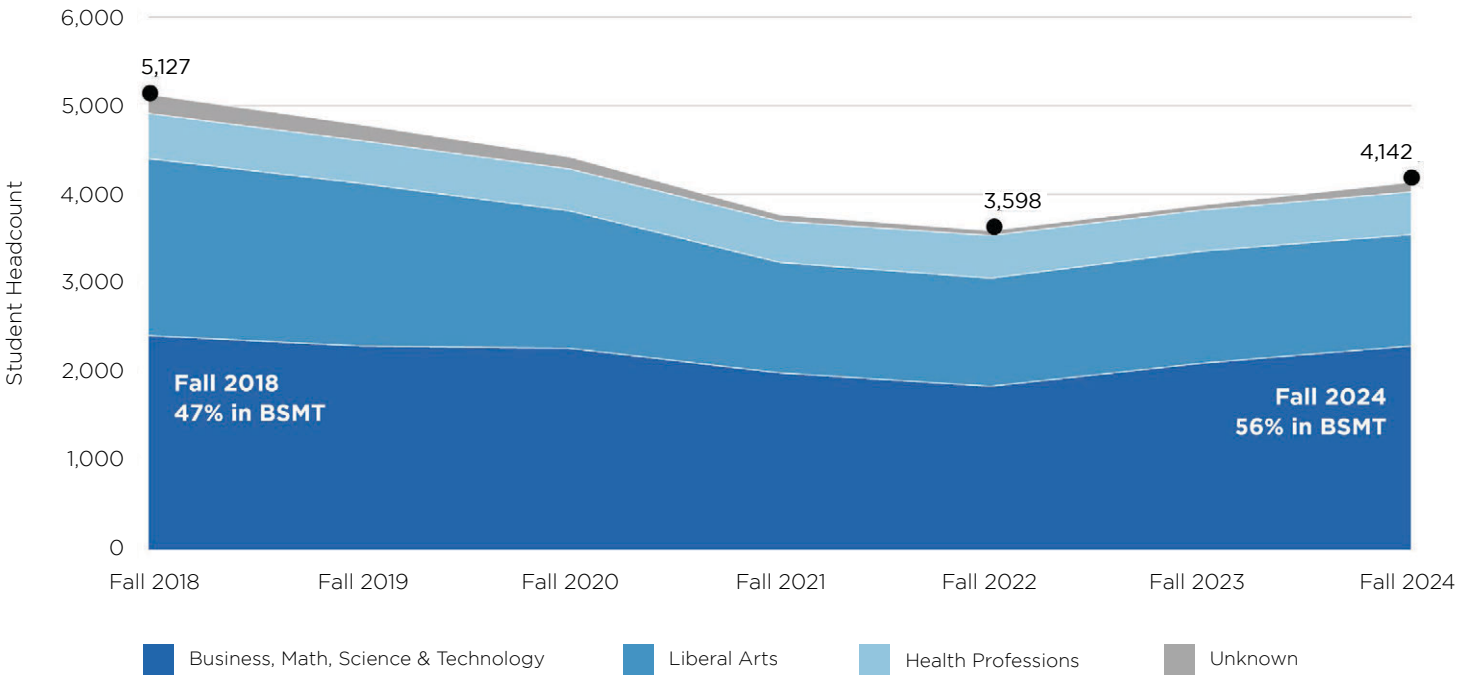
Programs with the Most Growth Since Fall 2022

- A.S. Business Administration (+26)

Programs with the Most Retraction Since Fall 2022

- A.A. Humanities and Social Sciences (-25)

Historical Enrollment by Academic Discipline

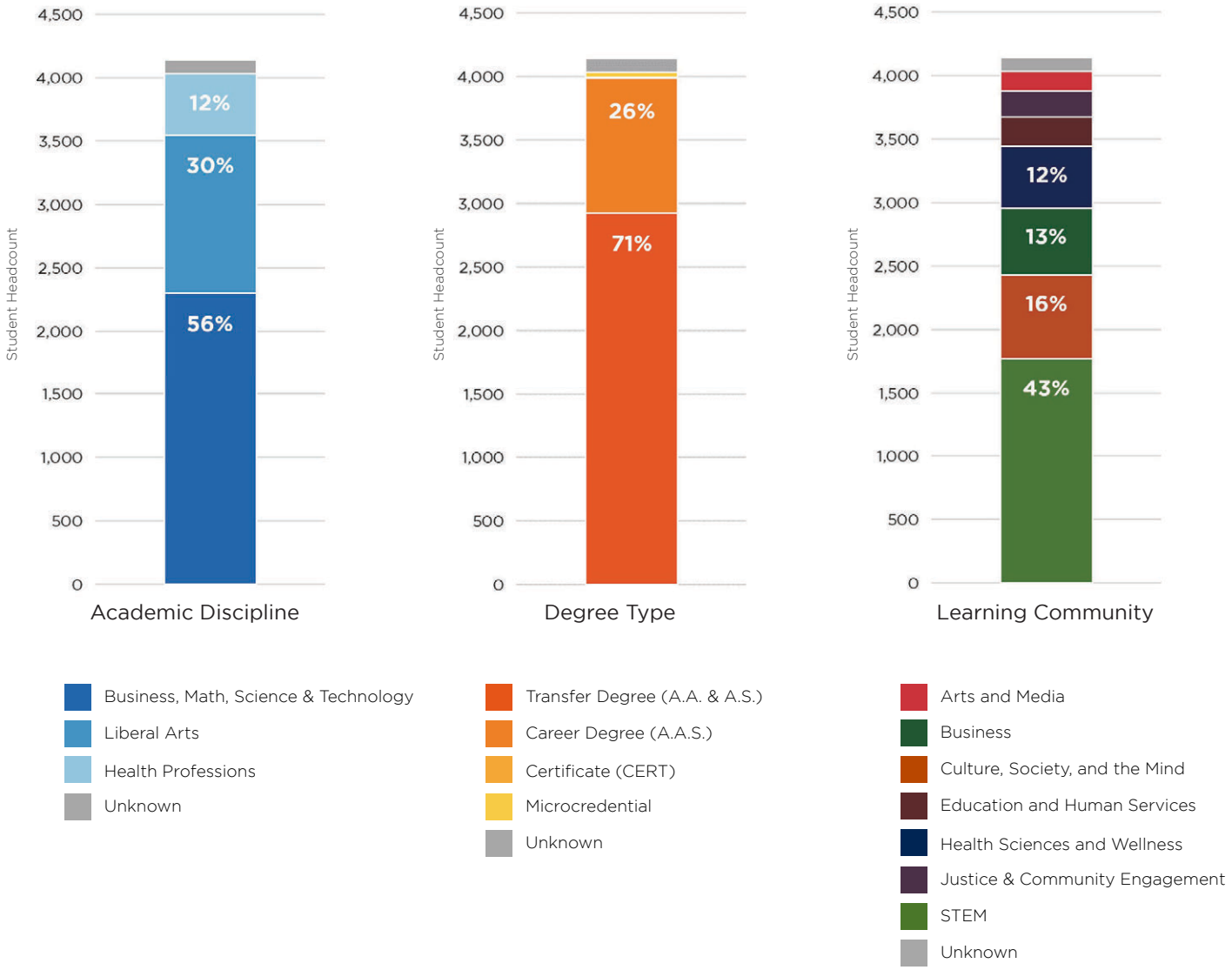


Fall 2024 Enrollment

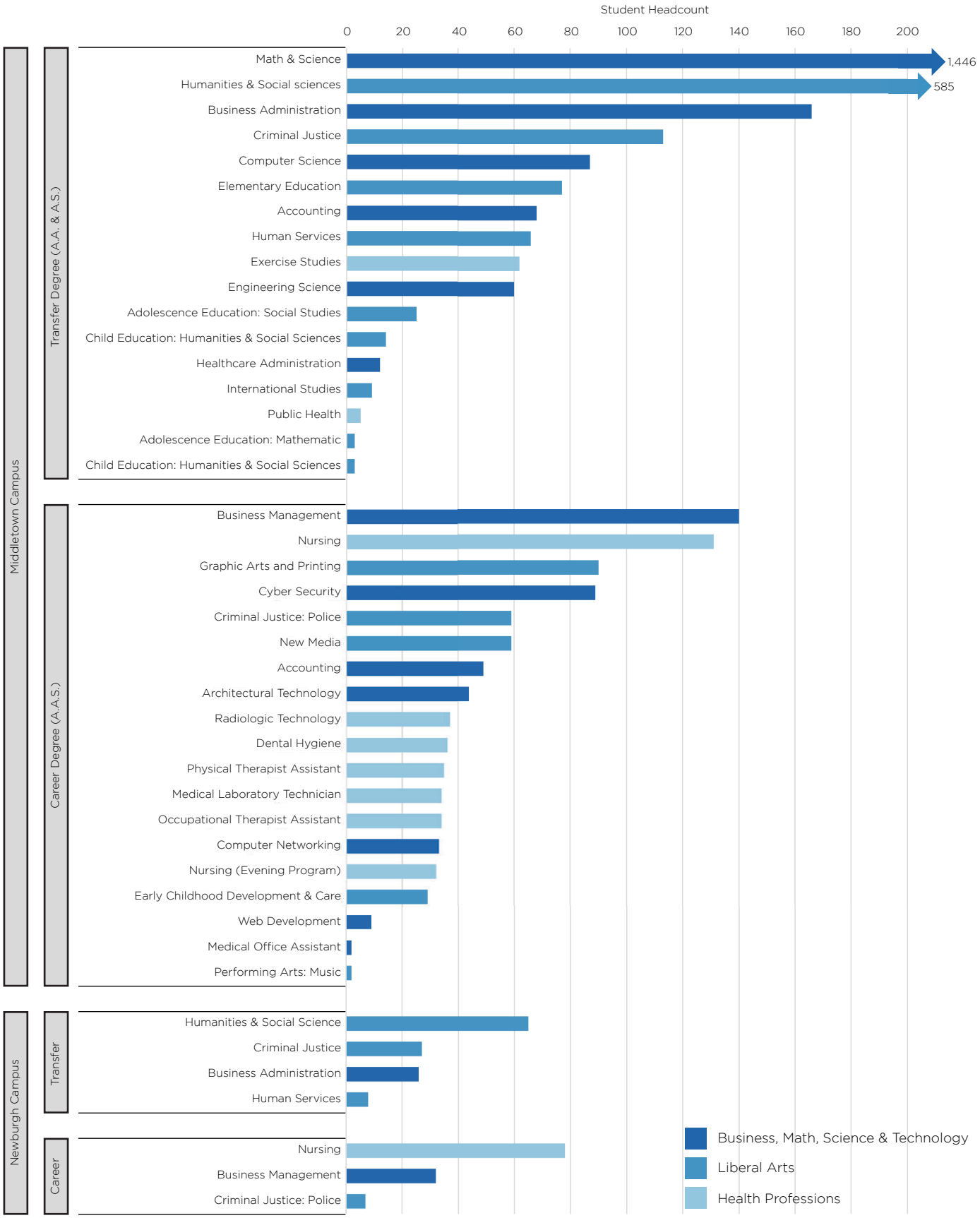
The charts below show Fall 2024 student headcount by academic discipline, degree type, and learning community. Among the academic disciplines, Business, Math, Science, and Technology accounts for the largest share of student enrollment (56 percent) followed by the Liberal Arts (30 percent). Most students at the College (71 percent) are enrolled in transfer degree programs. There are currently very few students enrolled in certificate and microcredential programs. Within the learning communities recently established by the College, STEM Programs enroll the most students (43 percent).

As shown on the following page, transfer degree programs in Math and Science enrolled more students than the next five programs combined, These patterns highlight the continued importance of transfer degree programs in STEM related fields, as well as opportunities to grow career and certificate programs in Health Professions.

Fall 2024 Enrollment by Academic Discipline, Degree Type, and Learning Community



Fall 2024 Enrollment by Academic Discipline



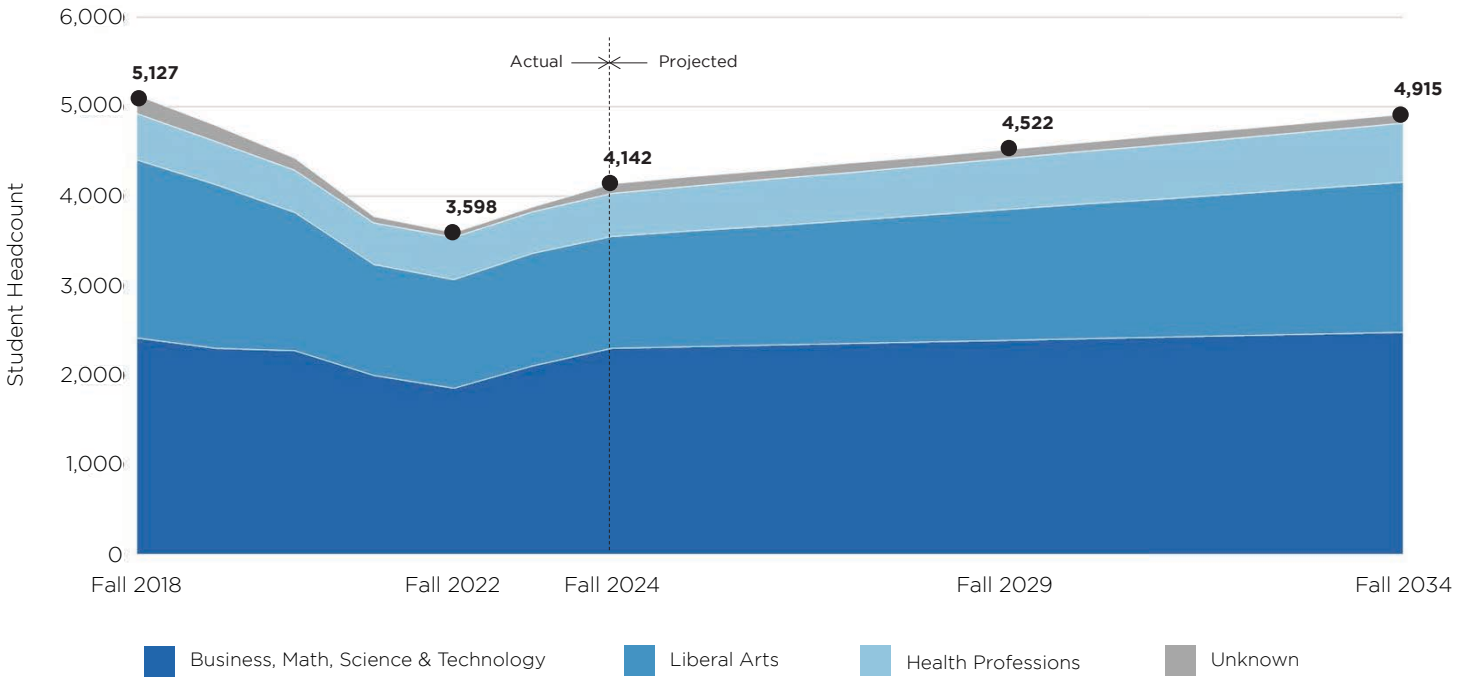
Projected Enrollment

The planning team worked with the Steering Committee to develop enrollment projections that will inform the master plan recommendations. As shown below, enrollment is projected to steadily grow over the next decade from 4,142 students in Fall 2024 to 4,915 students in Fall 2034. The most significant growth is anticipated in the Health Professions driven by regional workforce demand and expanding academic offerings.

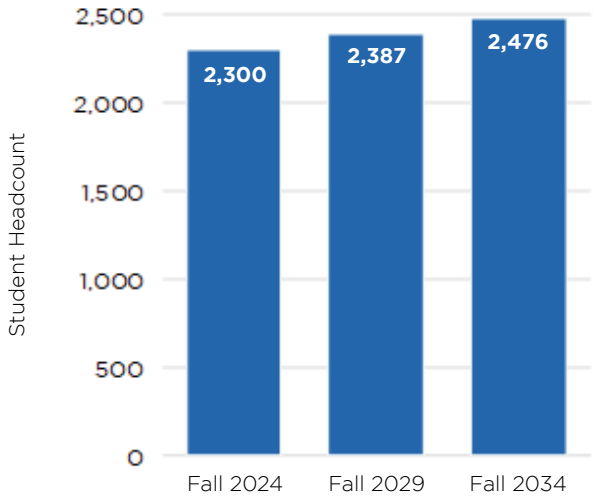
The graphs on the following page show projected enrollment for each academic discipline and the programs that will contribute most to that growth. Enrollment in Business, Math, Science, and Technology Programs is projected to reach 2,476 students by Fall 2034. The Business Administration and Computer Science Programs are projected to see the largest gains.

Liberal Arts is projected to grow by 433 students bringing the total enrollment to 1,681 students in Fall 2034. Major contributors to this growth include Education and Criminal Justice Programs. Enrollment in the Health Professions is projected to grow to 657 students by Fall 2034. The primary programs driving this growth include Dental Hygiene, Medical Laboratory Technician, and Physical Therapist Assistant.

Projected Enrollment by Academic Discipline



Business, Math, Science, and Technology

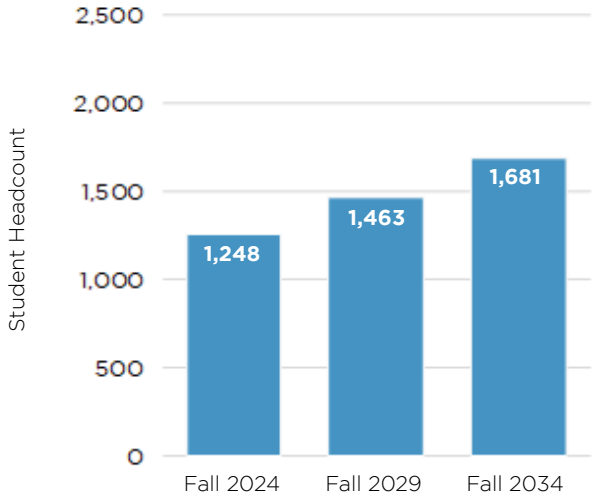


Projected Growth: 176 Students

Major Contributors of Enrollment Growth

- A.S. Business Administration
- A.S. Computer Science
- A.S. Engineering Science
- A.S. Math and Science
- A.A.S. Business Management
- A.A.S. Cyber Security
- A.A.S. Web Development

Liberal Arts

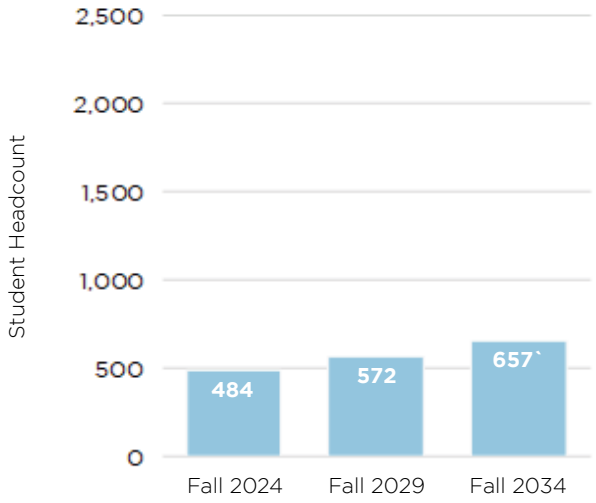


Projected Growth: 433 Students

Major Contributors of Enrollment Growth

- A.A. Humanities and Social Sciences
- A.A./B.S. Early Childhood & Childhood Education
- A.S. Criminal Justice
- A.S. Human Services
- A.A.S. Criminal Justice: Police
- A.A.S. Music (Reactivate)
- A.A.S. New Media

Health Professions



Projected Growth: 173 Students

Major Contributors of Enrollment Growth

- A.A.S. Dental Hygiene
- A.A.S. Medical Laboratory Technician
- A.A.S. Physical Therapist Assistant
- A.A.S. Radiologic Technology
- A.A.S. Ultrasound (New)
- CERT Dental Assisting (New)
- MICRO Physical Therapist Assistant Aide (New)

Recommendations

Introduction

The final recommendations were informed by the existing conditions assessment, space allocation and utilization studies, programming interviews, and campus community surveys. The planning team developed three concepts for the Middletown Campus and two for the Newburgh Campus. The Steering Committee selected "Option 3: Learning Neighborhoods" for Middletown and "Option 1: Minimal Moves" for Newburgh. The selected options were further developed based on additional feedback from the Steering Committee.

Master Plan Guiding Principles

The planning team worked with the Steering Committee to develop guiding principles that aligned with the emerging strategic plan and provided direction for the master plan recommendations.

1. Students First

SUNY Orange is dedicated to creating a campus environment that is safe, supportive, an designed to foster student success at every level.

2. Enhance Equitable Access and Belonging

- Ensure all students have equitable access to campus resources.
- Provide clear guidance on available services and their location.
- Foster an inclusive environment where every student feels a sense of belonging.

3. Build Community, Engagement, and Connectivity

- Create a welcoming atmosphere that supports diversity and inclusion.
- Strengthen ties with community organizations to expand opportunities.
- Encourage collaboration among faculty, staff, and students to build a strong campus community.

4. Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity

- Upgrade the learning environment to support innovative teaching and learning.
- Invest in programs, services, and flexible learning environments.
- Address deferred maintenance to create a sustainable and resilient campus.
- Maximize the use of facilities to support academic initiatives and SUNY Orange+ Programs.

5. Reimagine the Newburgh Campus

Transform the Newburgh Campus into a dynamic hub for health professions, workforce, and degree pathways.

All master plan recommendations advance one or more of these strategic priorities. Proposed site improvements create a sense of belonging and provide opportunities for collaboration and engagement. Building renovations create dynamic learning environments that prioritize students, build community, and optimize space for current and future programs.

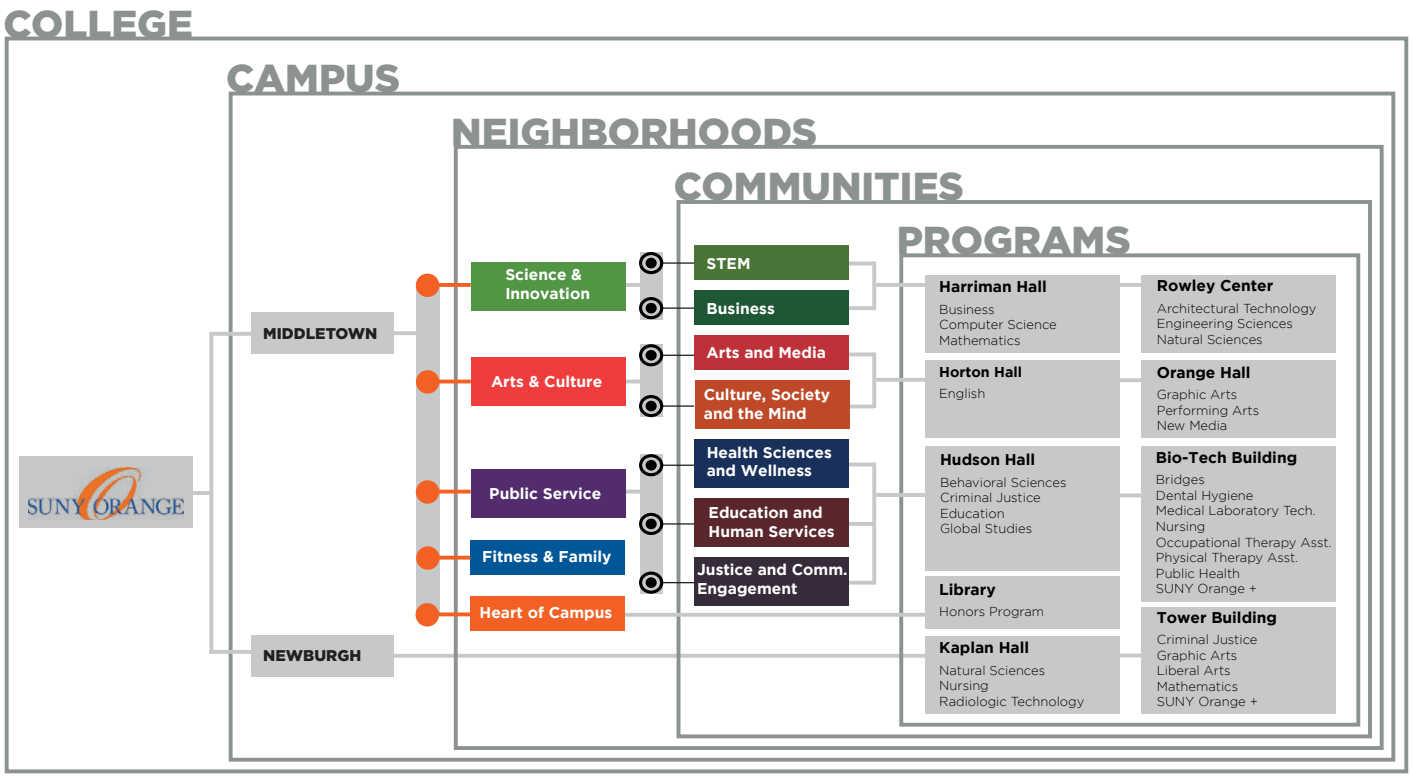
Master Plan Framework

The master plan framework supports the mission of SUNY Orange at multiple levels, beginning with the ***College*** and it's commitment to student success and lifelong learning. From the College, pathways were established at each ***Campus*** to help students achieve their academic and personal goals.

On the Middletown Campus, five ***Neighborhoods*** were created to improve wayfinding, connectivity, and identity. Primary building entrances in each neighborhood serve as gateways and create both visual and physical connections back to Alumni Green, the symbolic heart of the campus.

Within the neighborhoods are seven ***Communities***, each anchored by an informal learning space that acts as a front door and point of entry for the academic and student life programs within the community. These front doors give each ***Program*** a distinct identity and create strong sense of belonging within the larger campus network.

Master plan recommendations are based on this framework and focus on strengthening arrival points, updating space for current and future programs, enhancing wayfinding, and integrating informal learning spaces into the campus fabric.



Master Plan Framework

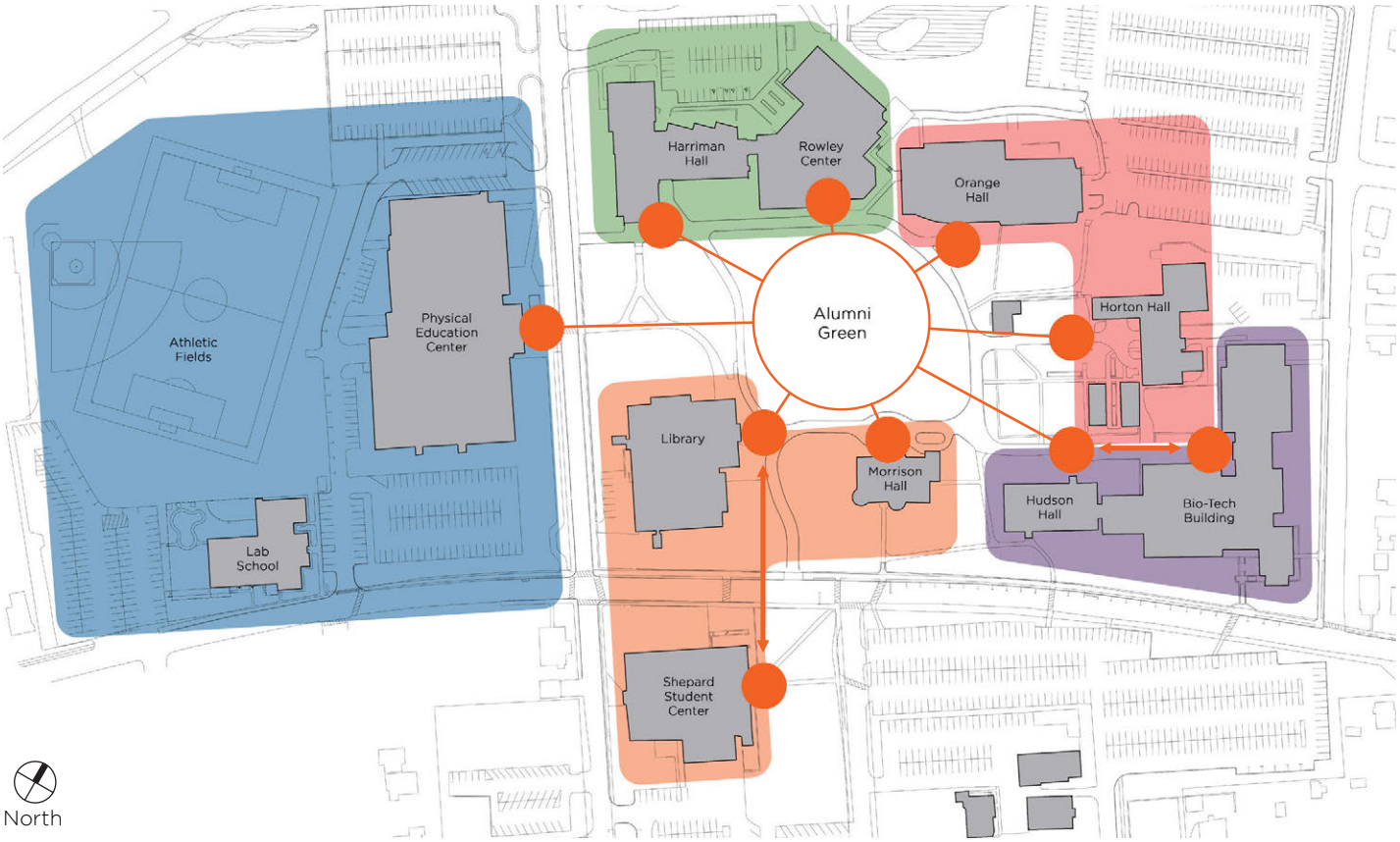
Middletown Campus Neighborhoods

The site plan below shows the five distinct neighborhoods that serve as organizing elements on the Middletown Campus. Each neighborhood provides an identity for buildings and programs that have a similar focus. The proposed neighborhoods will improve wayfinding, foster connections, and create a stronger sense of belonging among faculty, staff, and students.

Three of the neighborhoods highlight the academic programs housed in the Bio-Tech Building, Hudson Hall, Orange Hall, Harriman Hall, and the Rowley Center for Science and Engineering. As part of the master plan recommendations, Horton Hall will be fully renovated for the English Department.

The Heart of Campus Neighborhood includes the historic home of SUNY Orange (Morrison Hall), the seat of knowledge (Library), and the campus living room (Shepard Student Center). The Fitness and Family Neighborhood is focused on supporting the mind, body, and spirit of SUNY Orange students and their families.

Gateways at primary building entrances serve as key points of arrival and orientation. They provide an opportunity to create a consistent look across campus and an identity for each neighborhood. Well-defined gateways currently exist at the Library, Rowley Center, Morrison Hall, and Orange Hall. The master plan recommendations include the creation of gateways at the other campus buildings.



Heart of Campus

Fitness and Family

Science and Innovation

Arts and Culture

Public Service

Middletown Campus Neighborhoods

Implementation Plan

The implementation plan on the following page was developed by the planning team to align capital investments with institutional priorities and project budgets. Renovation and new construction projects were phased over a ten year period to minimize the amount of swing space required and avoid stranding investment. Facilities maintenance projects and long-range projects that occur outside the master plan timeline were also included.

The timeline begins with the Kaplan Hall Renovations and includes all priority projects identified by the planning team. Project timelines include the design, bid/award, and construction periods, as well as the time needed for project fit out. Enabling projects and swing space requirements are also included in the timeline.

Few institutions complete all projects identified as part of a comprehensive plan within the anticipated timeline. The implementation plan should, therefore, be periodically reviewed an adjusted to reflect the evolving needs of the institution.

Master Plan Recommendations

The master plan projects in this section are organized by building. Each project description includes a proposed scope of work, list of enabling projects, swing space needs, anticipated project timeline, estimates of probable cost, and diagrammatic floor plans. Some projects have been phased so that priority projects can be completed earlier in the master plan timeline. If funding allows, these projects could be completed in a single phase.

Scope of Work

Master plan projects focus on renovating space to support current and future programs, improve building performance, and address long-standing maintenance needs. As part of the work, building envelopes will be updated to improve energy efficiency, occupant comfort, and building longevity.

Interior renovations will include replacing finishes, installing new building systems, upgrading lighting, and updating technology in classrooms and class labs. Common areas, collaboration spaces, and study rooms will be enhanced with common finishes, lighting, and furnishings to strengthen connections between neighborhoods.

Facilities Maintenance Projects

Facilities maintenance projects were identified as part of the existing conditions assessment. These projects are recommended to improve building conditions, maintain existing infrastructure, and bring the campus into compliance with current building code and accessibility requirements. Many of these projects have been combined with master plan recommendations to create larger comprehensive capital projects. The remaining facilities maintenance projects are listed at the end of this section and will be completed as individual projects. An allowance of $4 million per year has been included for these projects.

Enabling Projects

Enabling projects were identified for some master plan recommendations. In order to minimize the amount of swing space and number of departmental moves, these projects should be completed prior to the work associated with the proposed recommendation. The implementation plan on the following page identifies several enabling projects that align with the proposed phasing of the Bio-Tech Building and Harriman Hall.

Swing Space

In order to transform existing space, it may be necessary to temporarily relocate building occupants during the renovations. Space used to facilitate renovation and construction projects is commonly referred to as “swing space.” Every effort has been made to phase projects so that occupants only move once (from their current space to their proposed space). Several projects, however, will require the use of swing space.

The master plan recommends utilizing space on the lower level of the Bio-Tech Building and upper floors of the Tower Building as swing space to enable renovations to those buildings. Swing space will also be required for the renovations to Harriman Hall, Orange Hall, Horton Hall, and the Physical Education Building.

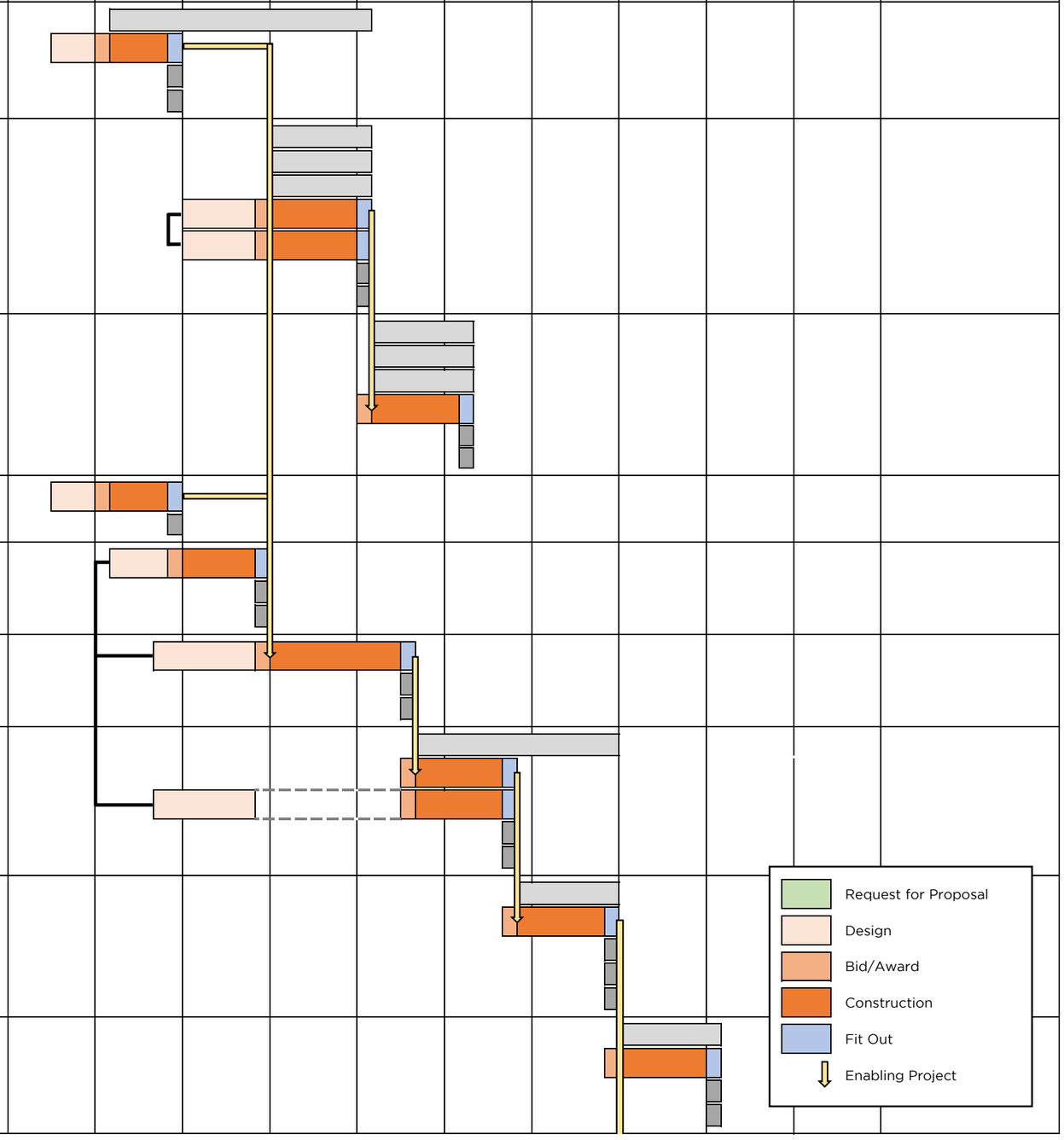
Estimates of Probable Cost

Estimates of probable cost were developed based on square foot costs for each space type and building system. Cost estimates include construction costs, general conditions, overhead and profit, and soft costs (professional fees, contingencies, furnishings, fixtures, and equipment). Escalation was not included and should be calculated at a rate of 4.5 percent per year based on the anticipated midpoint of construction.

Due to the volatility of the construction market, particularly after the pandemic, it is difficult to predict costs several years into the future. All cost estimates should, therefore, be reviewed and adjusted prior to obtaining funding for each project.

Implementation Plan

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Long-Range
Swing Space Required: Move English Offices and Math Offices to Fifth Floor of Tower Building											
Kaplan Hall Renovations											
Move Radiologic Technology from Bio-Tech Building to Kaplan Hall											
Move Bookstore from Tower Building to Kaplan Hall											
Swing Space Required: Move Art Studio to General Science Lab 329 in Kaplan Hall											
Swing Space Required: Move Safety & Security Offices to Third Floor of Tower Building											
Swing Space Required: Move Liberty Partnerships, P-Tech and Student Involvement Offices to Fifth Floor of Tower Building											
Tower Building Renovations: Phase One											
Tower Building Plaza / Overlook Plaza / Walkway Upgrades / Stair to Outdoor Playground											
Move Safety & Security Offices and Student Involvement Offices from Swing Space to Renovated Space on First Floor											
Move Art Studio and Liberty Partnerships and P-Tech Offices from Swing Space to Renovated Space on Second Floor											
Swing Space Required: Move Criminal Justice Lab to General Science Lab in Kaplan Hall											
Swing Space Required: Move Bridges to General Classroom Space and Office to Fifth Floor											
Swing Space Required: Move SUNY Orange+ Offices to Fifth Floor of Tower Building											
Tower Building Renovations: Phase Two											
Move Criminal Justice Lab, Bridges, English Offices, and Math Offices from Swing Space to Renovated Space on Third Floor											
Move SUNY Orange+ Offices from Swing Space to Renovated Space on Fourth Floor											
Harriman Hall Renovations: Phase One											
Move Computer Science from Bio-Tech Building to Harriman Hall											
Hudson Hall Renovation											
Move Criminal Justice from Bio-Tech Building to Hudson Hall											
Move Education from Bio-Tech Building to Hudson Hall											
Bio-Tech Building Renovations: Phase One											
Move Dental Hygiene from Second Floor to Renovated Space on Second Floor											
Move Nursing to from Second Floor to Renovated Space on Third Floor											
Swing Space Required: Move Occupational Therapy Assistant (OTA) to First Floor of Bio-Tech Building											
Bio-Tech Building Renovations: Phase Two											
Bio-Tech Building Plaza / Hudson Hall Plaza / Alumni Green Gateway											
Move Medical Laboratory Technician from Third Floor to Renovated Space on Second Floor											
Move Physical Therapy Assistant (PTA) from Third Floor to Renovated Space on Second Floor											
Swing Space Required: Move Bridges to First Floor of Bio-Tech Building											
Bio-Tech Building Renovations: Phase Three											
Move Occupational Therapy Assistant (OTA) from Swing Space to Renovated Space on Third Floor											
Move Bridges from Swing Space to Renovated Space on Third Floor											
Move SUNY Orange + from Harriman Hall to Renovated Space on Third Floor											
Swing Space Required: Move Information Technology to Temporary Space											
Bio-Tech Building Renovations: Phase Four											
Move Information Technology from Swing Space to Renovated Space on First Floor											
Move Server from Rowley Center to Renovated Space on First Floor											



Implementation Plan

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Long-Range
Swing Space Required: Move Comptroller, Purchasing, and Student Accounts to Temporary Space											
Swing Space Required: Move Art & Communication Offices Temporary Space											
Orange Hall Renovations											
Move Art & Communication Offices from Swing Space to Orange Hall											
Move Art Studios from Harriman Hall to Orange Hall											
Move TV Studio from Harriman Hall to Orange Hall											
Swing Space Required: Move Business and Mathematics to Temporary Space											
Harriman Hall Renovations: Phase Two											
Harriman Hall Plaza / Physical Education Center Plaza / East Conkling Avenue Crossings											
Move Business from Swing Space to Renovated Space on Second Floor											
Move Mathematics from Swing Space to Renovated Space on Third Floor											
Construct New Facilities Building											
Move Facilities from Horton Hall to Facilities Building											
Swing Space Required: Move Safety & Security to Temporary Space											
Horton Hall Renovations											
Horton Hall Plaza / Alumni Green Gateway											
Move Safety & Security from Swing Space to Horton Hall											
Move English from Orange Hall and Swing Space to Horton Hall											
Enabling Project: Move AVPs from Library to Morrison Hall											
Library Renovations											
Move Honors Program from Morrison Hall to Library											
Swing Space Required: Move All Departments Currently Located in Shepard Student Center to Temporary Space											
Shepard Student Center Renovations and Addition											
Shepard Student Center Plaza / Outdoor Gathering Space / South Street Crossings											
Move All Departments Currently Located in Shepard Student Center to Renovated Space on First, Second, and Third Floors											
Swing Space Required: Move General Locker Rooms and Team Locker Rooms to Temporary Space											
Physical Education Center Renovations											
Move General Locker Room and Team Locker Rooms to Renovated Space on First Floor											
Facilities Maintenance Projects											

Middletown Campus

Building on the framework of neighborhoods and gateways, site recommendations at the Middletown Campus are designed to enhance campus identity, improve outdoor gathering areas, and create a more welcoming experience for faculty, students, and visitors. Proposed site improvements include updates to pedestrian crossings, entrance plazas, site furnishings, landscaping, signage, and other visual cues that support wayfinding and campus connectivity.

New gateways at Harriman Hall, Hudson Hall, Horton Hall, and the Physical Education Building will strengthen the connections between the proposed neighborhoods and Alumni Green. These gateways and their associated entrance plazas will help to create a sense of belonging on the campus through the use of consistent materials, lighting, signage, and landscaping. Site improvement projects, along with their associated costs, are detailed in this section of the report.

Middletown Campus Proposed Site Plan

Newburgh Campus

One of the top priorities for the Newburgh Campus is to enhance the connection between Kaplan Hall and the Tower Building. Proposed improvements along the pedestrian street (shown on the following page) will strengthen the visual and physical connection between the two buildings.

Additional deciduous trees will be planted to provide shade and frame views of the Hudson River. Light pole banners will be installed to enhance the campus brand. A reconfigured entry plaza at the Tower Building will serve as the primary destination for students going to the new fitness center and game room in the building. A sculptural focal point will be installed in the plaza to draw views from students approaching the building from the Kaplan Hall and the parking garage.

As part of the project, an overlook plaza will be created north of the Tower Building. Plantings, furnishings, and pavements will be designed to create a visual and physical separation between the Tower Building and Maple Building to further define the boundaries of the College.

A new stair to the playground will further improve connectivity. It will provide a direct route from the daycare facilities in the Tower Building to the playground area adjacent to the Kaplan Hall Plaza. The estimated cost of this work, including soft costs, is $636,000. The scope of work includes the following:

- Entry Plaza at Tower Building
- Overlook Plaza at Tower Building
- Additional Shade Trees
- Improved Lighting
- Banners with Campus Branding
- New Stair to Playground at Kaplan Hall
- Wayfinding Signage
- Updated Furnishings
- Low Maintenance Native Plantings

Existing Pedestrian Plaza

Newburgh Campus Proposed Site Plan

Kaplan Hall Renovations

To align with the priorities of the emerging strategic plan and requirements of the Mother Cabrini Health Foundation Grant, the Radiologic Technology Program will move to general classroom space on the second floor of Kaplan Hall. The new space will include additional x-ray equipment to accommodate anticipated growth in the program. This move will enhance program visibility, improve student accessibility, and expand educational opportunities in Newburgh.

Three general classrooms adjacent to the proposed lab space will remain available for credit and non-credit courses. In the future, these classrooms could be renovated to expand the Radiologic Technology Program or accommodate the future Ultrasound Program. This approach will ensure a seamless transition when additional space is needed.

As part of the work, the bookstore will be relocated to the first floor of Kaplan Hall to improve student access and enable the upcoming renovations to the Tower Building. Space for the Center for Teaching and Learning Center will be created on the first floor and additional office and support space will be provided for Information Technology.

Master Plan Guiding Principles

- Students First
- Enhance Equitable Access and Belonging
- Build Community, Engagement, and Connectivity
- Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- Reimagine the Newburgh Campus

Project Details

Renovation Area

- High-Intensity: 3,509 GSF
- Medium-Intensity: 1,907 GSF
- Low-Intensity: 1,351 GSF

Estimate of Probable Cost: $1,750,100

Project Timeline: 2025 - 2026

Enabling Projects

NONE

Swing Space Needs

- English Faculty Offices (Moves to Tower)
- Math Faculty Offices (Moves to Tower)

Move Out

- General Classrooms
- English Faculty Offices
- Math Faculty Offices

Move In

- Bookstore
- Radiologic Technology Labs and Support Space
- Radiologic Technology Faculty Offices

Scope of Work

Architectural Systems

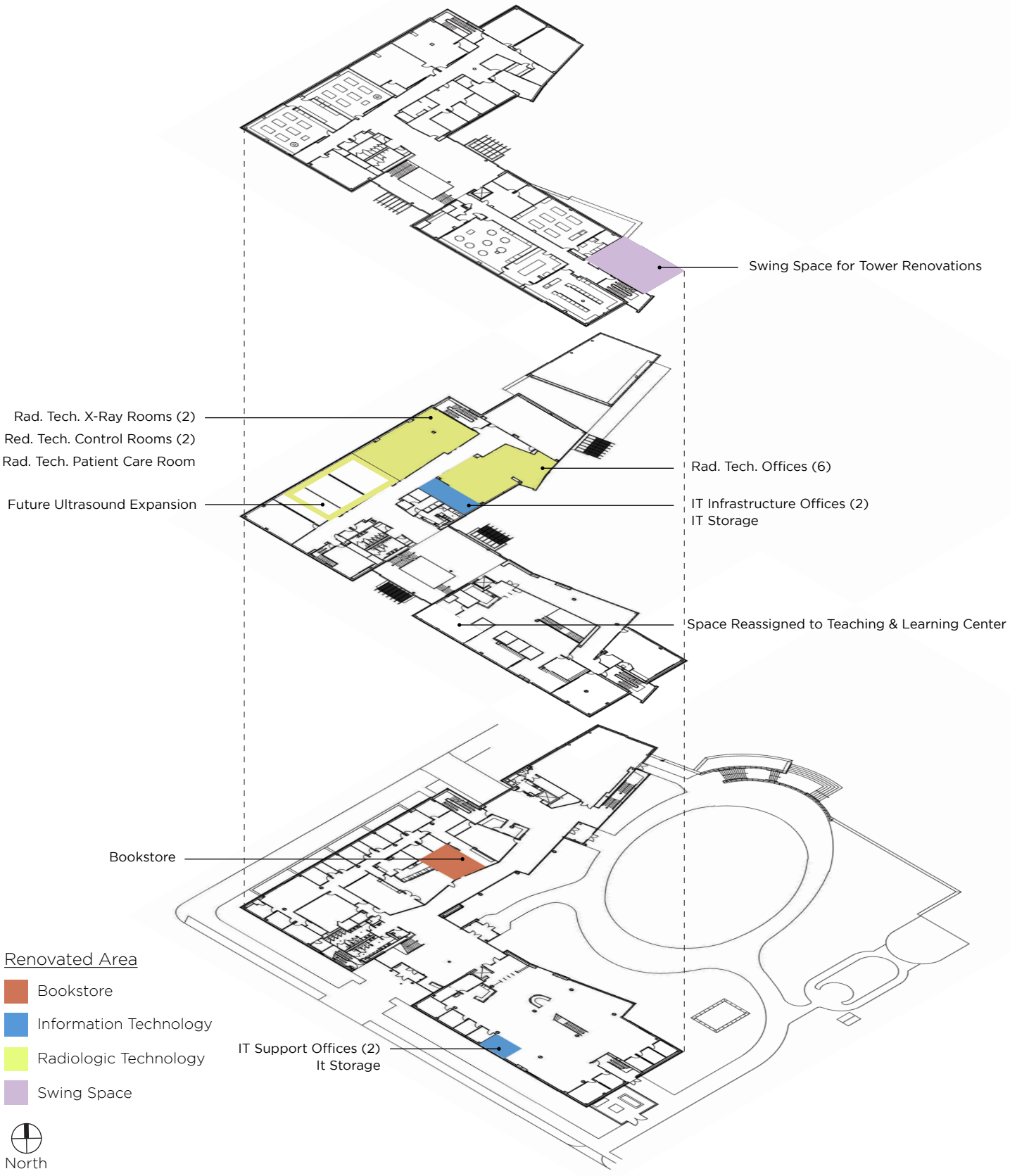
- Upgrade interior finishes
- Install doors at open study rooms in Learning Center

Mechanical Systems

- Existing mechanical systems should have capacity to accommodate the proposed renovations. Modifications to ductwork, VAV boxes, and distribution will be required.

Electrical Systems

- Provide redistributed power to renovated spaces; no major upgrades are anticipated.


Swing Space for Tower Renovations
Rad. Tech. X-Ray Rooms (2)
Red. Tech. Control Rooms (2)
Rad. Tech. Patient Care Room
Rad. Tech. Offices (6)
Future Ultrasound Expansion
IT Infrastructure Offices (2)
IT Storage
Space Reassigned to Teaching & Learning Center
Bookstore
IT Support Offices (2)
It Storage
Renovated Area
Bookstore
Information Technology
Radiologic Technology
Swing Space
North

Tower Building Renovations

To minimize disruption of academic programs, reduce reliance on swing space, and limit departmental moves, the Tower Building will be renovated in two phases. As illustrated in the diagrams on the following page, the first phase will include the lower level, first floor, and second floor. Once that work is complete, student life space on the first floor and academic space on the second floor will be available. The second phase will include renovations on the third, fourth, and fifth floors. In order to maximize the College's investment, the building core (toilet rooms, elevators, and stair towers) will be preserved as much as possible throughout the renovation process.

Once the bookstore moves to Kaplan Hall, a new fitness center will be created on the first floor adjacent to the overlook plaza. The proximity of the fitness center to the main entrance, Healthcare Lab, and Childcare Center will provide easy access for these programs, as well as students coming from Kaplan Hall.

Other student life spaces, such as the game room and club room, will be relocated to the first floor adjacent to the new fitness center. The vacated space on the lower level will be renovated, as needed, to support the expansion of the FoodTEC Programs.

Instructional space on the second and third floors will be updated and dedicated office space will be provided for faculty who primarily teach in Newburgh. Touchdown space will be provided for adjunct faculty and full-time faculty who have an office on the Middletown Campus. General classrooms, computer labs, and specialized labs will be updated and reconfigured for active learning.

The fourth floor will be fully reconfigured to house the Educational Opportunity Program (EOP), Youth Empowerment Program (YEP), Educational Partnerships, and SUNY Orange+ offices. Renovations on the fifth floor will be limited to the creation of additional faculty and staff touchdown space. Administrative offices and meeting rooms, including the Boardroom, will remain in place.

Master Plan Guiding Principles

- Students First
- Enhance Equitable Access and Belonging
- Build Community, Engagement, and Connectivity
- Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- Reimagine the Newburgh Campus

Project Details

Renovation Area

- Phase One: 3,509 GSF
- Phase Two: 1,907 GSF

Estimate of Probable Cost

- Phase One: $14,827,900
- Phase Two: $9,300,500

Project Timeline

- Phase One: 2027 - 2028
- Phase Two: 2029 - 2030

Enabling Projects

- Kaplan Hall Renovations

Swing Space Needs

Phase One

- Art Studio and Support Space
- Liberty Partnership Program (LPP) Offices
- Pathways in Technology (P-TECH) Offices
- Student Life Offices
- Safety and Security
- SUNY Orange+

Phase Two

- Criminal Justice Lab and Support Space
- Behavioral Sciences, Global Studies, History, and Psychology Faculty Offices
- Psychology Faculty Offices
- Educational Partnerships Offices
- Bridges Program
- SUNY Orange+

Move Out

- Bookstore

Move In

- EOP Offices and Resource Room (NEW)
- TRiO Offices (NEW)
- English Faculty Offices
- Math Faculty Offices

Scope of Work

Architectural Systems

- Replace window systems
- Repoint mortar joints
- Repair concrete foundation walls
- Upgrade Interior finishes

Mechanical Systems

- Existing mechanical systems should have capacity to accommodate the proposed renovations, although most of the central plant equipment and WSHPs are nearing the end of their useful life. The renovations should, therefore, include a new cooling tower, boiler plant, pumps, WSHP terminal units, and distribution ductwork.
- Provide additional ventilation for the fitness center via new DOAS rooftop unit. Provide new ductwork through a new or existing shaft down to the first floor.
- It is assumed that the existing kitchen exhaust ductwork can be utilized for the repurposed kitchen. If additional ductwork is needed, new shafts will be required from the basement to the roof level.

Electrical Systems

- As part of the work, the original electrical switchgear will be replaced. Although the scope of this work may be disproportionate to the remainder of the renovation, the age of the switchgear warrants proactive replacement to prevent unexpected failure.
- Provide new lighting and lighting controls, as well as power, data, and special system devices in renovated area.

Plumbing Systems

- Existing toilet rooms are anticipated to remain; only minimal plumbing work is expected.

Fire Protection Systems

- Provide new fire protection piping and sprinkler heads in renovated area. The fire protection service entrance and system are not expected to be replaced.

Capital Plan

If not already completed, the following projects from the six-year capital plan will be included in the renovations:

- Replace roof
- Facade repairs
- Replace water source heat pumps
- Replace HVAC pumps and motors
- Upgrade door access control system

Existing Entry Plaza

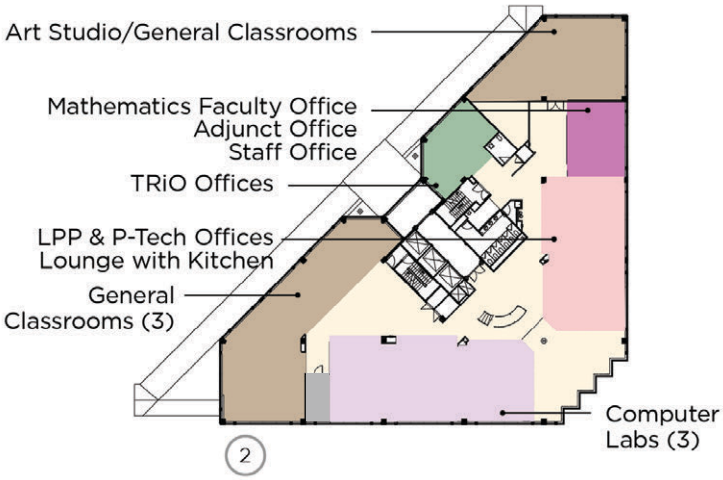
Tower Building Renovations

Phase One

Renovated Area

- Computer Labs
- Faculty-Student Association
- General Instruction
- LPP and P-TECH
- Mathematics
- Physical Education
- Safety and Security
- Student Involvement
- SUNY Orange+
- TRiO
- Building Services
- Circulation

North

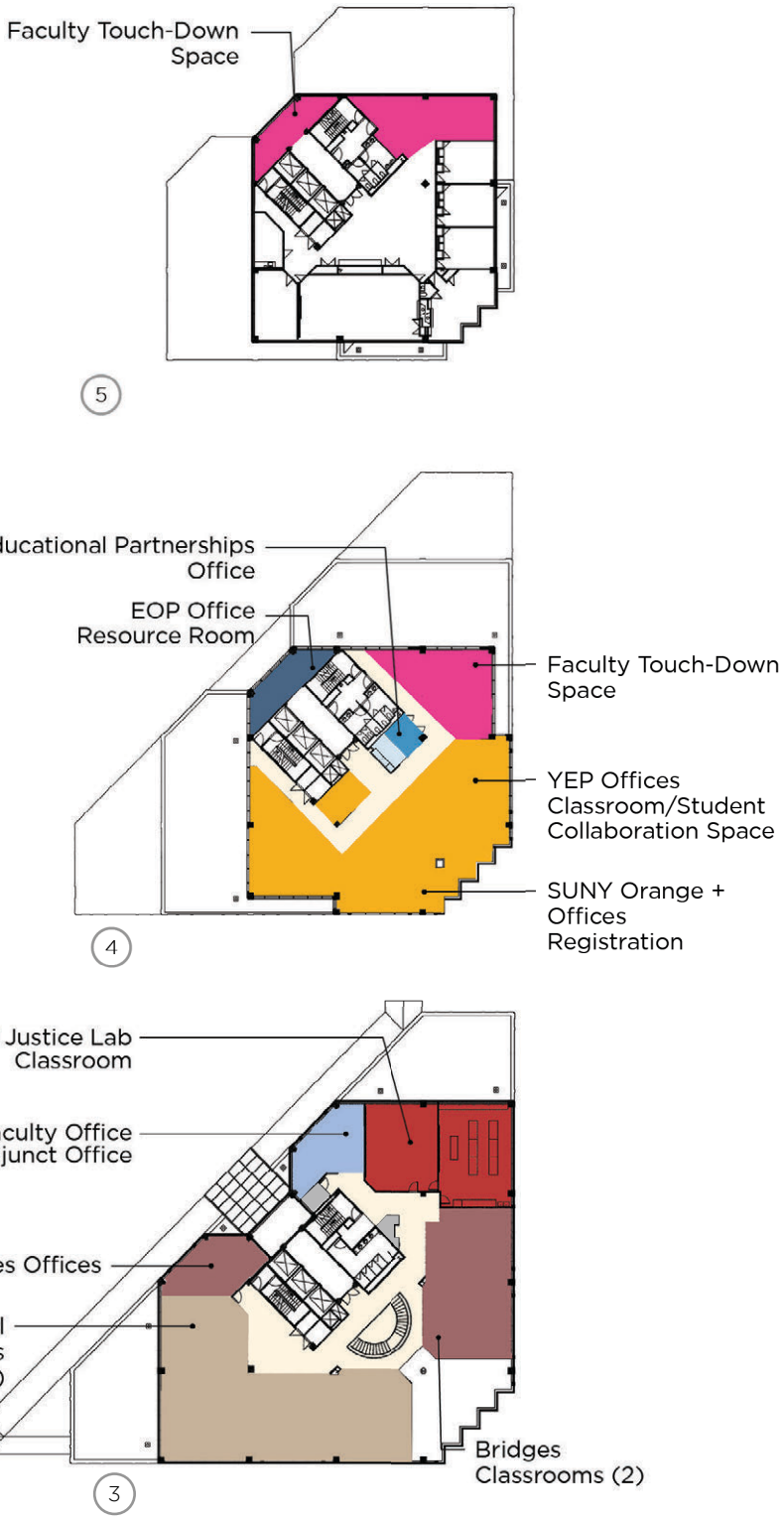


Phase Two

Renovated Area

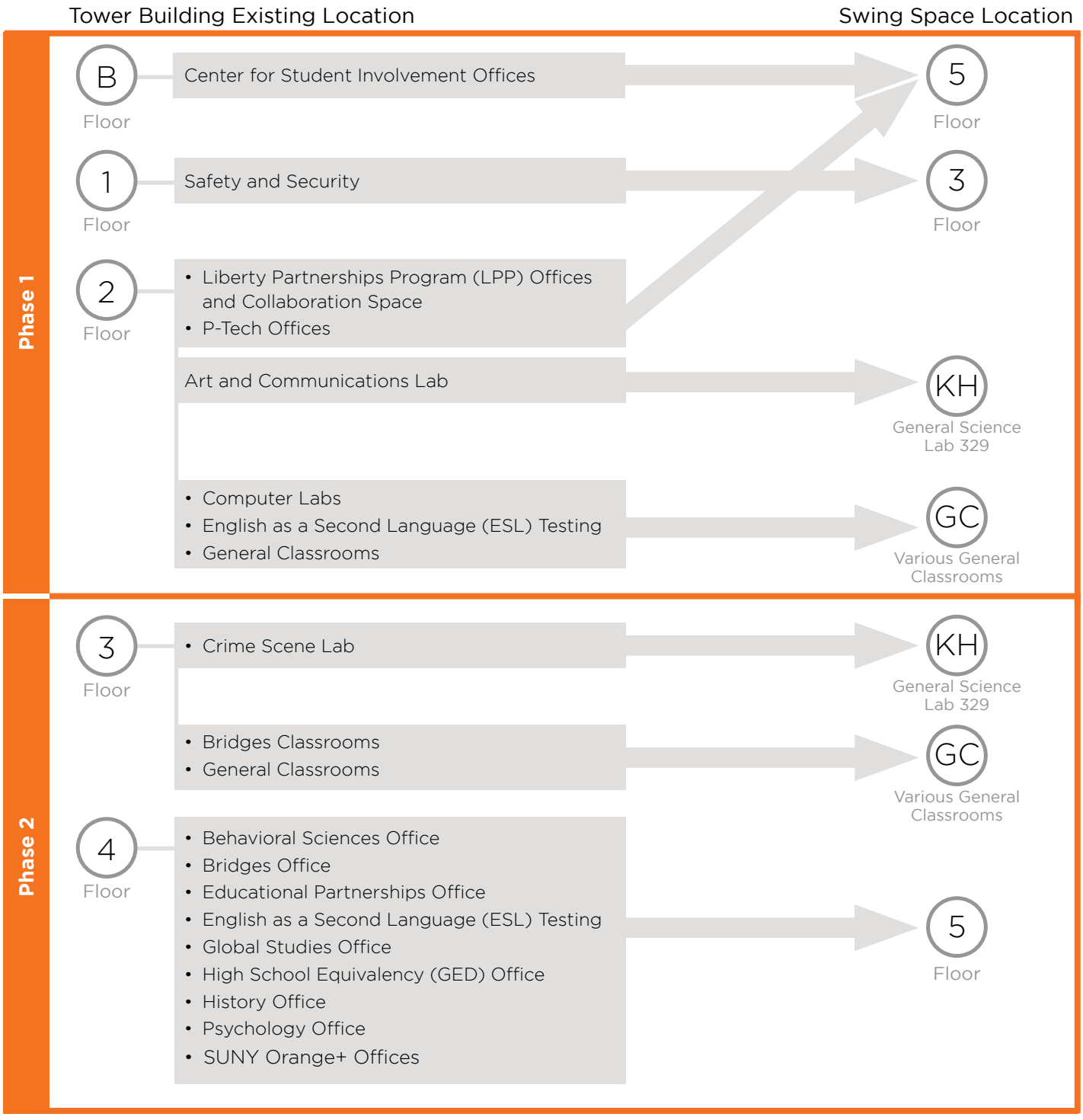
- Bridges
- Criminal Justice
- EOP
- Educational Partnerships
- English
- Faculty Touch-Down Space
- General Instruction
- SUNY Orange+
- Building Services
- Circulation

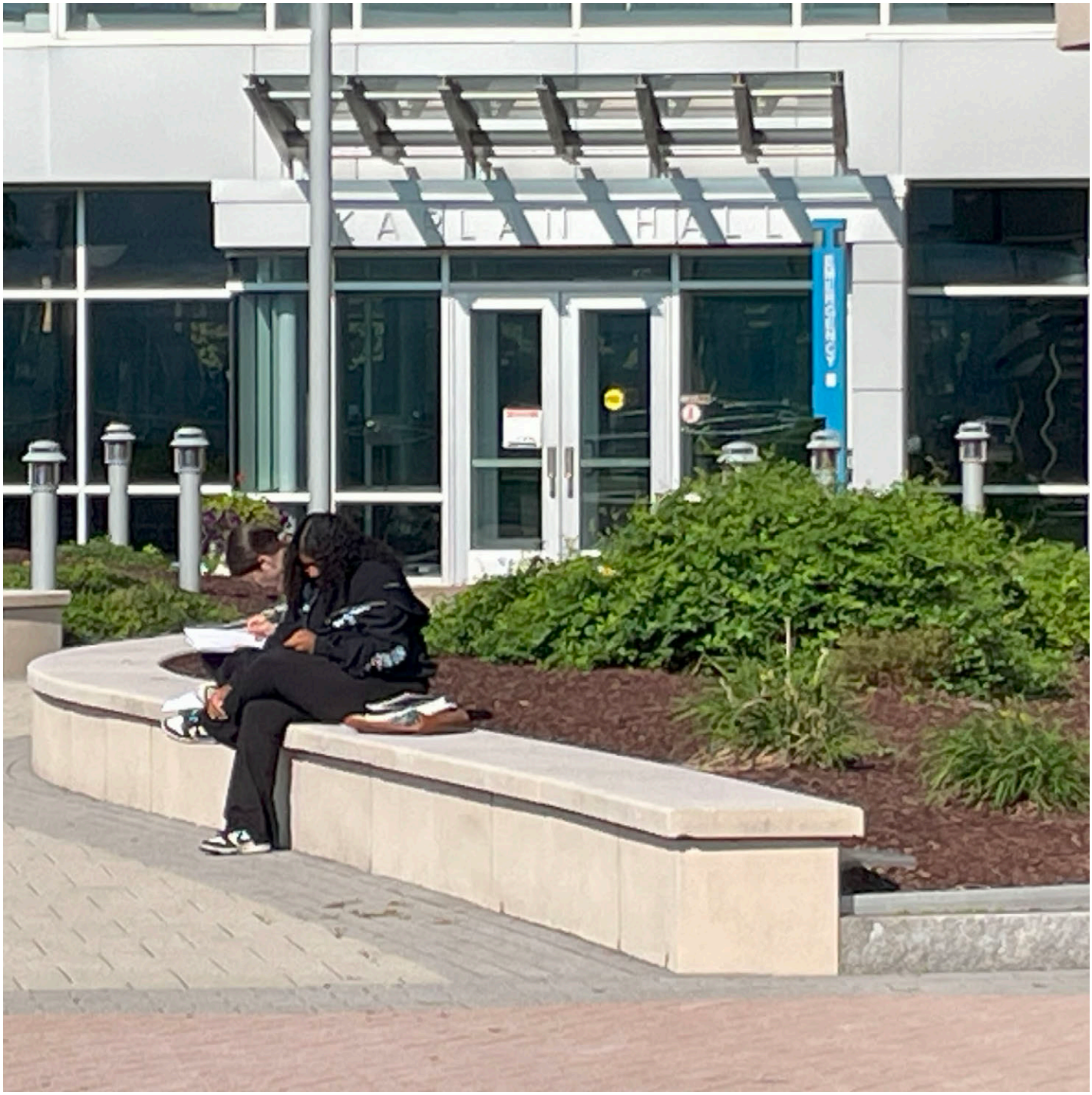
North



Tower Building Renovations

Phasing Plan



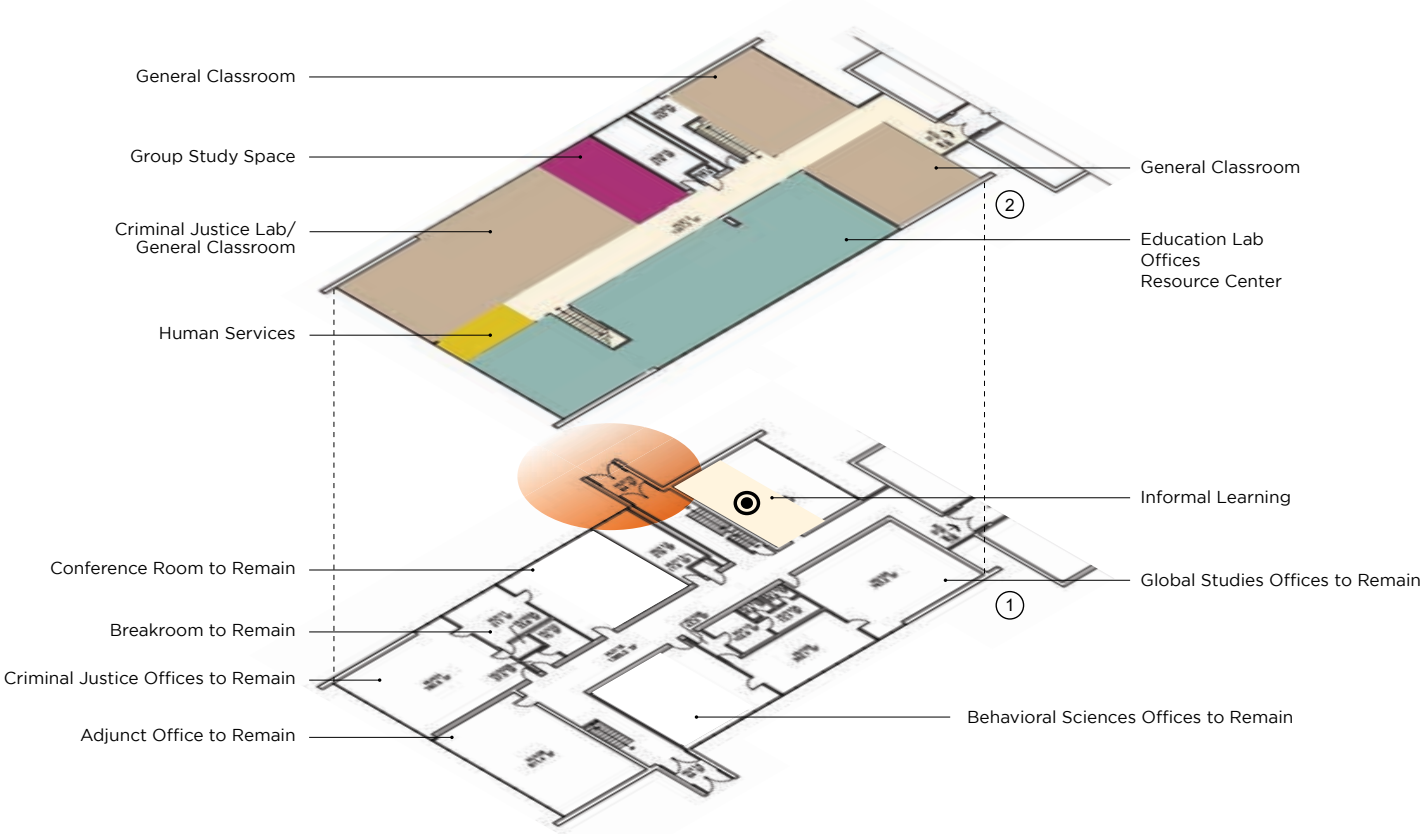

KARLAN HALL

Hudson Hall Renovations

To align resources with proposed campus neighborhoods, consolidate academic programs, and facilitate future renovation projects, Criminal Justice and Education will be relocated from the Bio-Tech Building to the second floor of Hudson Hall. Moving the Criminal Justice Lab adjacent to the recently renovated office suite will strengthen the identity of the program and improve accessibility for students and faculty.

As part of the work, the second floor will be fully renovated to create specialized labs for both programs. The new labs will provide state-of-the-art facilities that support hands-on learning, student engagement, and collaboration. While several general classrooms will be repurposed to accommodate these labs, additional general classrooms will be created on the lower level of the Bio-Tech Building. Faculty offices for the Education Program will be located on the first floor.

The gateway on the northeast side of the building will establish a distinct identity for the *Public Service Neighborhood* and serve as a focal point for students, faculty, and visitors. The informal learning space adjacent to the gateway will create a welcoming environment that supports the academic communities in the building. The new space will feature flexible seating and collaborative workspaces to encourage collaboration among students and faculty.



Renovated Area

- Education
- Group Study Space
- General Instruction
- Human Services
- Circulation
- Neighborhood Gateway
- Community Front Door

North

Master Plan Guiding Principles

- Students First
- Enhance Equitable Access and Belonging
- Build Community, Engagement, and Connectivity
- Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- Reimagine the Newburgh Campus

Project Details

Renovation Area: 8,283 GSF
Estimate of Probable Cost: $4,193,400
Project Timeline: 2026 - 2027

Enabling Projects

NONE

Swing Space Needs

NONE

Move Out

- General Classrooms

Move In

- Criminal Justice Lab and Support Space
- Education Lab and Resource Center
- Education Faculty Offices

Scope of Work

Architectural Systems

- Replace curtainwall system
- Install missing soffit panels
- Upgrade interior finishes
- Upgrade signage and wayfinding

Mechanical Systems

- Similar to the recent renovations, package rooftop units will be added for the renovated area. Existing rooftop equipment that was installed within the last ten years will remain.
- Provide new boiler plant (replace existing boiler plant) in the same location. Due to the building being partially occupied during the renovation, the boiler plant should be installed during the summer months.
- All new systems will be equipped with new DDC controls throughout the building.

Electrical Systems

- Provide new lighting for the renovated area.

Plumbing Systems

- The renovation will address drainage piping upgrades and repairs.

Capital Plan

If not already completed, the following projects from the six-year capital plan will be included in the renovations:

- Replace roof
- Replace boiler plant
- Replace HVAC pumps and motors
- Update building management system
- Upgrade door access control system
- Upgrade fire alarm system

Bio-Tech Building Renovations

The fully renovated Bio-Tech Building will feature updated lecture halls, specialized labs, and informal learning spaces that encourage interdisciplinary collaboration. It will serve as the home for the *Health Sciences and Wellness Community* and will be integrated into the campus network by two strategically located gateways. The northern gateway will lead to a dedicated Dental Hygiene wing that features a large reception area, waiting room, two dental clinics, two updated labs, an office suite, and support space.

A sterilization lab will be created adjacent to the dental clinics to serve the Dental Hygiene Program and future Sterilization Program. A large, flexible classroom will be constructed across the hall from the sterilization lab and will be designed for potential conversion into additional lab space. The southern gateway will provide direct access to the Medical Lab Technician and Physical Therapy Assistant Programs, as well as informal learning and faculty support spaces.

The Nursing Program will be consolidated and expanded on the third floor to include three updated labs, two simulation labs, a computer lab, a debriefing room, and an office suite. The Bridges and Occupational Therapy Assistant (OTA) Programs will be co-located to allow both program to utilize the mock apartment. The SUNY Orange+ healthcare labs will be moved from Harriman Hall to support a smooth transition between non-credit and credit programs.

The server currently located in the Rowley Center for Science and Engineering will be moved to the lower level of the Bio-Tech Building, which will be fully renovated for Information Technology. As part of the renovations, student and faculty facing departments will be moved across the hall to improve access and visibility.

To maximize the investment and minimize the amount of swing space required, the renovations will be divided into four phases. Work will begin in the north wing and will include a comprehensive upgrade of mechanical systems on the lower level and vertical chases for distribution throughout the building. The south wing will be fully renovated during the second, third, and fourth phases. Swing space will be provided on the first floor for English Classrooms; Occupational Therapy Assistant Labs and Offices; and Bridges Labs and Offices. Swing space for Information Technology offices will need to be provided elsewhere on campus.

Master Plan Guiding Principles

- ● Students First
- ● Enhance Equitable Access and Belonging
- ● Build Community, Engagement, and Connectivity
- ● Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- ○ Reimagine the Newburgh Campus

Project Details

Renovation Area

- Phase One: 29,926 GSF
- Phase Two: 26,079 GSF
- Phase Three: 29,414 GSF
- Phase Four: 22,071 GSF

Estimate of Probable Cost

- Phase One: $22,220,100
- Phase Two: $17,603,400
- Phase Three: $19,854,500
- Phase Four: $11.918,400

Project Timeline

- Phase One: 2026 - 2029
- Phase Two: 2029 - 2030
- Phase Three: 2030 - 2031
- Phase Four: 2031 - 2032

Enabling Projects

- Kaplan Hall Renovations
- Hudson Hall Renovations
- Harriman Hall Renovations - Phase One

Swing Space Needs

Phase One
- English Classrooms (Moves to Horton)
- Youth Empowerment Program (Moves to Shepard)

Phase Two
- Occupational Therapy Assistant

Phase Three
- Bridges Program

Phase Four
- Information Technology

Move Out

- Computer Science Labs and Support Space
- Computer Science Faculty Offices
- Criminal Justice Lab and Support Space
- Radiologic Technology Labs and Support Space
- Radiologic Technology Faculty Offices
- Education Lab and Resource Center
- Education Faculty Offices
- English Classrooms
- YEP Offices

Move In

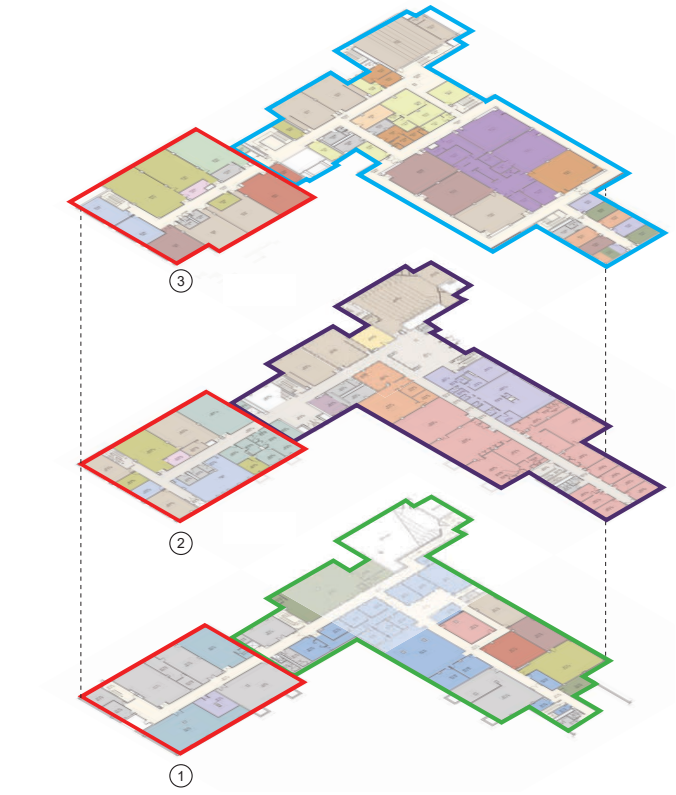
- General Classrooms
- SUNY Orange+

Capital Plan

If not already completed, the following projects from the six-year capital plan will be included in the renovations:

- Replace roof
- Replace air-handling units
- Replace uni-vent
- Upgrade fan coil heater
- Replace HVAC pumps and motors
- Update building management system
- Replace switchgear
- Upgrade fire alarm system
- Upgrade door access control system

Phasing Plan



Bio-Tech Building Renovations

Scope of Work

Architectural Systems

- Replace curtainwall system
- Replace skylights
- Repair exterior and interior masonry walls
- Upgrade Interior finishes
- Update seating and technology in the lecture halls
- Replace laboratory casework
- Replace lockers in locker rooms
- Replace raised floor system in Data Center
- Update door hardware (locking systems)
- Upgrade signage and wayfinding

Mechanical Systems

- Due to the phased renovation and space types that require high ventilation, a new roof-mounted air handling unit will be provided for each phase. The air handling units will be served by the chilled and hot water plants described below. They will serve variable air volume (VAV) with hot water reheat boxes for each space, providing localized temperature control and an increased ability to provide ventilation and exhaust to lab spaces.
- Chilled Water Plant
  - Replace existing absorption chiller located on the first floor with a new chiller. The new equipment will be installed in the existing storehouse to minimize downtime for occupied spaces during construction. The new chiller will be fully operational during Phase One and will be sized to serve the entire building. New piping will be provided to the new air handling equipment.
  - Provide new roof-mounted cooling tower for the entire building during Phase One.
  - ALTERNATE: An air cooled chiller may be provided on the roof in lieu of the chiller and cooling tower, allowing for some of the mechanical space in the basement to be returned to the College. Further discussions with the College and review of the proposed phasing will be required.
- Existing boilers and hot water piping throughout the building will remain, although all hot water piping should be replaced as the building is renovated. A new glycol hot water heat exchanger and glycol hot water piping will be provided to the roof for new air handling systems.
- New hot water piping will be provided throughout the building for the VAV boxes.
- All new systems, including new air handling units and VAV boxes, will contain direct digital controls (DDC).
- New in-row cooling equipment will be provided for the relocated server room. The cooling equipment will be tied into the building chilled water plant.

Electrical Systems

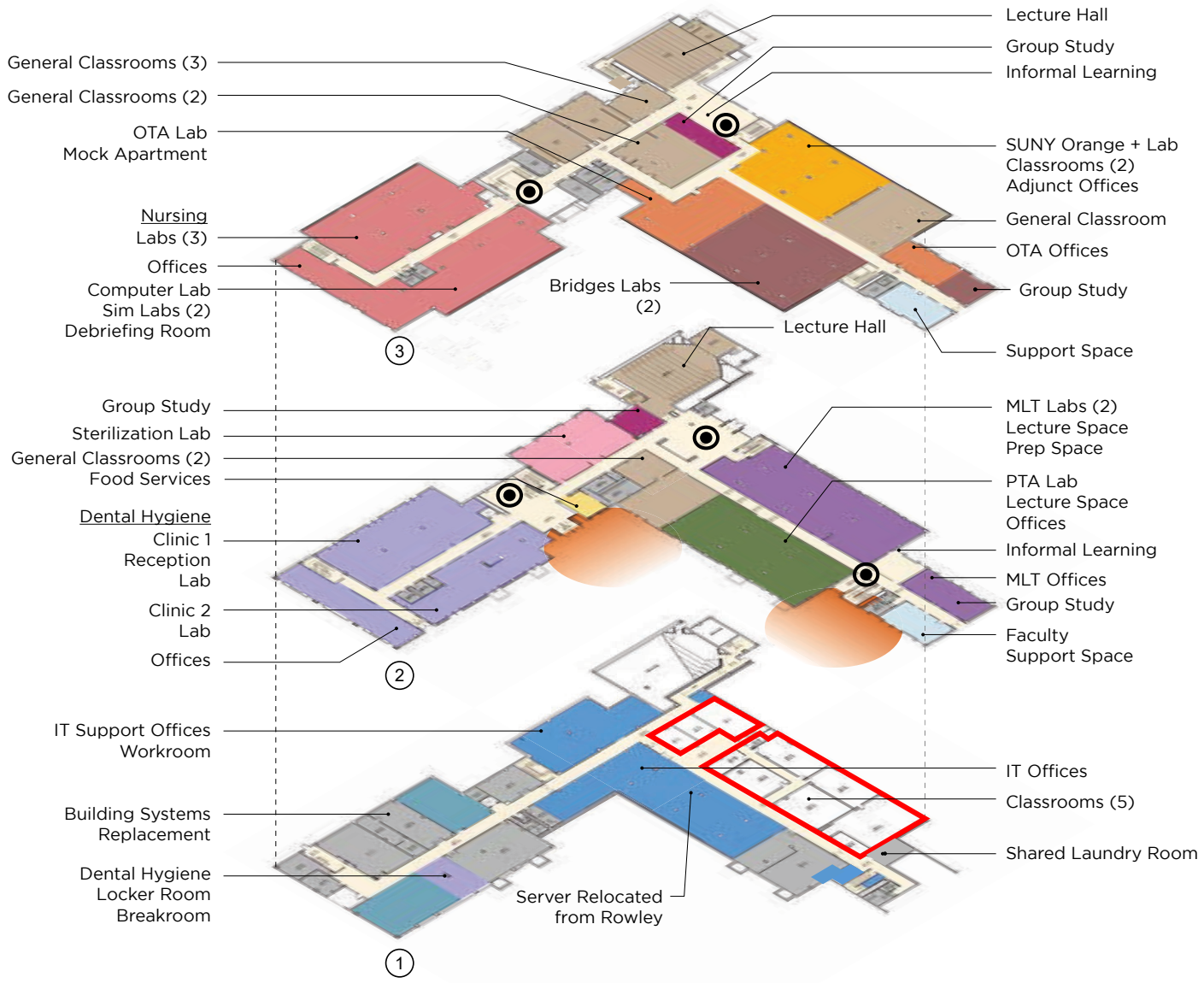
- Replace the original switchgear (1974) with a new switchgear. Due to the building being partially occupied during the renovation, a temporary generator will be needed.
- Provide a new digital addressable fire alarm system throughout the building, including initiation and notification devices. The new system will be installed in Phase One.
- Provide new lighting and lighting controls, as well as power, data, and special system devices throughout the building.
- Provide new fiber to the relocated server room and all data closets in the building. All horizontal cabling will be replaced as part of the work.

Plumbing Systems

- Replace plumbing fixtures throughout the building.
- Provide a booster pump to address low water pressure concerns on the third floor. It is assumed that the majority of the domestic cold and domestic hot water piping will remain.
- Relocate distilled water system for Dental Hygiene Labs, as required.

Fire Protection Systems

- Provide a new fire protection system throughout the building, beginning in Phase One. Install separate fire protection service entrance and provide taps for future expansion of system for future phases. The system installed in Phase One will be sized and calculated for the completed building.



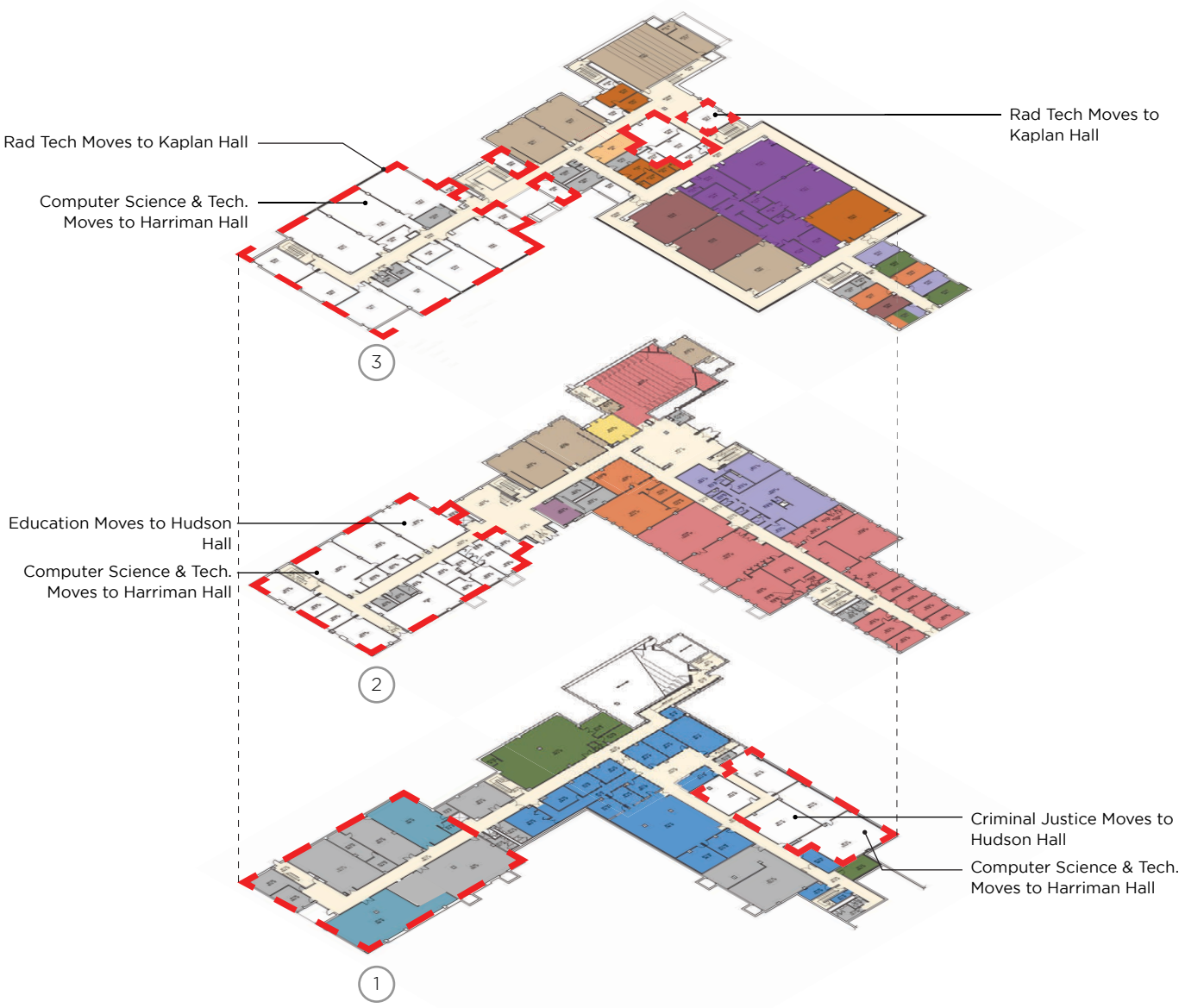
Renovated Area

- Bridges
- Dental Hygiene
- Food Services
- General Instruction
- Group Study Space
- Information Technology
- Medical Lab Tech.
- Nursing
- Occupational Therapy Asst.
- Physical Therapy Asst.
- Storehouse
- Sterilization Lab
- SUNY Orange+
- Shared Support
- Building Services
- Circulation
- Neighborhood Gateway
- Community Front Door

North

Bio-Tech Building Renovations

Phase One

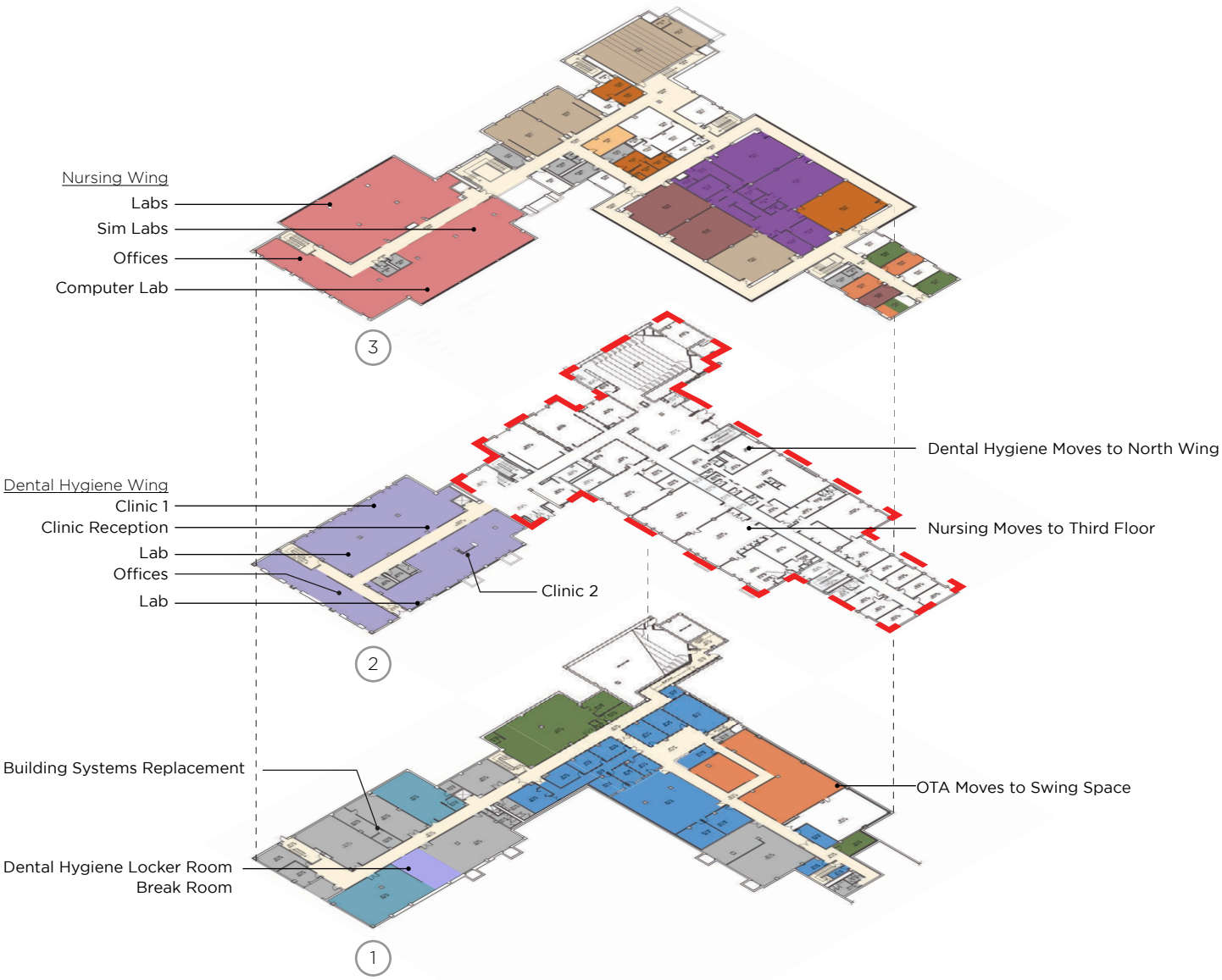


Renovated Area

- Biology
- Bridges
- Clinical Lab Science
- Dental Hygiene
- Food Services
- Faculty-Student Assoc.
- General Instruction
- Information Technology
- Medical Lab Tech
- Nursing
- Occupational Therapy Assist.
- Physical Therapy Assistant
- Storehouse
- Building Services
- Circulation
- Vacated Space

North

Phase Two



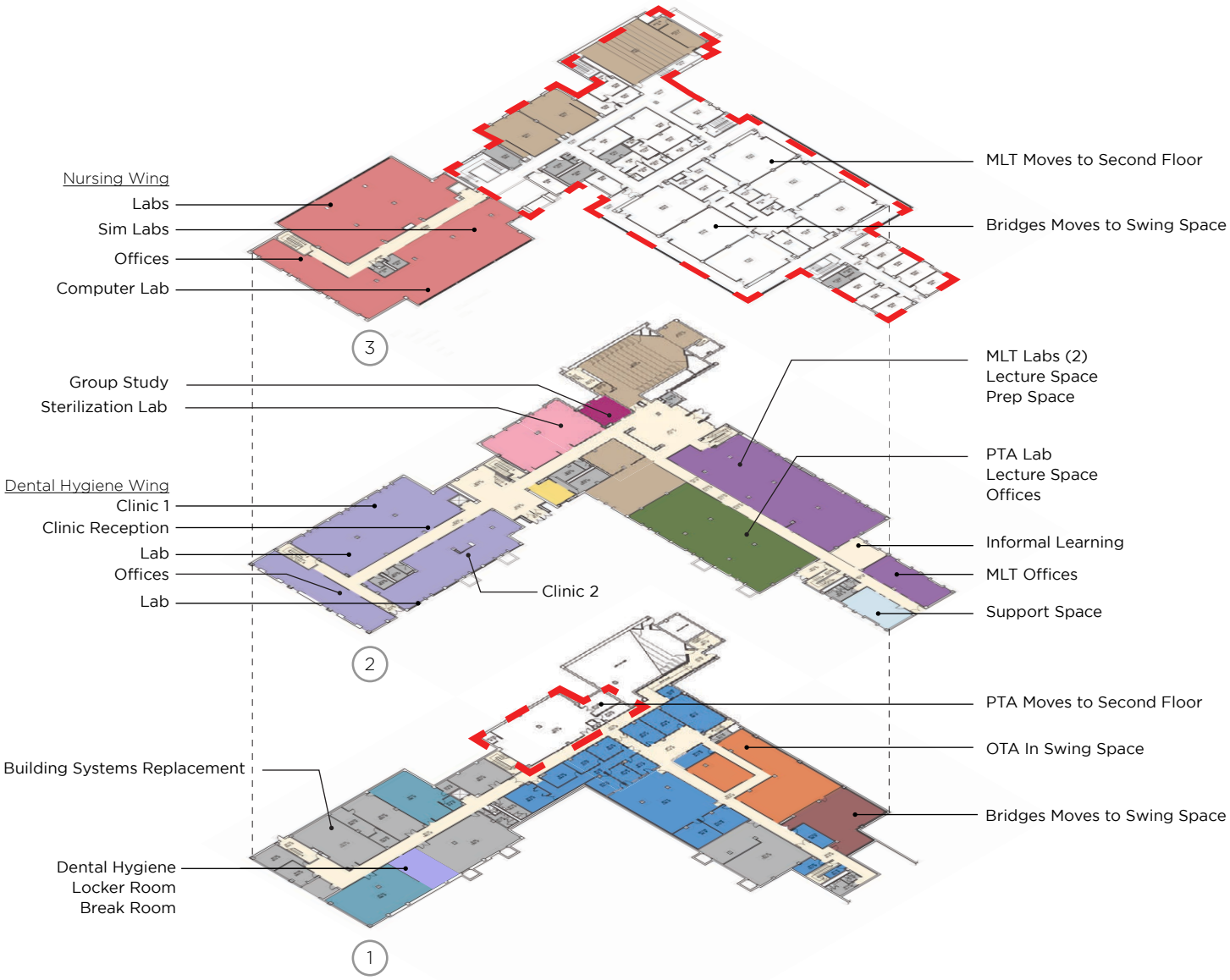
Renovated Area

- Biology
- Bridges
- Clinical Lab Science
- Dental Hygiene
- General Instruction
- Information Technology
- Medical Lab Tech
- Nursing
- Occupational Therapy Assist.
- Physical Therapy Assistant
- Storehouse
- Building Services
- Circulation
- Vacated Space

North

Bio-Tech Building Renovations

Phase Three

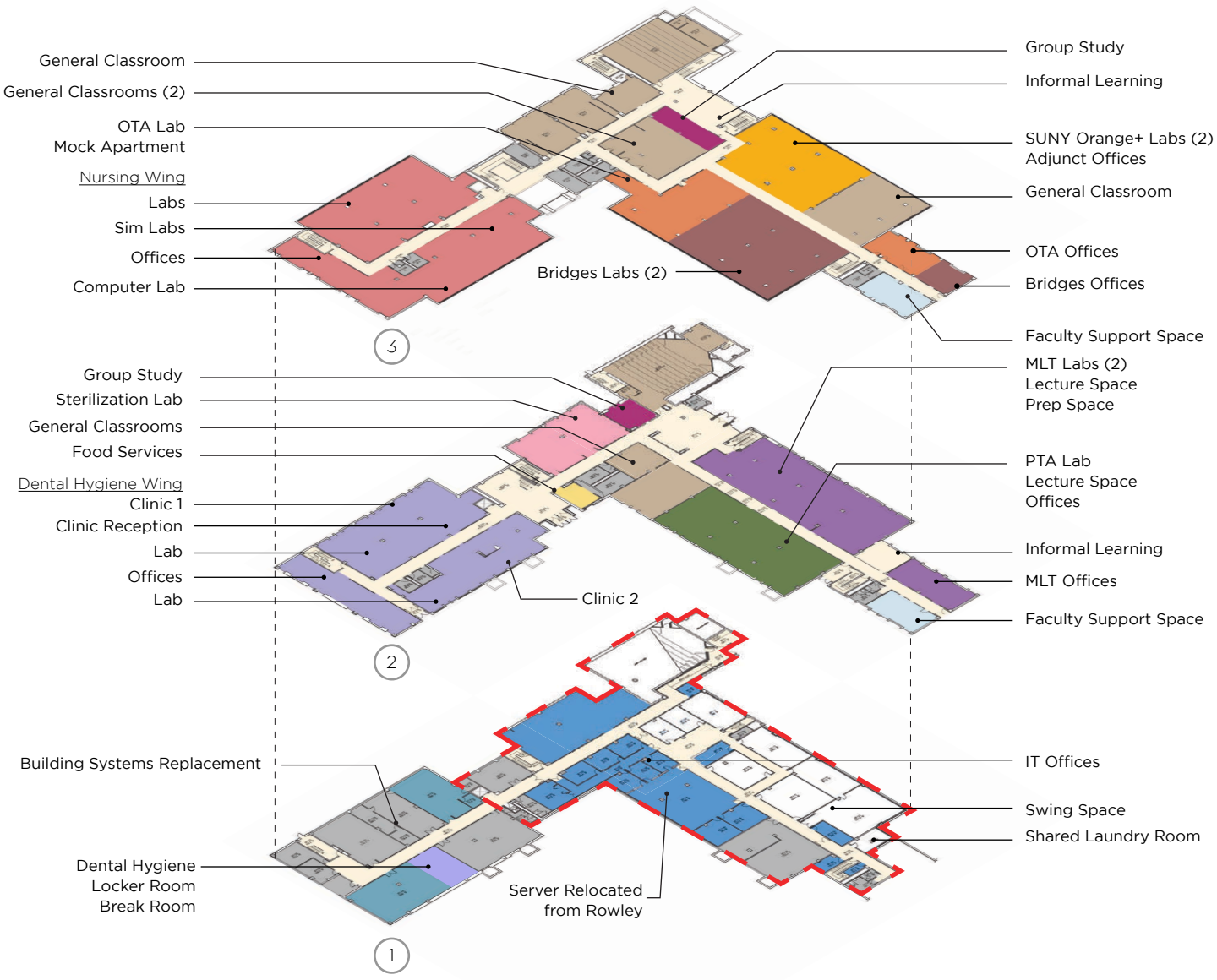


Renovated Area

- Bridges
- Dental Hygiene
- Food Services
- General Instruction
- Group Study
- Information Technology
- Medical Lab Tech
- Nursing
- Occupational Therapy Assist.
- Physical Therapy Assistant
- Sterilization Lab
- Storehouse
- Support Space
- Building Services
- Circulation
- Vacated Space

North

Phase Four



Renovated Area

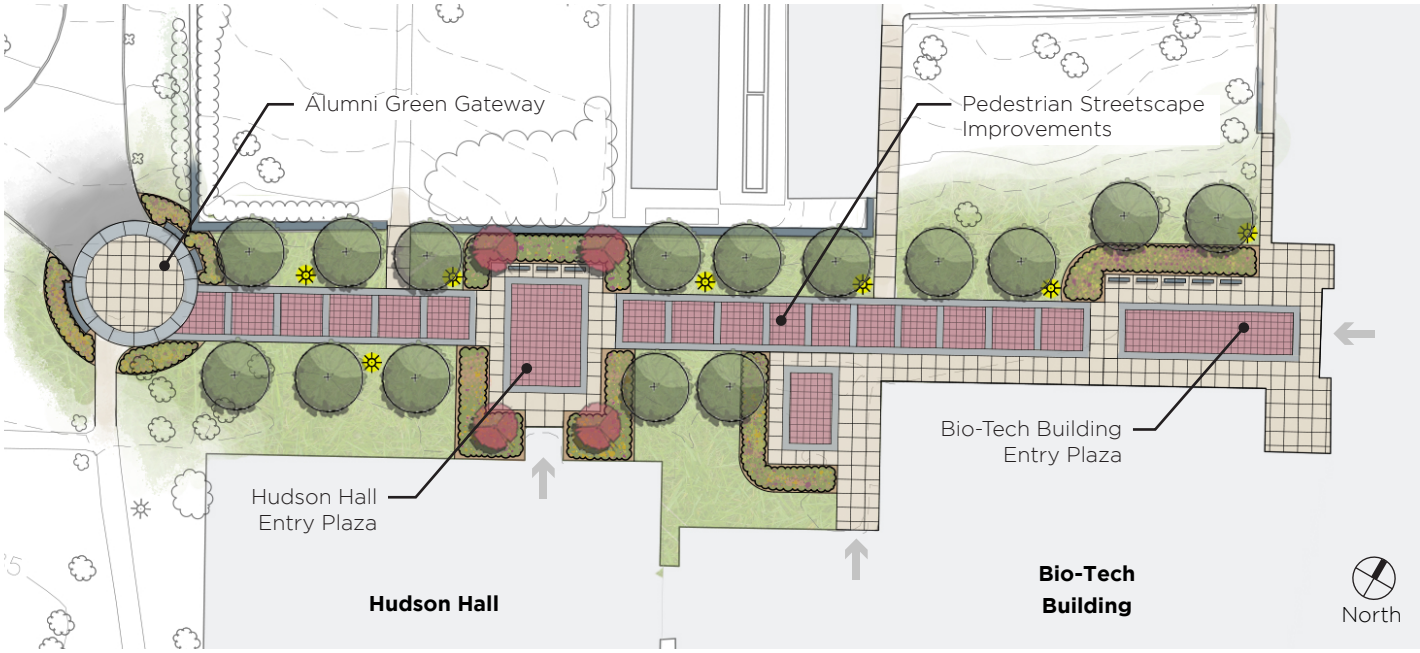
- Bridges
- Dental Hygiene
- Food Services
- General Instruction
- Group Study
- Information Technology
- Medical Lab Tech
- Nursing
- Occupational Therapy Assist.
- Physical Therapy Assistant
- Sterilization Lab
- Storehouse
- SUNY Orange+
- Support Space
- Building Services
- Circulation
- Vacated Space

North

Hudson Hall/Bio-Tech Building Site Improvements

The proposed renovations include a pedestrian promenade that extends from Alumni Green to the improved entry plazas at Hudson Hall and the Bio-Tech Building. Walkways will be wide enough to support service and maintenance access, but broken down into pedestrian scale zones through the use of decorative pavement patterns, furnishings, and native plantings. The promenade is envisioned as an inviting pedestrian-first space that promotes inclusivity and collaboration. Plaza spaces will be designed to accommodate informal gatherings for groups of various sizes and will be flexible enough to support multiple programming needs. The estimated cost of this work, including soft costs, is $750,000. The scope of work includes the following:

- Reconfigured Pedestrian Promenade
- Gateway Plaza on Alumni Green
- Entry Plazas at Hudson Hall and the Bio-Tech Building
- Improved Lighting
- Banners with Campus and Neighborhood Branding
- Wayfinding Signage
- Updated Furnishings
- Low Maintenance Native Plantings



Hudson Hall/Bio-Tech Building Site Improvements

Existing Entry Plaza

Orange Hall Renovations

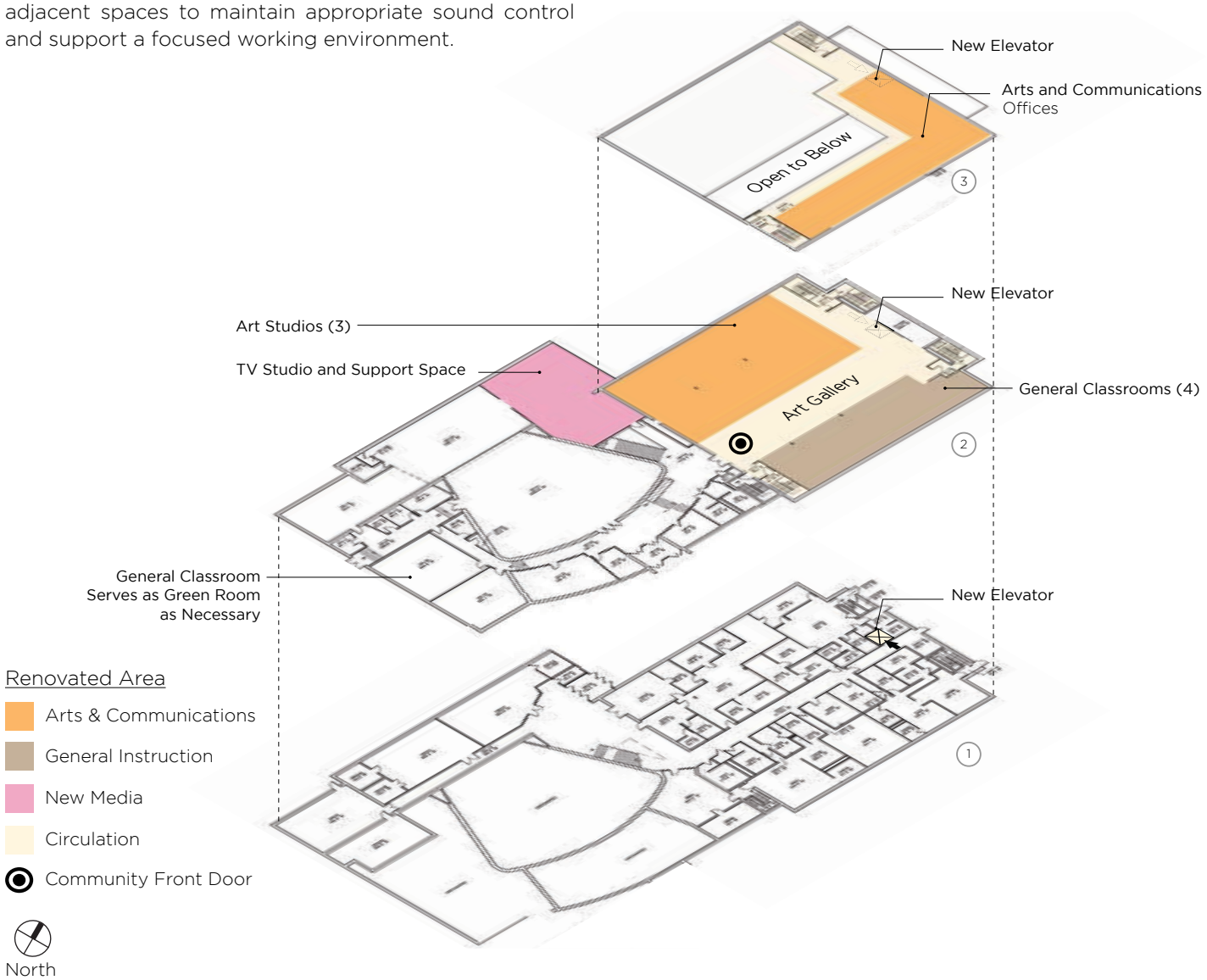
Orange Hall will be renovated to provide a home for the *Arts and Media Community* within the *Arts and Culture Neighborhood*. The television studio, art studios, and associated support space will be moved from the first floor of Harriman Hall to consolidate the Graphic Arts and New Media Programs in a space that fosters creativity and collaboration. This move will strengthen the identity of both programs and provide upgraded, fully accessible space for the television studio.

Updated art studios will be constructed adjacent to the art gallery, creating an environment that encourages synergy between studio work and exhibition space. As part of the work, a portion of the third floor will be removed to create two-story volumes that provide large, open studio spaces with access to natural light. Acoustic separation will be provided between the art studios and adjacent spaces to maintain appropriate sound control and support a focused working environment.

Right-sized, updated general classrooms will be created on the second floor. If not needed for instruction, these classrooms could be used as event space or overflow space for the art gallery.

Faculty offices will be moved to the third floor, overlooking the gallery and studios below. Additional faculty offices will be created, as needed, for growing academic programs. An elevator will be installed to provide an accessible route to all spaces in the building, including administrative offices currently located on the first floor.

The reimagined spaces in Orange Hall will create a welcoming atmosphere, improved learning environment, and enhanced sense of belonging for students in the Graphic Arts and New Media Programs.



Master Plan Guiding Principles

- ● Students First
- ● Enhance Equitable Access and Belonging
- ● Build Community, Engagement, and Connectivity
- ● Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- ○ Reimagine the Newburgh Campus

Project Details

Renovation Area: 14,883 GSF
Estimate of Probable Cost: $9,041,500
Project Timeline: 2030 - 2031

Enabling Projects

NONE

Swing Space Needs

- Art Gallery
- Arts and Communications Faculty Offices
- Comptroller (Moves to Shepard)
- Purchasing (Moves to Shepard)
- Student Accounts (Moves to Shepard)
- SUNY Orange+ (Moves to Shepard)

Move Out

- English Faculty Offices
- Comptroller Offices
- Purchasing Office
- Student Accounts Offices
- SUNY Orange+

Move In

- Art Studios and Support Space
- New Media Studios and Support Space
- New Media Faculty Offices

Scope of Work

Architectural Systems

- Replace curtainwall system
- Repair parging at retaining wall
- Replace skylights
- Upgrade interior finishes
- Upgrade signage and wayfinding

Mechanical Systems

- Provide new rooftop air handling equipment with DX cooling and hot water or gas heat for renovated art studios.
- Provide VAV with hot water reheat systems for each zone.

Electrical Systems

- Provide new power and lighting in renovated area.
- Provide new electrical feeder for new elevator.

Fire Protection Systems

- Provide new sprinkler heads in renovated area.

Capital Plan

If not already completed, the following projects from the six-year capital plan will be included in the renovations:

- Replace roof
- Replace HVAC equipment, pumps, and motors
- Update building management system
- Upgrade door access control system
- Upgrade fire alarm system

Harriman Hall Renovations

Harriman Hall will be renovated in two phases. As part of the first phase, the Computer Science and Technology Program will move from the north wing of the Bio-Tech Building to the first floor of Harriman Hall. This will consolidate STEM programs, establish the *Science and Innovation Neighborhood*, and reinforce the role of the Rowley Center and Harriman Hall as the hub for science, technology, engineering, and mathematics.

As part of second phase, a maker space will be created to provide a collaborative environment that is tailored to the needs of the Computer Science and Technology Program, but available for use by all programs. The former art studios will be renovated for general classrooms.

A new gateway will be created to improve wayfinding, connect the building to the larger campus network, and establish an identity for the *Science and Innovation Neighborhood*. An informal learning space with soft seating and flexible technology will be created near the main entrance to encourage collaboration and student engagement. A new glass wall along the south side of the learning space will provide a visual connection to Alumni Green, reinforcing the relationship between academic spaces and the broader campus environment.

The second and third floors will be fully renovated for the Business and Mathematics Programs. Classrooms, computer labs, and faculty offices will be updated and expanded based on anticipated enrollment growth. A front door and community space for each program will be strategically located on each floor to ensure clear wayfinding and an immediate sense of belonging upon arrival. Additional support space, such as work rooms and toilet rooms, will be provided in each floor.

Master Plan Guiding Principles

- ● Students First
- ● Enhance Equitable Access and Belonging
- ● Build Community, Engagement, and Connectivity
- ● Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- ○ Reimagine the Newburgh Campus

Project Details

Renovation Area

- Phase One: 4,692 GSF
- Phase Two: 50,308 GSF

Estimate of Probable Cost

- Phase One: $2,594,700
- Phase Two: $27,393,700

Project Timeline

- Phase One: 2025 - 2026
- Phase Two: 2030 - 2033

Enabling Projects

- Orange Hall Renovations

Swing Space Needs

Phase Two

- Business Classrooms and Support Space
- Business Faculty Offices
- Mathematics Classrooms and Support Space
- Mathematics Faculty Offices

Move Out

- Art Studios and Support Space
- New Media Studios and Support Space
- New Media Faculty Offices
- SUNY Orange+

Move In

- General Classrooms
- Computer Science Labs and Support Space
- Computer Science Faculty Offices

Scope of Work

Architectural Systems

- Replace curtainwall system
- Upgrade Interior finishes
- Upgrade signage and wayfinding

Mechanical Systems

- Provide a new VRF system with indoor fan coil units and a rooftop DOAS ventilation system with DX cooling and gas heat to serve the area of the first floor that will be renovated in Phase One. This system will allow for standalone operation while the remainder of the building is renovated in Phase Two.
- Install new rooftop air handling equipment with DX cooling and hot water heat for the remaining areas of the first floor, as well as the entire second and third floors. Provide VAV with hot water reheat systems for classrooms and support spaces.
- Provide a new boiler plant, replacing the existing boiler plant in the same location. Phase 1 spaces will not rely on hot water, and sequenced demolition is not necessary.
- All new systems, including new air handling units and VAV boxes, will contain direct digital controls (DDC).

Electrical Systems

- Replace the original switchgear with new switchgear. Due to the building being partially occupied during the renovation, a temporary generator will be needed.
- Provide new lighting and lighting controls, as well as power, data, and special system devices throughout the building.
- Provide a new digital addressable fire alarm system throughout the building, including initiation and notification devices. The new system will be installed in Phase One.

Plumbing Systems

- Replace plumbing fixtures throughout the building.
- Address drainage upgrades and repairs in conjunction with the renovation.

Fire Protection Systems

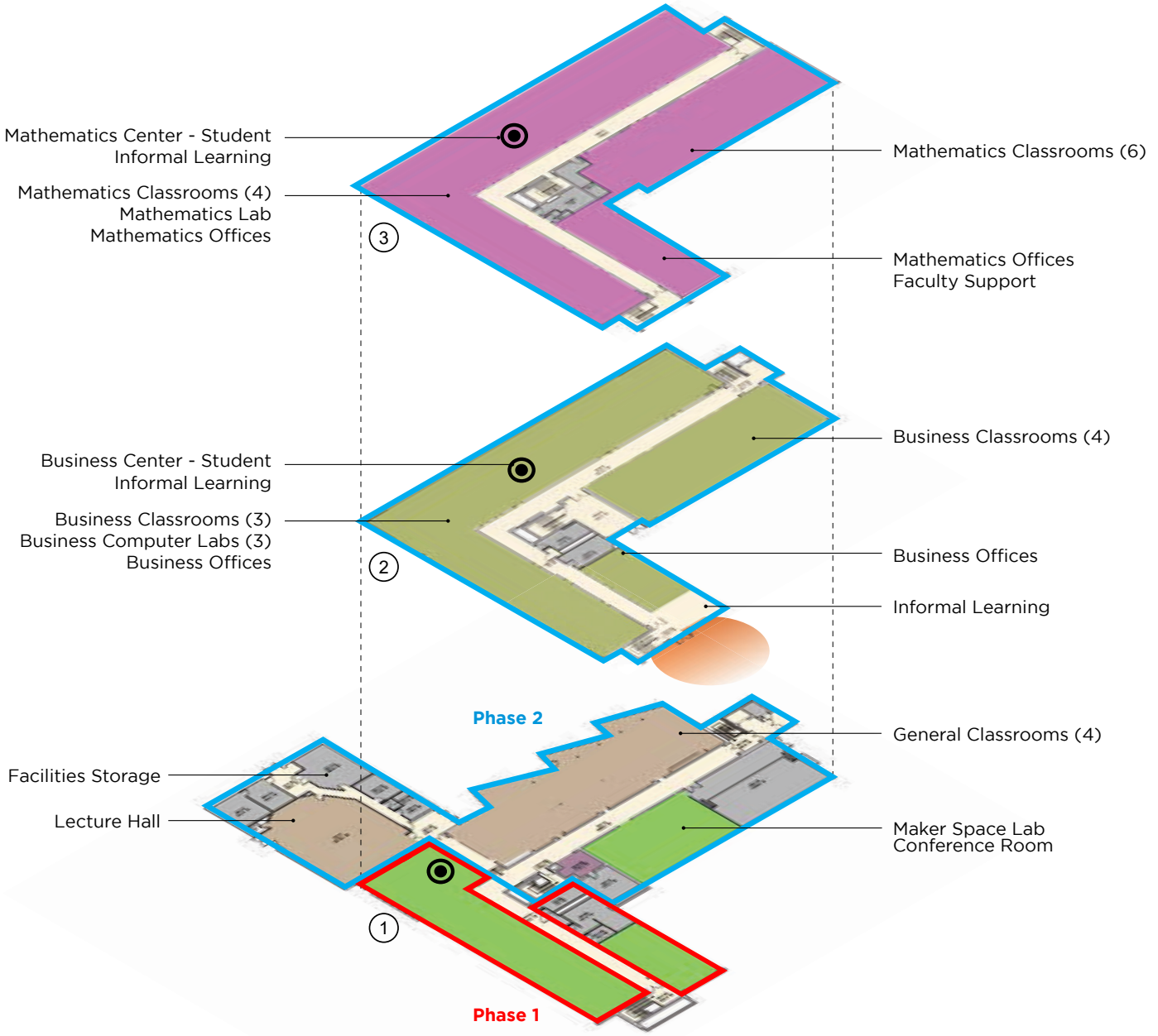
- Provide a new fire protection system throughout the building, beginning in Phase One. Install separate fire protection service entrance and provide tap for future expansion of system for Phase Two. The system installed in Phase One will be sized and calculated for the completed building.

Capital Plan

If not already completed, the following projects from the six-year capital plan will be included in the renovations:

- Replace roof
- Upgrade drainage system
- Replace rooftop units
- Replace uni-vent
- Upgrade fan coil heater
- Replace HVAC pumps and motors
- Update building management system
- Upgrade door access control system
- Upgrade fire alarm system

Harriman Hall Renovations



Renovated Area

- Business
- Computer Science and Tech.
- General Instruction
- Mathematics
- Student Activities
- Building Services
- Circulation
- Neighborhood Gateway
- Community Front Door

North

Existing Classroom

Active Learning Environment

Physical Education Building Renovations

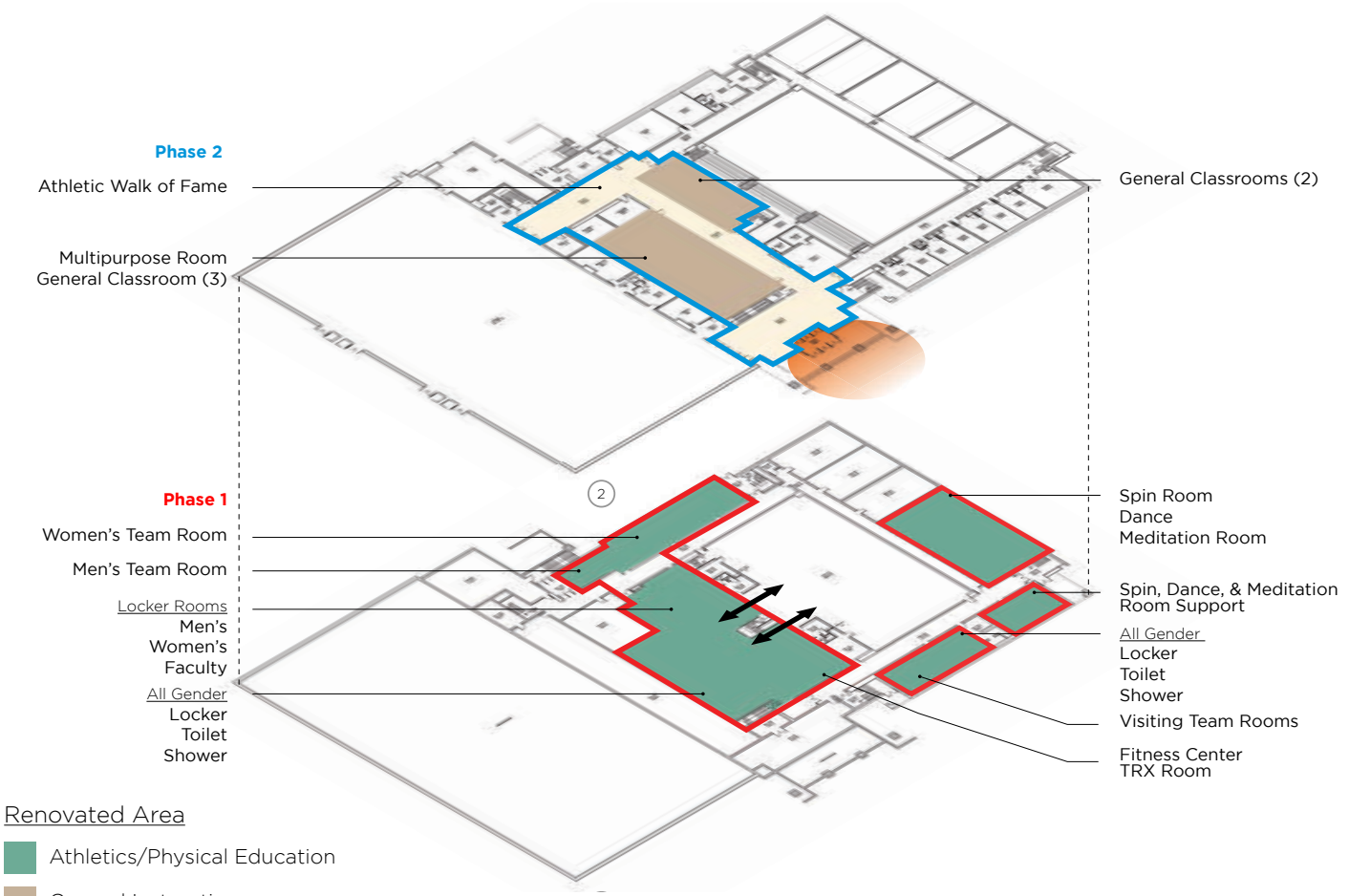
The redesigned entrance plaza and improved street crossing at East Conkling Avenue (page 169) will create a seamless connection between the Physical Education Building and Alumni Green. Proposed site and building improvements will improve accessibility, provide greater visibility for athletic programs, and enhance the role of the building as the hub for health and wellness within the *Fitness and Family Neighborhood*.

Upon arrival, students and visitors will enter a revitalized lobby designed to showcase SUNY Orange athletes. A large, flexible multipurpose room with a glass front will be located adjacent to the lobby and will accommodate a wide range of activities and events. This highly visible space will feature an Athletic Hall of Fame that honors the achievements of SUNY Orange Athletics

To accommodate the multipurpose room, the spin room and dance studio will be relocated to underutilized racquetball courts on the first floor. A third racquetball court will be transformed into a meditation room, offering students and faculty a dedicated space for mindfulness, relaxation, and stress reduction.

The general and faculty locker rooms on the first floor will be updated, reconfigured, and right-sized to ensure that all users have appropriate space with direct access to the pool deck. New varsity team rooms for home and visiting teams will be created in the former women's faculty and varsity locker rooms.

These enhancements will transform the building into a welcoming, student-centered facility that celebrates the college's commitment to athletic excellence.



Renovated Area

- Athletics/Physical Education
- General Instruction
- Circulation
- Neighborhood Gateway

North

Master Plan Guiding Principles

- Students First
- Enhance Equitable Access and Belonging
- Build Community, Engagement, and Connectivity
- Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- Reimagine the Newburgh Campus

Project Details

Renovation Area

- Phase One: 12,913 GSF
- Phase Two: 9,141 GSF

Estimate of Probable Cost

- Phase One: $9,588,000
- Phase Two: $4,627,700

Project Timeline: Long-Range

Enabling Projects

NONE

Swing Space Needs

- General Locker Rooms
- Team Locker Rooms

Move Out

NONE

Move In

- General Classrooms
- Multipurpose Room (NEW)
- Meditation Room (NEW)

Scope of Work

Architectural Systems

- Upgrade interior finishes
- Update locker rooms
- Upgrade signage and wayfinding

Mechanical Systems

- Provide new rooftop equipment to serve renovated areas. It is assumed that all new spaces will require new mechanical systems.

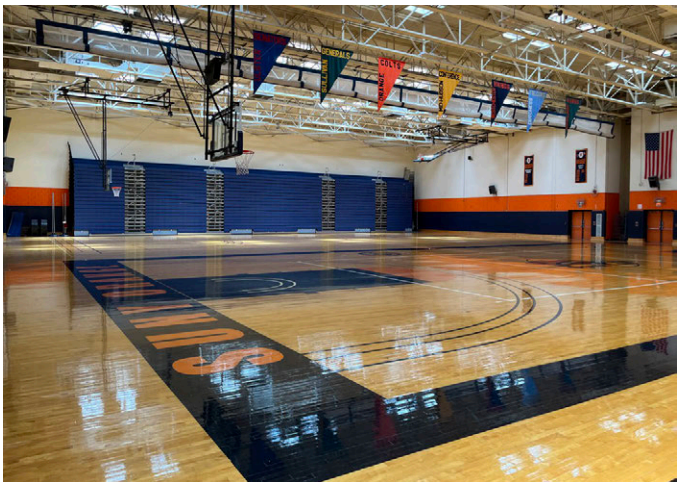
Electrical Systems

- Provide new lighting and lighting controls, as well as power, data, and special system devices in renovated area.

Plumbing Systems

- Provide new plumbing fixtures in locker rooms and team rooms.
- Install new domestic hot water heaters to support additional showers in locker rooms.
- Provide new domestic hot, cold, and drainage piping for new locker rooms and team rooms.

Existing Lobby



Existing Gymnasium

Harriman Hall/Physical Education Building Site Improvements

As part of the Harriman Hall Renovations, a new entrance plaza will be created on Alumni Green. The plaza will have a visual and physical connection to the new informal learning space inside the building. Seat walls, pavement patterns, and landscaping will be consistent with other campus gateways to reinforce the campus identity.

The entry plaza in front of the Physical Education Building will be redesigned to create a stronger pedestrian presence on East Conkling Avenue and greater visibility to passing cars. Improvements will be designed to prioritize crossings, accessibility, and campus connectivity. Raised crosswalks, streetscape elements, and decorative pavements will be installed to calm vehicular traffic speeds and provide more visible pathways for pedestrians. Streetscape improvements will signal that vehicles have entered a pedestrian-first zone, helping to ensure that students, faculty, and visitors can move through the space with confidence.

The estimated cost of this work, including soft costs, is $672,000. The scope of work includes the following:

- Gateway Plaza on Alumni Green
- Entry Plazas at Harriman Hall and PE Building
- Traffic Calming Devices and Raised Crosswalks
- Improved Lighting
- Banners with Campus and Neighborhood Branding
- Wayfinding Signage
- Updated Furnishings
- Low Maintenance Native Plantings

Harriman Hall/Physical Education Building Site Improvements

New Facilities Building

This master plan recommends giving Horton Hall, a remnant of the original estate, back to students (page 173). The building currently houses office and support space for Facilities, as well as the Safety and Security Office. To facilitate the transformation of Horton Hall, Facilities will be relocated to a new 5,000 GSF building on the south side of campus. The Christine Morrison House will be demolished and a purpose-built facility will be constructed in a prime location for campus operations. The new building will include office space, storage space, and a dedicated parking lot with direct access to South and Bennett Streets to ensure a strong connection to the campus network.

Master Plan Guiding Principles

- [x] Students First
- [ ] Enhance Equitable Access and Belonging
- [ ] Build Community, Engagement, and Connectivity
- [x] Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- [ ] Reimagine the Newburgh Campus

Project Details

New Construction: 5,000 GSF
Estimate of Probable Cost: $3,037,500
Project Timeline: Long-Range

Enabling Projects

- Demolish Christine Morrison House

Swing Space Needs

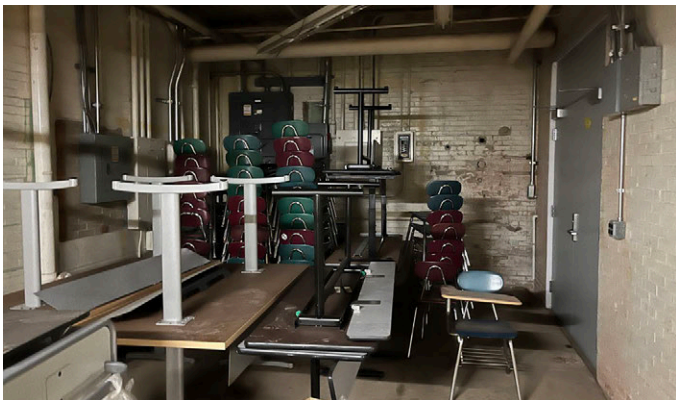
NONE

Move Out

NONE

Move In

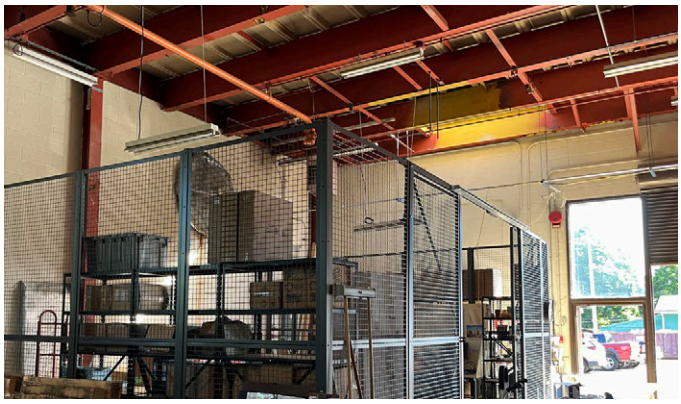
- Facilities



Chair Storage to Remain in Horton Hall

Garage to Remain in Horton Hall

Storage to Remain in Horton Hall



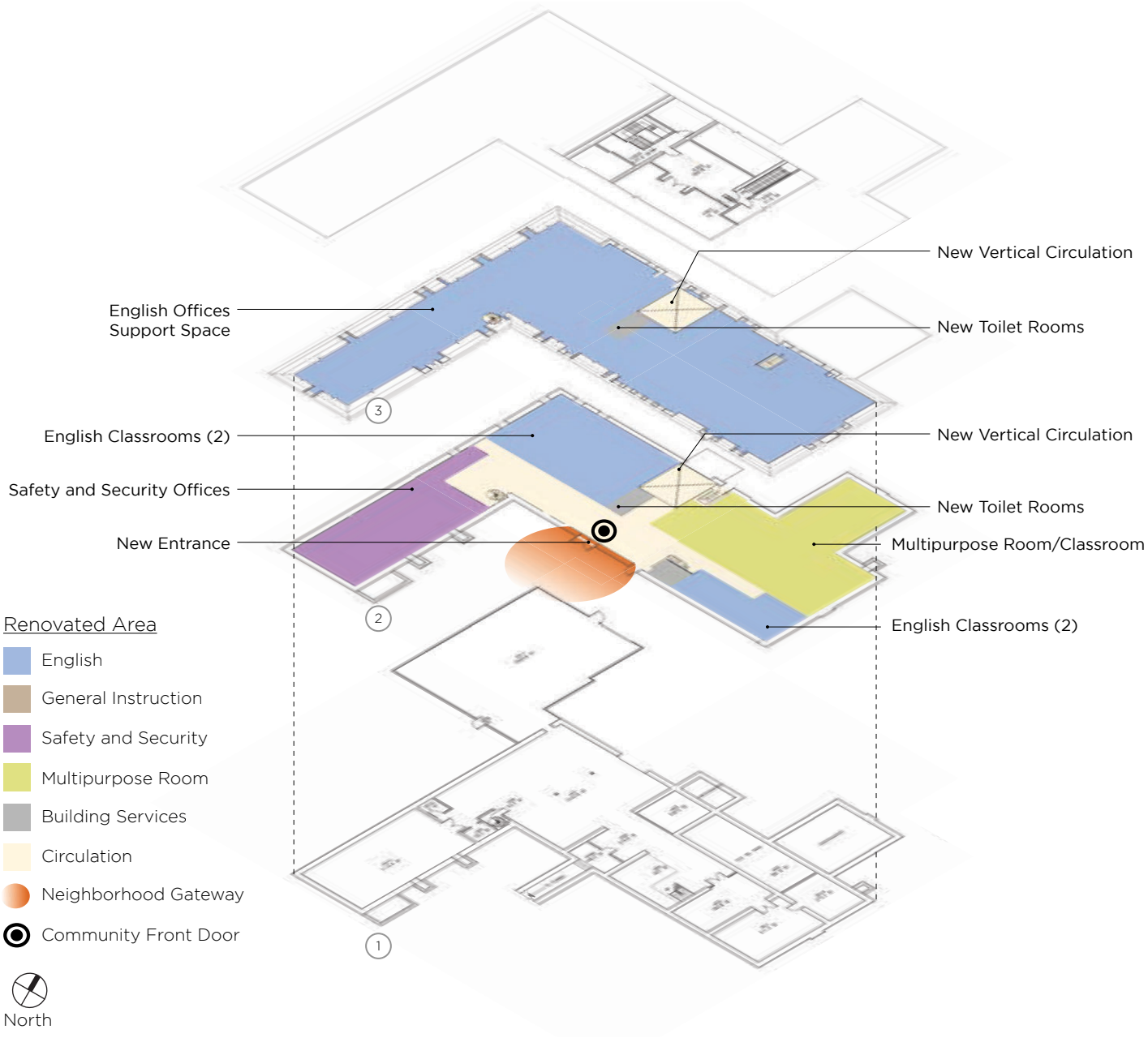
Storage to Remain in Horton Hall

Horton Hall Renovations

Horton Hall is an important part of the historic campus core. Originally a carriage house, it will be restored as an academic building and fully renovated as the new home of the English Department. The renovated building will provide the department with a distinct identity in a prominent location on campus.

The first floor will serve as a front door and gateway to the *Arts and Culture Neighborhood* that connects Horton Hall to the larger campus network. The renovated building will include classrooms, faculty offices, and support space for the English Department, as well as a multipurpose room for campus and community events. This large, flexible space will highlight the historic features of the building, such as the fireplace and carriage wheel. A new elevator and central stair will provide a direct route from the main entrance to faculty offices on the second floor.

Safety and Security will be renovated in place, with right-sized offices and support space. The lower level and attached garage will continue to accommodate the needs of the Facilities Department. This balanced approach of renovating, reconfiguring, and maintaining space allows for the preservation of essential campus operations while unlocking the academic potential of Horton Hall.



Master Plan Guiding Principles

- [x] Students First
- [x] Enhance Equitable Access and Belonging
- [x] Build Community, Engagement, and Connectivity
- [x] Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- [ ] Reimagine the Newburgh Campus

Project Details

Renovation Area: 13,404 GSF
Estimate of Probable Cost: $9,047,700
Project Timeline: Long-Range

Enabling Projects

- New Facilities Building

Swing Space Needs

- Safety and Security

Move Out

- Facilities Offices and Support Space
- Facilities Storage

Move In

- English Classrooms
- English Faculty Offices
- Multi-Purpose Room (NEW)

Scope of Work

Architectural Systems

- Resolve drainage issues
- Replace windows
- Upgrade interior finishes
- Upgrade signage and wayfinding

Mechanical Systems

- Provide a new indoor DOAS unit for ventilation on the first floor and a VRF system with an outdoor heat recovery heat pump unit and indoor fan coil units in the renovated area.

Electrical Systems

- Provide new lighting and lighting controls, as well as power, data, and special system devices in renovated area.
- Provide new electrical feeder for new elevator.

Plumbing Systems

- Replace plumbing fixtures throughout the building.
- Provide new domestic hot and cold water piping throughout the building.
- Replace deteriorating domestic and drainage piping in renovated area.

Fire Protection Systems

- Provide new sprinkler heads in renovated area.

Capital Plan

If not already completed, the following projects from the six-year capital plan will be included in the renovations:

- Replace HVAC pumps and motors
- Update building management system
- Upgrade door access control system
- Upgrade fire alarm system

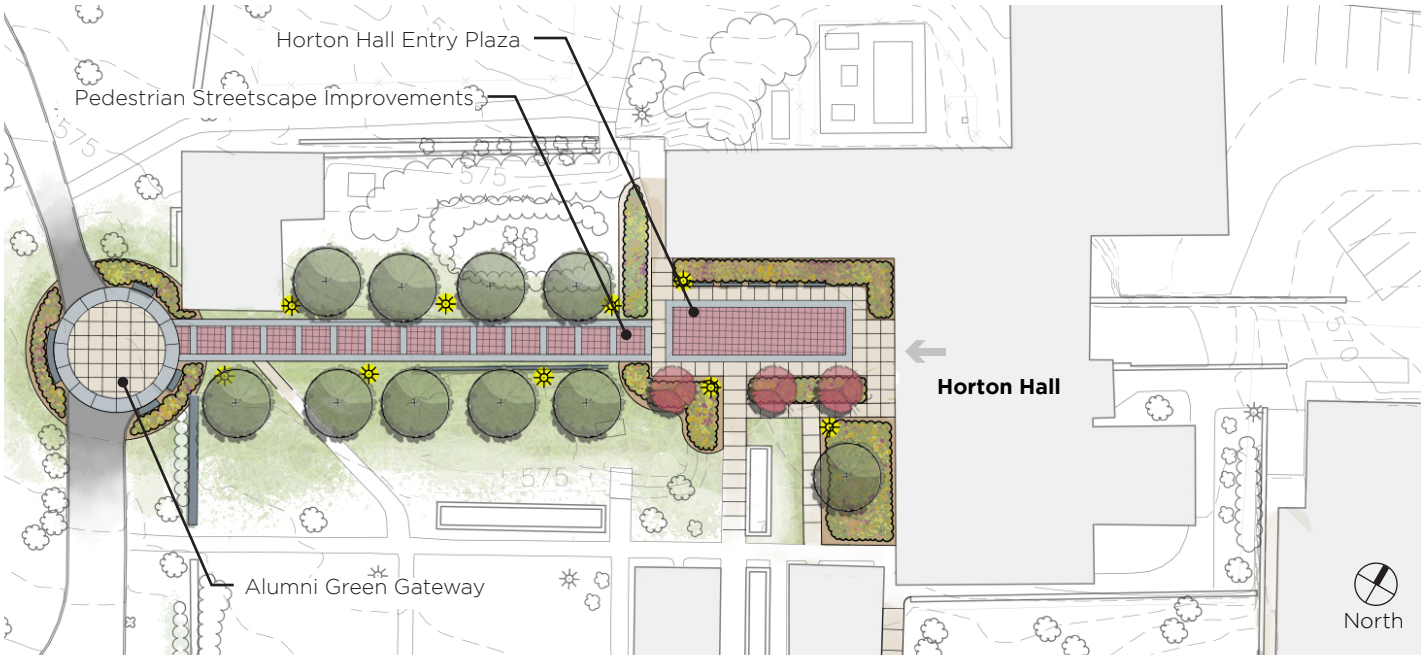
Horton Hall Site Improvements

As part of the renovations, a new pedestrian approach will be created that transforms the area around Horton Hall into a formal entry plaza and gateway point on Alumni Green.

New furnishings, wayfinding signage, and campus branding will be provided to celebrate the *Arts and Culture Neighborhood*. Pavement patterns and native plantings will provide direct lines of sight to the new building entrance.

The estimated cost of this work, including soft costs, is $750,000. The scope of work includes the following:

- Reconfigured Pedestrian Promenade
- Gateway Plaza on Alumni Green
- Entry Plaza at Horton Hall
- Improved Lighting
- Banners with Campus and Neighborhood Branding
- Wayfinding Signage
- Updated Furnishings
- Low Maintenance Native Plantings



Horton Hall Site Improvements

Existing Entry Plaza

Morrison Hall Office Reassignments

The upper floors of Morrison Hall are currently vacant due to recent building envelope improvements. As part of the master plan, office space on the third floor will be reassigned for the Associate Vice Presidents currently located in the Library. This move will consolidate administrative staff, streamline campus operations, and enable the proposed renovations to the second floor of the Library.

The first floor will be activated as collaboration and event space that engages students with the history of the College and draws them into the *Heart of Campus*. By inviting the campus community into Morrison Hall, the historic building becomes a destination that fosters connections, encourages collaboration, and helps to build a shared sense of belonging.

Master Plan Guiding Principles

- [x] Students First
- [x] Enhance Equitable Access and Belonging
- [x] Build Community, Engagement, and Connectivity
- [ ] Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- [ ] Reimagine the Newburgh Campus

Project Details

Office Reassignment
Estimate of Probable Cost: N/A
Project Timeline: Long-Range

Enabling Projects

NONE

Swing Space Needs

NONE

Move Out

- Honors Program

Move In

- Associate Vice President Offices

Existing First Floor Meeting Room

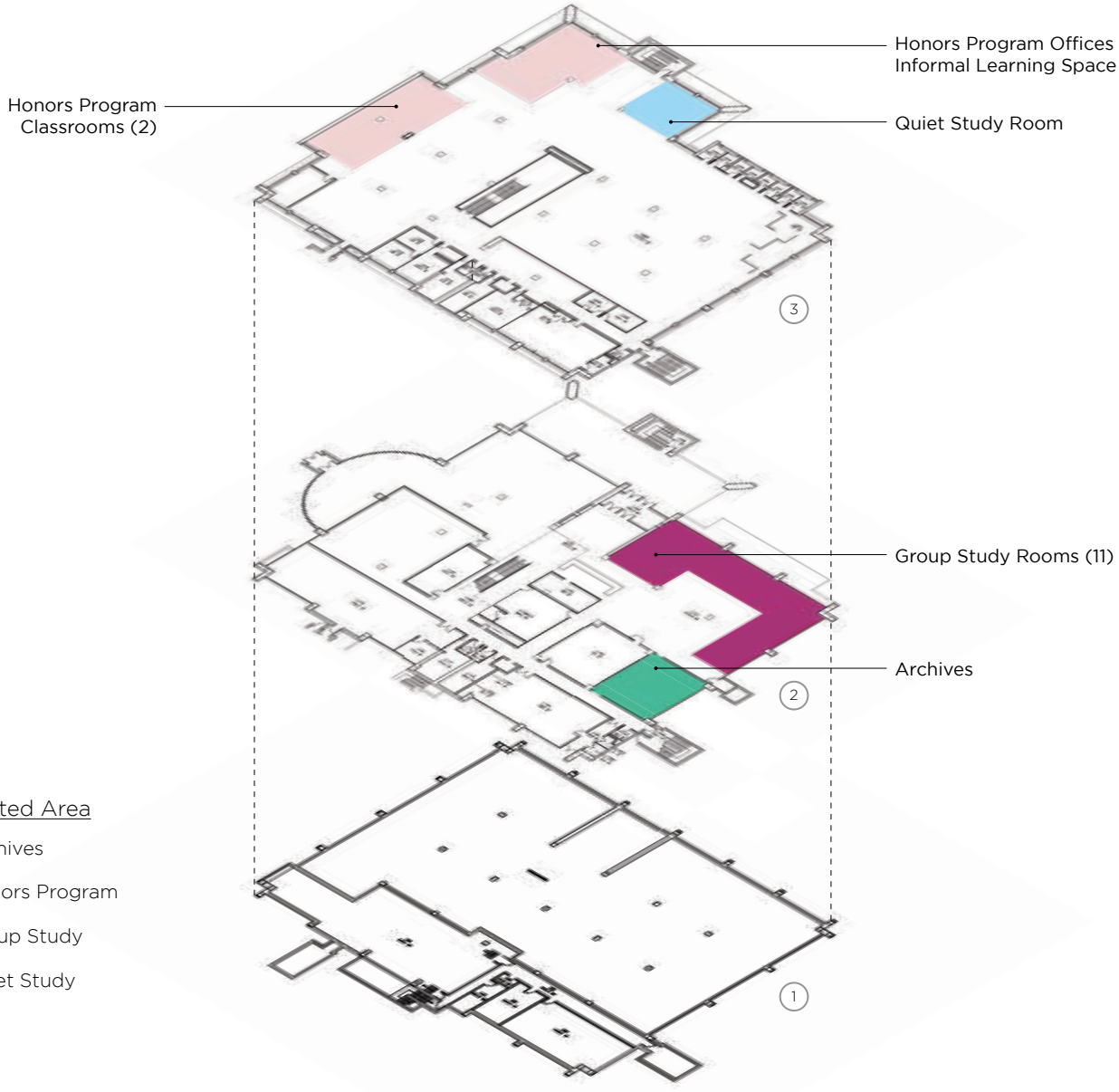
Library Renovations

The Library offers a wide range of resources that are critical to student success and plays a pivotal role in the *Heart of Campus*. Space on the third floor currently occupied by the Associate Vice Presidents will be repurposed for the Honors Program. The new space will establish a home for the program in a central location that supports its unique academic and extracurricular needs.

The upper floors of the Library will be reconfigured to provide distinct zones for a variety of learning styles. The third floor will be designated as a "quiet zone," creating an environment for independent study and tutoring. This space will ensure that students seeking a focused academic setting have the resources they need to succeed.

The second floor will be transformed into a collaborative zone that features group study rooms that encourages teamwork. This dynamic learning environment will provide space for students working on projects and engaging in discussions.

As part of the work, the College Archives will be relocated to a space on the second floor equipped with appropriate environmental and security systems to ensure the long-term preservation of historical materials. This move will also enhance public access to the archival collections, making them more readily available for research.



Master Plan Guiding Principles

- ● Students First
- ● Enhance Equitable Access and Belonging
- ● Build Community, Engagement, and Connectivity
- ● Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- ○ Reimagine the Newburgh Campus

Project Details

Renovation Area: 6,825 GSF
Estimate of Probable Cost: $2,634,600
Project Timeline: Long-Range

Enabling Projects

- Morrison Hall Office Reassignment

Swing Space Needs

NONE

Move Out

- Associate Vice President Offices

Move In

- Honors Program
- Group Study Rooms (NEW)

Scope of Work

Architectural Systems

- Upgrade interior finishes
- Upgrade signage and wayfinding

Mechanical Systems

- Due to the limited nature of the proposed renovations, a full AHU replacement/rebuild and boiler replacement is not included in the scope of work. A smaller VRF system will be installed to address zone conditioning in the new group study rooms. The existing AHU will continue to serve general ventilation and conditioning.

Electrical Systems

- As part of the work, the original electrical switchgear will be replaced. Although the scope of this work may be disproportionate to the remainder of the renovation, the age of the switchgear warrants proactive replacement to prevent unexpected failure.
- Provide new lighting and lighting controls, as well as power, data, and special system devices in renovated area.

Existing Tutoring Center

Existing Study Carrels

Shepard Student Center Renovations

As part of the master plan recommendations, the Shepard Student Center will be renovated to improve utilization and provide updated space for student services. The proposed renovations will transform the building into a student-centered environment that appeals to prospective students, improves service delivery, and strengthens the sense of belonging at SUNY Orange.

To maximize the investment that the College recently made in the student activity space, Student Involvement and Pathways Offices will be relocated to the first floor. A dedicated space for E-Sports will be created to boost student engagement and encourage students to remain on campus after class.

The bookstore will be relocated to the first floor (adjacent to the loading dock) to provide adequate space on the second floor for Admissions and Student Services. The renovations will includes a new lobby and storefront to create a welcoming retail experience for students and visitors.

The second floor will be renovated for essential student services. An addition on the north side of the building will make a strong first impression on prospective students and their families. The large, flexible multipurpose room will support recruitment efforts, orientation sessions, and campus events.

Whether entering the building through the original entrance or the new addition, students will arrive at the *Heart of Student Services*. The Welcome Center, Admissions Center, One-Stop Center, Student Accounts, and SUNY Orange+ Offices will be visible and easily accessible from the main lobby. The Fireside Lounge will be preserved as a warm, inviting space that provides students with a comfortable and familiar environment to relax and meet with friends.

The One-Stop Center will continue to serve as the primary entry point for student services. For students requiring additional support or a more personalized approach, advising and counseling services will be available on the third floor. Financial Aid, Academic Advising, and other student-facing departments will be consolidated on the north side of the building, providing convenient access for students. Administrative offices, such as the Registrar and Comptroller, will be located on the south side.

Master Plan Guiding Principles

- ● Students First
- ● Enhance Equitable Access and Belonging
- ● Build Community, Engagement, and Connectivity
- ● Optimize Spaces and Modernize Facilities for Excellence, Innovation, and Creativity
- ○ Reimagine the Newburgh Campus

Project Details

Renovation Area: 50,513 GSF
New Construction: 5,428 GSF
Estimate of Probable Cost: $31,068,200
Project Timeline: Long-Range

Enabling Projects

NONE

Swing Space Needs

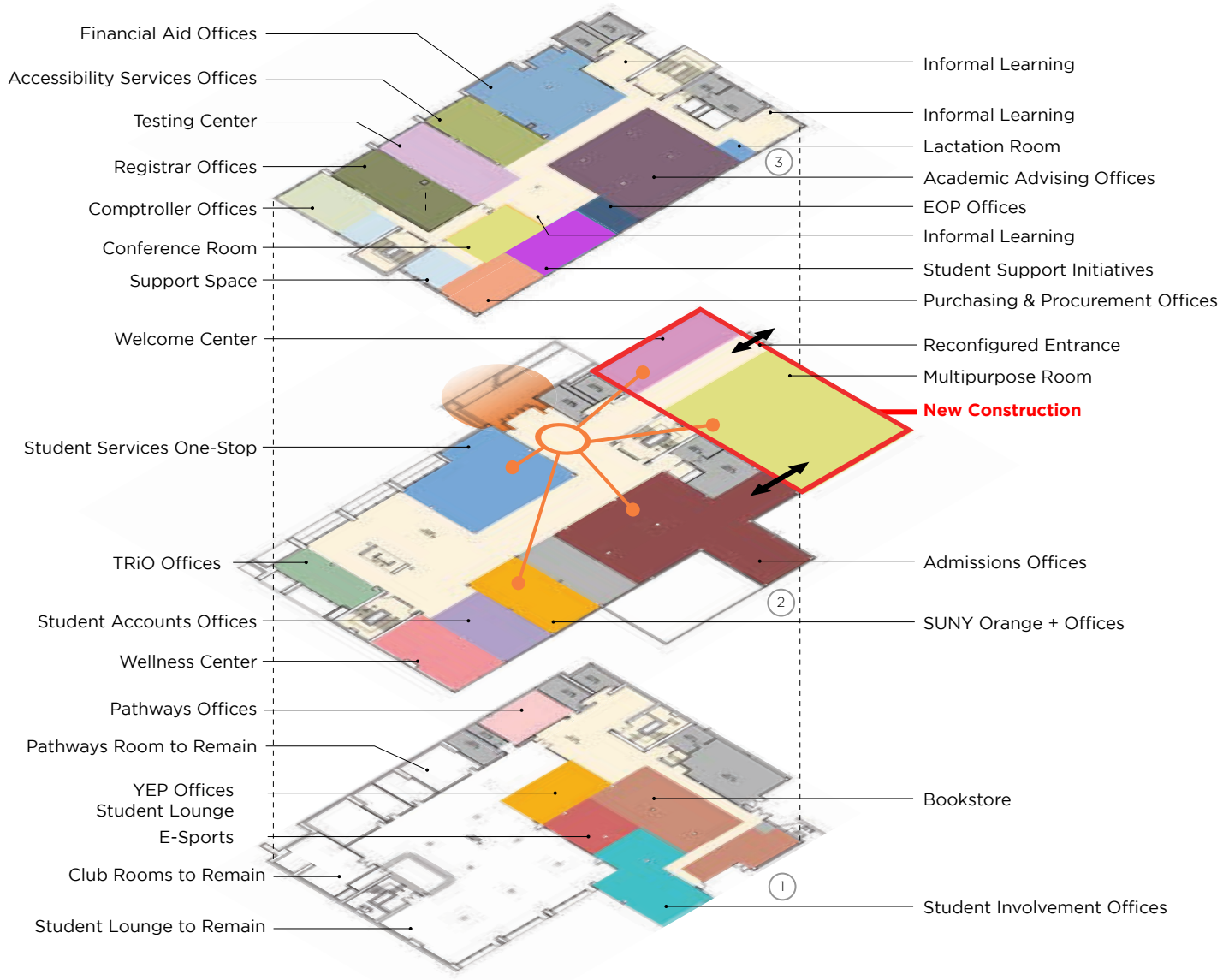
- Academic Advising Offices
- Accessibility Services Offices and Testing
- Admissions Offices
- Bookstore
- EOP Offices
- Financial Aid Offices
- Pathways Offices
- Registrar Offices
- Student Life Offices
- Student Services One-Stop Center
- Student Support Initiatives
- TRiO Offices
- Wellness Center

Move Out

NONE

Move In

- E-Sports (NEW)
- Comptroller Offices
- Purchasing Offices
- Student Accounts Offices
- SUNY Orange+



Renovated Area

- Academic Advising
- Accessibility Services
- Admissions
- Bookstore
- Comptroller
- EOP
- E-Sports
- Financial Aid
- Pathways
- Purchasing & Procurement
- Registrar
- Multipurpose Room
- Student Accounts
- Student Involvement
- Student Services
- Student Support Initiatives
- SUNY Orange+
- Shared Support
- Testing
- TRiO
- Welcome Center
- Wellness Center
- Building Services
- Circulation
- Neighborhood Gateway

North

Shepard Student Center Renovations

Scope of Work

Architectural Systems

- Replace windows
- Upgrade interior finishes
- Upgrade signage and wayfinding

Mechanical Systems

- Provide new rooftop air handling equipment for the addition and rezone some of the recently replaced units to serve the renovated area.
- Replace cooling tower to support the recently replaced chiller.

Electrical Systems

- As part of the work, the original electrical switchgear will be replaced. Although the scope of this work may be disproportionate to the remainder of the renovation, the age of the switchgear warrants proactive replacement to prevent unexpected failure.
- Provide new lighting and lighting controls, as well as power, data, and special system devices in renovated area.

Plumbing Systems

- Replace plumbing fixtures throughout the building.
- Address hot water loop issues in renovated area.
- Replace sanitary ejector pump.

Fire Protection Systems

- Provide a new fire protection system throughout the building.

Capital Plan

If not already completed, the following projects from the six-year capital plan will be included in the renovations:

- Replace roof
- Replace HVAC pumps and motors
- Update building management system
- Upgrade door access control system
- Upgrade fire alarm system

Existing Student Activity Space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Shepard Student Center Site Improvements

Site improvements at the Shepard Student Center include a redesigned front entry plaza with updated pavements and plantings. New flagpoles and campus branding will help strengthen the presence along South Street. All crosswalks located will be updated with pavers to calm traffic and improve pedestrian crossings.

The ramp on the west side of the building will be removed and the new entry plaza on Bennett Street will serve as the accessible entrance. Accessible parking will be available in adjacent Parking Lot 5.

An outdoor gathering space will be created on the south side of the building adjacent to the recently renovated student activity space. It will provide a comfortable, shaded environment for collaboration, recreation, and relaxation. An area in the space will be designated for food delivery, providing a convenient location for students to pick-up their orders.

The estimated cost of this work, including soft costs, is $864,000. The scope of work includes the following:

- Improved Entry Plaza on South Street
- New Entry Plaza and Accessible Parking Area on Bennett Street
- New Outdoor Gathering Space
- Traffic Calming Devices and Raised Crosswalks
- Improved Lighting
- Banners with Campus and Neighborhood Branding
- Wayfinding Signage
- Updated Furnishings
- Low Maintenance Native Plantings

Shepard Student Center Site Improvements

Facilities Maintenance Projects

In order to maximize resources and avoid stranding investment, facilities maintenance projects have been "rolled up" into larger master plan projects. The following projects, however, will not be not addressed because they fall outside the scope of work and/or renovation area defined by the master plan. An annual allowance has been established for site improvements and facilities maintenance projects in Kaplan Hall, Orange Hall, Hudson Hall, Morrison Hall, the Physical Education Center, the Library, and the Rowley Center for Science and Engineering.

The site plans on the following pages show recommended pavement improvements, plant maintenance, traffic calming, signage, and open space enhancements. Recommendations not addressed by master plan projects should be completed as part of the annual allowance for facilities maintenance projects.

Kaplan Hall

- Replace Roof
- Exterior Envelope Improvements
- Replace Interior Finishes
- Replace HVAC Pumps and Motors
- Upgrade Sprinkler System (Garage)
- Upgrade Door Access Control System

Hudson Hall (Unrenovated Area)

- Update Lighting to LED

Orange Hall (Unrenovated Area)

- Replace Curtainwall System
- Replace Interior Finishes
- Replace Theater Seating
- Replace Sanitary Piping
- Update Lighting to LED
- Upgrade Signage and Wayfinding

Morrison Hall

- Replace Windows
- Install Snow Melt System
- Replace Interior Finishes
- Replace HVAC Pumps and Motors
- Update Building Management System
- Update Lighting to LED
- Upgrade Door Access Control System
- Upgrade Fire Alarm System

Morrison Lab School

- Replace HVAC Pumps and Motors
- Update Building Management System
- Upgrade Door Access Control System
- Upgrade Fire Alarm System
- Upgrade Sprinkler System

Physical Education Center

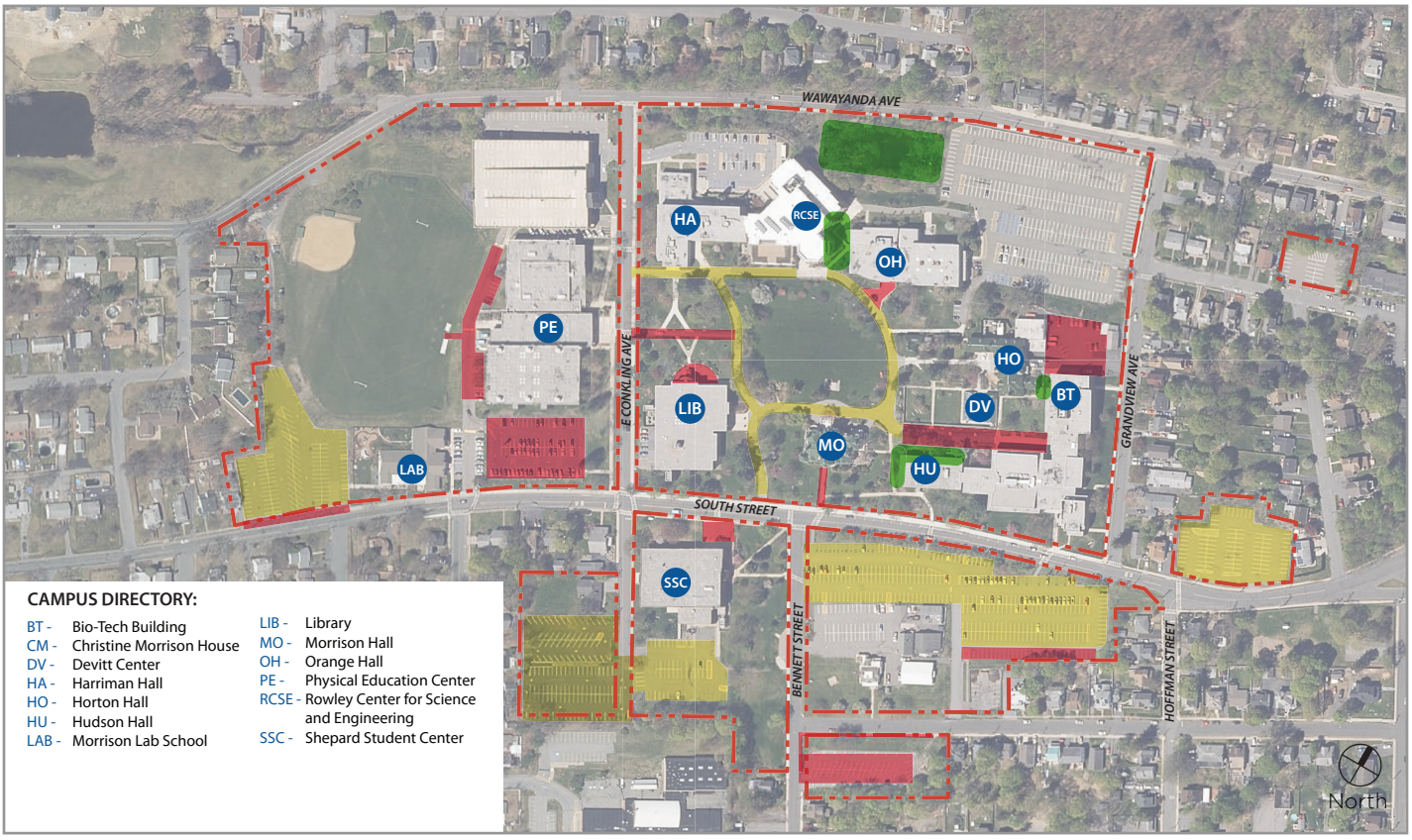
- Replace Roof
- Replace Windows
- Exterior Envelope Improvements
- Replace Interior Finishes
- Replace HVAC Equipment, Pumps, and Motors
- Replace Chemical Filter System for Pool
- Update Building Management System
- Replace Switchgear
- Update Lighting to LED
- Upgrade Door Access Control System
- Upgrade Fire Alarm System

Library

- Replace Roof
- Replace Windows
- Exterior Envelope Improvements
- Replace Interior Finishes
- Renovate Toilet Rooms
- Replace HVAC Equipment, Pumps, and Motors
- Update Building Management System
- Update Lighting to LED
- Upgrade Door Access Control System
- Upgrade Fire Alarm System

Rowley Center for Science and Engineering

- Install Additional Fume Hoods
- Exterior Envelope Improvements
- Replace Interior Finishes
- Replace HVAC Pumps and Motors
- Update Building Management System
- Upgrade Door Access Control System
- Upgrade Fire Alarm System



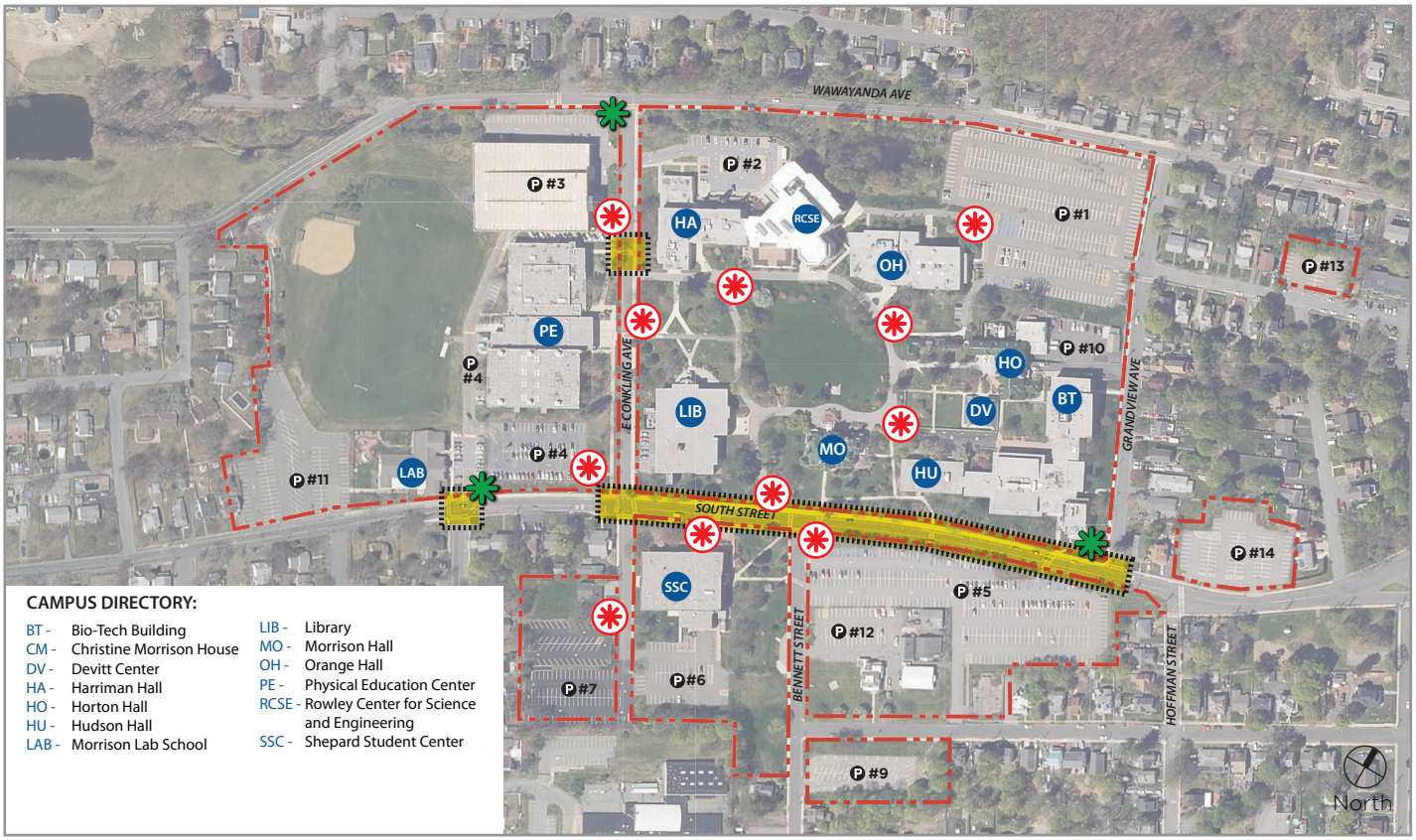
Pavement in Fair Condition - Monitor for Replacement

Pavement in Poor Condition - ADA Noncompliance

Manage Plantings / Remove Invasive

Pavement Improvements

Facilities Maintenance Projects



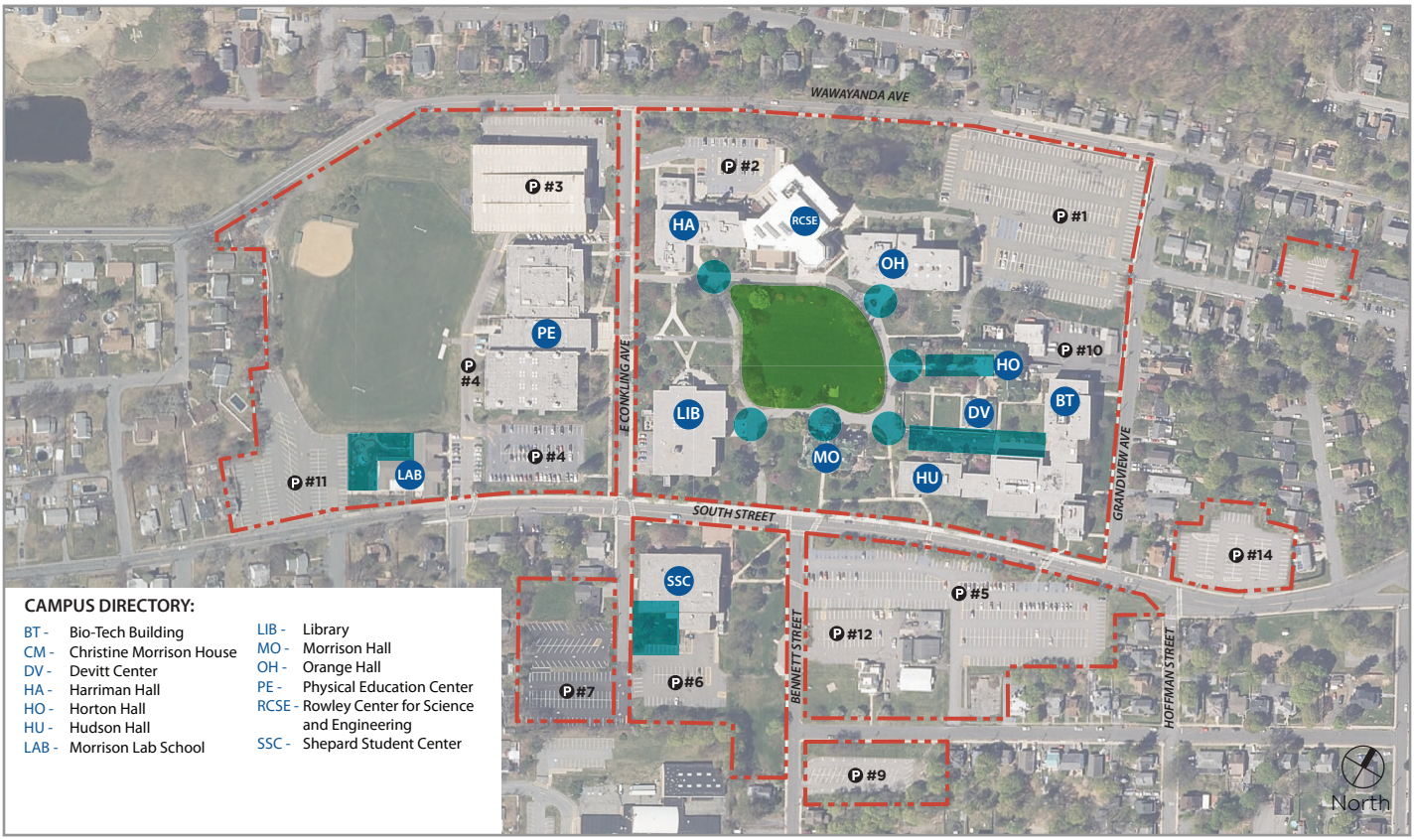
Improved Crosswalks and Traffic Calming Improvements

Existing Campus Identification Signage

Proposed Wayfinding Signage / Pedestrian and Campus Directory

Property Line

Campus Identification Signage



Reconfigure / Improve Exterior Open Space to Accommodate Flexible Programmatic Needs

Maintain Alumni Green as Iconic Open Space and Orientation Device

Outdoor Gathering Spaces

Master Plan Matrix

The master plan matrix (below) was developed to provide a summary of how the recommendations will support the broader goals of the Facilities Master Plan. It shows how each proposed project will improve building systems; address accessibility issues; enhance the functionality and utilization of existing space; support the academic communities; and advance the master plan guiding principles. This tool allows stakeholders to easily understand how proposed improvements reinforce campus-wide initiatives and support the long-range vision of SUNY Orange.

Campus	Building	Building Improvements				Academic Communities								Master Plan Guiding Principles				
		Building Systems	Accessibility	Functionality	Utilization	General Classrooms	Arts and Media	Business	Culture, Society, and the Mind	Education and Human Services	Health Sciences and Wellness	Justice and Community Engagement	STEM	Students First	Enhance Equitable Access and Belonging	Building Community, Engagement, and Connectivity	Optimize Spaces and Modernize Facilities	Reimagine the Newburgh Campus
Newburgh	Kaplan Hall			■	■	■					■		■	■	■	■	■	■
Newburgh	Tower Building	■	■	■	■	■	■	■	■	■		■		■	■	■	■	■
Middletown	Hudson Hall	■		■	■	■				■		■		■	■	■	■	
Middletown	Harriman Hall - Phase 1	■		■	■								■	■	■	■	■	
Middletown	Bio-Tech Building	■	■	■	■	■					■			■	■	■	■	
Middletown	Orange Hall	■		■	■	■	■		■					■	■	■	■	
Middletown	Harriman Hall - Phase 2	■	■	■	■	■		■					■	■	■	■	■	
Middletown	Physical Education Center		■	■	■						■			■	■	■	■	
Middletown	Facilities Building		■	■										■			■	
Middletown	Horton Hall	■	■	■	■	■			■					■	■	■	■	
Middletown	Morrison Hall				■									■	■	■		
Middletown	Library			■		■	■	■	■	■	■	■	■	■	■	■	■	
Middletown	Shepard Student Center	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	

Master Plan Matrix

Cost Summary

Recommended improvements were identified as master plan projects or long-range projects based on discussions with the Steering Committee. Long-range projects occur outside the master plan timeline, but could be completed sooner if priorities shift or funding becomes available for a particular project. As indicated in the table below, the total estimated cost of master plan projects is $182,756,200 including an allowance for facilities maintenance projects. Long-range projects will require an additional investment of $61,443,700.

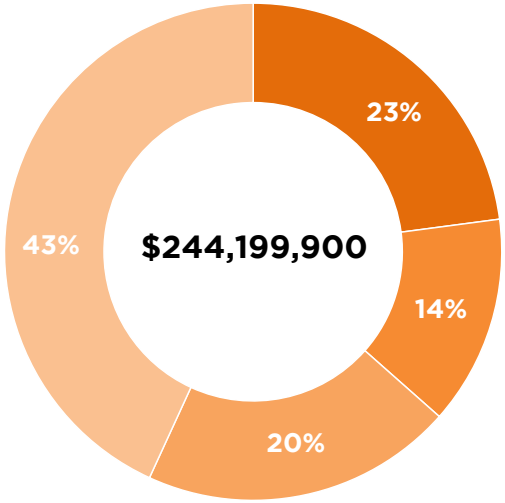
	Construction Costs	Soft Costs	Project Costs
Newburgh Campus			
Kaplan Hall	$1,296,300	$453,800	$1,750,100
Tower Building	$17,872,800	$6,255,600	$24,128,400
Site Improvements	$530,000	$106,000	$636,000
Middletown Campus			
Bio-Tech Building	$53,034,200	$18,562,200	$71,596,400
Harriman Hall	$22,213,600	$7,774,800	$29,988,400
Hudson Hall	$3,106,200	$1,087,200	$4,193,400
Orange Hall	$6,697,400	$2,344,100	$9,041,500
Site Improvements	$1,185,000	$237,000	$1,422,000
Facilities Maintenance Projects	ALLOWANCE		$40,000,000
TOTAL			**$182,756,200**

Master Plan Projects Cost Summary

	Construction Costs	Soft Costs	Project Costs
Middletown Campus			
New Facilities Building	$2,250,000	$787,500	$3,037,500
Horton Hall	$6,702,000	$2,345,700	$9,047,700
Shepard Student Center	$23,013,400	$8,054,800	$31,068,200
Library	$1,951,500	$683,100	$2,634,600
Physical Education Center	$10,530,100	$3,685,600	$14,215,700
Site Improvements	$1,200,000	$240,000	$1,440,000
TOTAL			**$61,443,700**

Long-Range Projects Cost Summary

The Facilities Master Plan was developed side by side with the 2025-2028 Strategic Plan. The two documents support one another and identify shared pathways that will make the campus easier to navigate, more welcoming to students, and more conducive to collaboration. An investment in the master plan is, therefore, an investment in the strategic plan. The graph below shows the percentage of the master plan investment that will go towards advancing each of the four priority areas identified in the strategic plan.



Strategic Plan Investment