



ARCHITECTURAL PROGRAM

Health Sciences Education Complex

Date: 2022 08 22

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Introduction

The purpose of this program is to develop the functional details, considerations and concepts that will define the spatial program for a new health sciences education center (HSEC) in Wichita Kansas. Wichita State University (WSU) and the University of Kansas (KU) propose to build a health sciences complex intended to centralize health care education, collaboration, and research from each institution — including programs in medicine, nursing, physician assistant, pharmacy, physical therapy, communications sciences and disorders, medical laboratory sciences, public health sciences, surgical technology, and short-term health. Students would receive state-of-the-art health care education that will ultimately improve the quality of health and health outcomes for all Kansans.

The proposed facility represents a tremendous economic opportunity for the region. Any city experiencing growth or aspiring to grow, needs this type of facility at its core — a place that builds an interprofessional community around health care students, faculty, and researchers that will nurture and grow a highly trained and proficient health care workforce to serve patients throughout our region and support the prosperity of our state.

With advanced laboratories and clinical research and technology, the health sciences education center would be a high-tech facility that will draw students, educators, and researchers from around the country — attracting talent and resources to the Wichita area and boosting the economic success of Kansas.

Wichita is already a health care hub, but this is an opportunity to improve how we educate health professionals. Within Wichita, both WSU and KU have several strong health science academic programs with proven track records for success. Pooling the collective resources and successes of these institutions on one campus will bring about incredible opportunities for research and collaboration, and it's exciting to think about the subsequent breakthroughs that will be borne from those synergies.

This will not be the first time WSU has built a professional community to inspire research and collaborative problem-solving. Six years ago, Wichita State University converted a 120-acre golf course into the Innovation Campus, which houses almost 50 businesses, thousands of applied learning experiences for students, dozens of state-of-the-art research facilities and hundreds of full-time jobs.

The University of Kansas has been a community-based presence in Wichita since the early 1970s through its schools of medicine and pharmacy. KU collaborates with more than 1,000 volunteer health care providers across the state and key health systems locally to ensure its medical and pharmacy graduates not only meet the health care needs of Kansans but are also prepared to serve as leaders in the business and civic community. In addition, KU benefits the community and state by bringing clinical trials to residents, improving patient outcomes, lowering health care costs through research, and providing care to the underserved.

With the construction of the new health sciences education center Wichita State University and the University of Kansas will be enabled to provide an even more effective means to serve the community, inspire innovation, and promote scholarly activity.

The overall project size for the initial phase of construction is 470,721 gross square feet with a total program including future phases at 533,850 gross square feet. A detailed square footage summary detailing all phases is included in this document.

The projected construction budget for the initial phase of construction is estimated to be \$237M and includes escalation to January 2025. The total project budget for the initial phase is \$302,032,505 which includes the construction number plus soft costs, such as furnishings, equipment, and audio/visual technology. A further breakdown of the cost projection is also included in this document.

Project Goals Summary

Centralize state-of-the-art health care education from multiple and diverse academic institutions. Pooling the collective resources and successes of these institutions will bring about incredible opportunities for research and collaboration.

Build a model health sciences education facility with advanced laboratories, clinical research and technology that will draw students, educators and researchers from around the country.

Grow a highly trained and proficient health care workforce through the creation of an inter-professional community built around health care students, faculty and researchers.

Uncover opportunities to share resources and space to maximize every institution's investment in this effort.

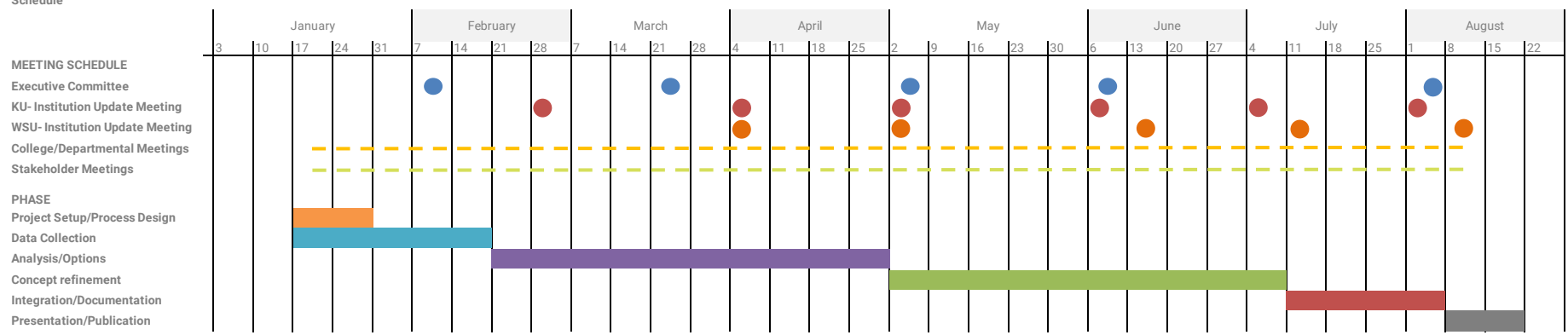
Create a facility that encourages and enables collaboration in educational practice, pedagogy, research and understanding of the role and importance of different health care professions.

Process

This program was built by initially having the planning team tour all existing spaces that were considered candidates for inclusion on the HSEC campus; looking at how they currently function, and spending time with all the different user groups discussing benchmark practices in like and future educational pedagogies and approaches. The planning team visited many site locations throughout the city, assembling photo documentation of each and then translated the visits into floor plans representing the current space and use for each location. The team then created a numerical program that became the foundation and starting point for projecting future change, use and growth for each institution and department. (The existing use plans are available in the appendix of the program.)



Schedule



WICHITA ACADEMIC HEALTH SCIENCES EXISTING LOCATIONS

LEGEND:

- WICHITA STATE UNIVERSITY
- THE UNIVERSITY OF KANSAS

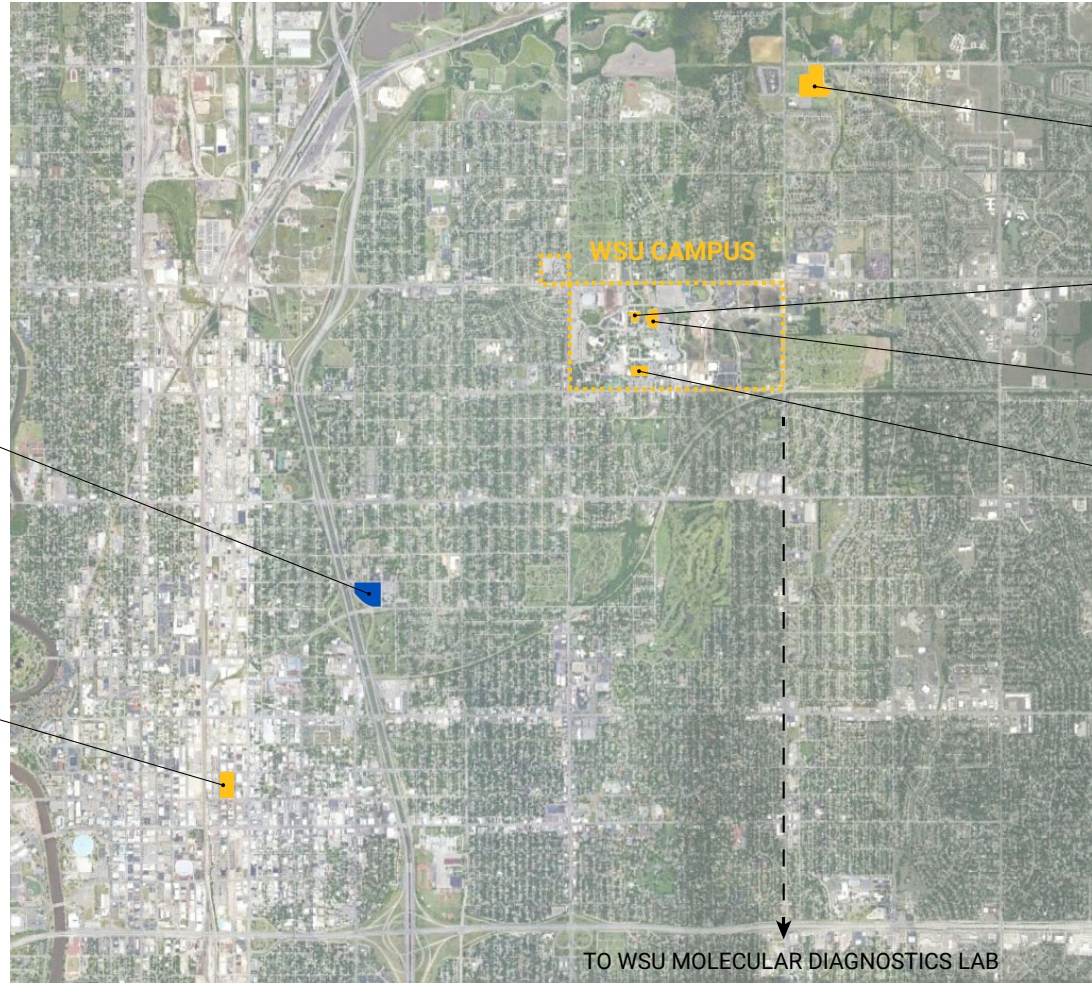
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N

KU SCHOOL OF MEDICINE & SCHOOL OF PHARMACY AT WICHITA

WSU OLD TOWN



EUGENE M. HUGHES METRO COMPLEX

HUBBARD HALL

HESKETT CENTER

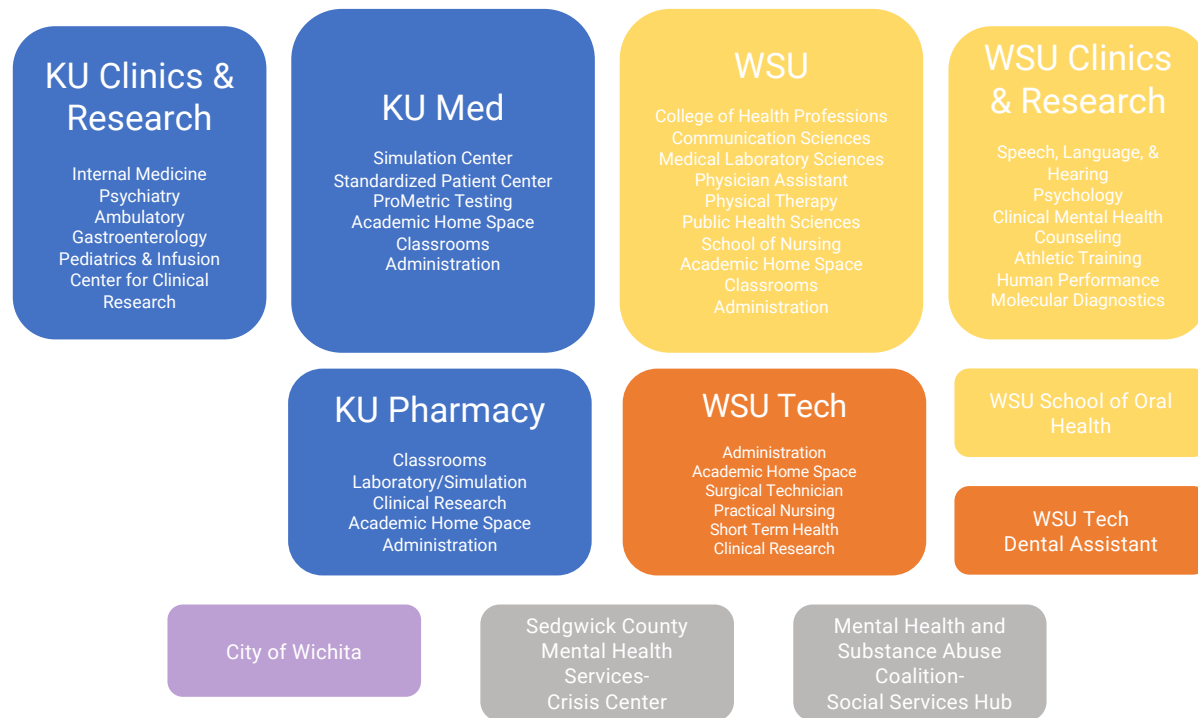
AHLBERG HALL

TO WSU MOLECULAR DIAGNOSTICS LAB

Program Summary

The University of Kansas (“KU”) Schools of Medicine and Pharmacy, Wichita State University (“WSU”), and Wichita State University Tech (“WSU Tech”) are planning to build a new state-of-the-art Healthcare Sciences Educational Center (“HSEC”) located in Wichita, Kansas. The HSEC will provide a centralized campus for students from each institution who intend to become medical professionals, focusing on health care and health professions by combining academic learning and clinical services from all three institutions.

It is hoped that this project will be part of a larger campus or corridor in the city offering health care education, patient services and research opportunity to a broad spectrum of the community. The core institutions included in the program and some potential partners and/or participants in this health care corridor are illustrated in the diagram that follows.



The proposed new facility will bring together medical clinics, mental health counseling, simulation learning environments, health sciences laboratories and research, dental clinics, classrooms, academic homes for each institution, a Prometric Testing Center, and administrative and support spaces for each department. The HSEC will support the institution's innovative spirit with state-of-the-art equipment and technology within classroom environments, research laboratories, clinics, and support spaces. A summary of the overall program follows. A detailed room by room comprehensive program can be found at the end of this report

BUILDING SPACE SUMMARY

	EXISTING	PROPOSED		FUTURE	
	TOTAL ASF	TOTAL ASF	% Change ASF Existing to Proposed	Proposed TOTAL ASF	% Change ASF Existing to Proposed
KU					
Administration	36,388	32,129	-12%		
<i>Academic/Student Affairs</i>	2,360	1,415	-40%		
<i>Dean's Suite</i>	2,638	2,165	-18%		
<i>Family & Community Medicine Admin</i>	3,160	2,485	-21%		
<i>Human Resources Admin</i>	889	705	-21%		
<i>Internal Medicine Admin</i>	3,336	2,535	-24%		
<i>Information Technology</i>	2,696	2,865	6%		
<i>Endowment Association</i>	1,002	1,525	52%		
<i>Office of Research</i>	1,965	1,926	-2%		
<i>Medical Sciences Education Admin</i>	492	440	-11%		
<i>Medical Practice Assoc. Admin</i>	2,904	2,120	-27%		
<i>Population Health Office</i>	5,570	4,380	-21%		
<i>Psychiatry Admin</i>	1,422	1,310	-8%		
<i>Public Affairs Admin</i>	904	915	1%		
<i>Rural Health Admin</i>	2,482	2,105	-15%		
<i>WCGME / GME Admin</i>	1,304	1,385	6%		
<i>Staff/Faculty Support</i>	191	760	298%		
<i>Facilities Services</i>	2,681	2,713	1%		
<i>Building Security</i>	392	380	-3%		
Academic Home	11,564	10,366	-10%		
<i>Gathering Area</i>	1,225	800	-35%		
<i>Student Study/Lounge</i>	4,257	5,856	38%		
<i>Library</i>	4,712	1,260	-73%		
<i>Fitness</i>	956	1,900	99%		
<i>Food Service</i>	414	550	33%		
Classrooms	10,081	10,090	0%		
<i>Large Auditorium</i>	2,295	2,300	0%		
<i>General Classrooms</i>	4,591	4,590	0%		
<i>Conference/Seminar Rooms</i>	3,195	3,200	0%		
Medical Sciences	3,124	3,200	2%		
<i>Home Rooms</i>	3,124	3,200	2%		
Simulation Center	1,574	4,410	180%		
<i>Simulation Center</i>	1,574	4,410	180%		

BUILDING SPACE SUMMARY

	EXISTING	PROPOSED		FUTURE	
		TOTAL ASF	TOTAL ASF	% Change ASF Existing to Proposed	Proposed TOTAL ASF
Standardized Patients	2,607	5,809	123%		
<i>Exam Suite</i>	1837	4,715	157%		
<i>Administration/Support</i>	770	1,094	42%		
Center for Clinical Research	1,188	2,050	73%		
<i>Research Clinic</i>	1,188	2,050	73%		
School of Pharmacy	7,503	11,445	53%		
<i>Pharmacy Lab</i>	2,559	4,990	95%		
<i>Standardized Patients</i>	shared	shared	-		
<i>Simulation Center</i>	shared	shared	-		
<i>Classrooms</i>	2,268	3,000	32%		
<i>Academic Home</i>	937	1,470	57%		
<i>Administration</i>	1,739	1,985	14%		
ProMetric Testing Center	982	930	-5%		
<i>Testing Center</i>	982	930	-5%		
Internal Medicine Clinic	8,245	8,440	2%		
<i>Clinic</i>	4,531	4,650	3%		
<i>Administration/Support</i>	3,714	3,790	2%		
Psychiatry Clinic	5,705	5,780	1%		
<i>Clinic</i>	3,890	3,910	1%		
<i>Administration/Support</i>	1,815	1,870	3%		
Medical Clinic (32nd Street)	11,985	12,600	5%		
<i>Clinic</i>	9,391	10,060	7%		
<i>Administration/Support</i>	2,594	2,540	-2%		
Pediatric Clinic (Carrage Parkway)	27,000	37,000	37%		
<i>Clinic</i>	27,000	27,000	0%		
<i>Infusion Center</i>	0	10,000	-		
KU Total Building Totals:	127,946	144,249	13%		

BUILDING SPACE SUMMARY

	EXISTING	PROPOSED		FUTURE	
	TOTAL ASF	TOTAL ASF	% Change ASF Existing to Proposed	Proposed TOTAL ASF	% Change ASF Existing to Proposed
WSU					
Administration	22,853	23,820	4%		
<i>College of Health Professions Admin</i>	4,503	4,005	-11%		
<i>Office of Testing Services</i>	2,950	3,446	17%		
<i>Communication Sciences & Disorders Admin</i>	2,357	2,845	21%		
<i>Medical Laboratory Sciences Admin</i>	1,229	1,189	-3%		
<i>Physical Therapy Admin</i>	2,158	3,285	52%		
<i>Physician Assistant Admin</i>	2,669	3,365	26%		
<i>Public Health Sciences Admin</i>	2,515	2,605	4%		
<i>School of Nursing Admin</i>	6,630	6,365	-4%		
Academic Home	5,120	7,308	43%		
<i>Gathering Area</i>	1,200	1,500	25%		
<i>Student Study/Lounge</i>	2,806	5,608	100%		
<i>Food Service</i>	1,114	200	-82%		
College of Health Professions	22,231	25,589	15%		
<i>Scientific Foundations Lab</i>	1,139	1,150	1%		
<i>Gross Anatomy Lab</i>	2,731	3,275	20%		
<i>Flex Space</i>	0	2,000			
<i>Auditorium</i>	4,631	4,714	2%		
<i>General Classrooms</i>	12,698	13,250	4%		
<i>Conference/Seminar Rooms</i>	1,032	1,200	16%		
<i>Admin - See WSU Admin</i>					
Communication Sciences & Disorders	1,759	2,710	54%		
<i>Research Labs</i>	1,759	2,310	31%		
<i>Classrooms</i>	384	400	4%		
<i>Admin - See WSU Admin</i>					
Medical Laboratory Sciences Lab	4,127	5,400	31%		
<i>Laboratory</i>	3,745	4,500	20%		
<i>Academic Home</i>	382	900	136%		
<i>Classrooms - See WSU CHP</i>	shared	shared			
<i>Admin - See WSU Admin</i>					

BUILDING SPACE SUMMARY

	EXISTING	PROPOSED		FUTURE	
	TOTAL ASF	TOTAL ASF	% Change ASF Existing to Proposed	Proposed TOTAL ASF	% Change ASF Existing to Proposed
Public Health Services					
Admin - See WSU Admin					
Classrooms - See WSU CHP	shared	shared			
Physician Assistant	2,658	4,585	72%		
Laboratories/Exam	2,658	3,985	50%		
Academic Home	0	600			
Classrooms	shared	shared			
Physical Therapy	6,218	19,700	217%		
Laboratories	6,218	19,700	217%		
Academic Home	shared	shared			
Classrooms	shared	shared			
School of Nursing	7,449	8,300	11%		
Laboratory/Exams	5,456	6,300	15%		
Classrooms	1,993	2,000	0%		
Academic Home	0	0	#DIV/0!		
Speech, Language & Hearing Clinic	12,071	16,462	36%		
Speech Pathology Clinic	8,281	11,652	41%		
Audiology Clinic	1,602	2,110	32%		
Academic Home	538	700	30%		
Classroom	1,650	2,000	21%		
Molecular Diagnostics Lab	10,578	10,255	-3%		
Laboratory	8,936	8,400	-6%		
Administration/Support	1,642	1,855	13%		
Psychology Clinic	1,568	2,625	67%		
Clinic	1,568	2,085	33%		
Administration	0	540	-		
WISE Clinical Mental Health Counseling	2,781	6,704	141%		
Clinic	2,534	4,844	91%		
Administration/Support	247	1,860	653%		
WSU Building Totals:	99,413	133,458	34%		

BUILDING SPACE SUMMARY

	EXISTING	PROPOSED		FUTURE	
	TOTAL ASF	TOTAL ASF	% Change ASF Existing to Proposed	Proposed TOTAL ASF	% Change ASF Existing to Proposed
Athletic Training	1,611			2,644	64%
Laboratory	1,131			2,164	91%
Classrooms / Support	0			0	
Administration	480			480	0%
Human Performance Lab	5,455			11,335	108%
Laboratory	3,839			10,270	168%
Exercise Spaces	0			0	
Classrooms	791			0	-100%
Administration	825			1,065	29%
Advanced Education in General Dentistry	13,270			13,216	0%
AEGD Clinic	7,786			9,826	26%
Classrooms	1,152			0	-100%
Administration	4,332			3,390	-22%
Dental Hygiene	6,477			8,640	33%
Hygiene Clinic	3,725			6,390	72%
Classrooms	0			0	
Administration/Support	2,752			2,250	-18%
WSU Building Totals:	26,813			35,835	

BUILDING SPACE SUMMARY

	EXISTING	PROPOSED		FUTURE	
	TOTAL ASF	TOTAL ASF	% Change ASF Existing to Proposed	Proposed TOTAL ASF	% Change ASF Existing to Proposed
WSU Tech					
Administration	3,874	4,585	18%		
<i>Administration / Support</i>	3,874	4,585	18%		
Academic Home	1,010	1,648	63%		
<i>Academic Home</i>	1,010	1,648	63%		
Simulation Lab	11,619	17,565	51%		
<i>Simulation Lab</i>	5,088	7,515	48%		
<i>Surg Tech Suite</i>	1,756	2,250	28%		
<i>Classrooms</i>	4,775	7,800	63%		
WSU Tech Total Building NSF:	16,503	23,798	44%		
Dental Assistant	2,592			2,425	-6%
<i>Lab / Lab Support</i>	1,724			2,035	18%
<i>Classrooms</i>	644			0	-100%
<i>Administration</i>	224			390	74%
WSU Tech Total Building NSF:	2,592			2,425	
WSU, WSU Tech, & KU ASF Totals - Phase I:	243,862	301,505	24%		
WSU, WSU Tech, & KU ASF Totals - Future Phase:	29,405			38,260	30%
*60% Efficiency Factor:		1.65		1.65	
20% Efficiency on Potential for Shared Spaces:		-26,762			
Total Building GSF:		470,721		63,129	

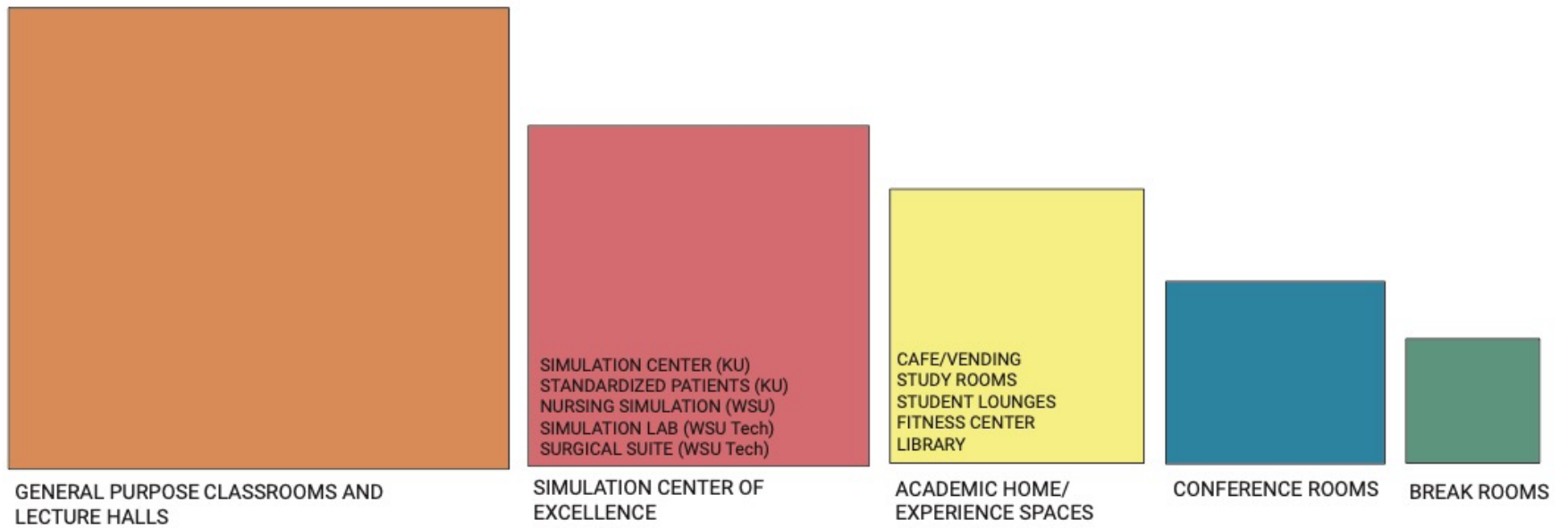
* Note: Grossing factor includes but is not limited to elevators, stairs, restrooms, corridors, structural thickness, wall thickness, exterior envelope mechanical shafts, mechanical rooms, electrical closets, housekeeping, janitor, telecom closets, loading docks, receiving areas, etc.

One of the driving planning efforts of the study is to leverage shared resources and program space between the three institutions and among departments. One example of this planning effort is the creation of a Simulation Center for Excellence. This Center will include simulation environments that reflect current patient care rooms, and state-of-the-art technology for instruction. Simulation will occur through the use of high-fidelity manikins and standardized patients. Educational functions from each institution will be centralized in the Center for shared use. Co-locating these functions will enhance collaboration between students and departments, improve access to equipment and simulation environments, and create an opportunity for programs to leverage the Center to enhance their teaching methods.

Other shared spaces can include student study and lounges, faculty and staff break rooms, general classrooms, conference rooms, fitness center, café/vending and the Prometric Testing Center. The planning intent of sharing these spaces is to centralize function and gain efficiencies while enhancing collaboration and interaction between institutions, departments, faculty, staff and students. In addition, a benefit of co-locating these departments is the opportunity to create an Interprofessional Education program. Utilizing the existing simulation center and classrooms would maximize the effectiveness of the facilities and expand the educational reach of each of the institutions.

Classroom quantity and sizing will be optimized for high utilization, but also sized to accommodate growth and change in programs and in numbers of students. Strategies such as the use of high-quality retractable walls between rooms will allow for dual use of smaller sized rooms while providing flexibility for larger uses.

PROPOSED SHARED SPACES

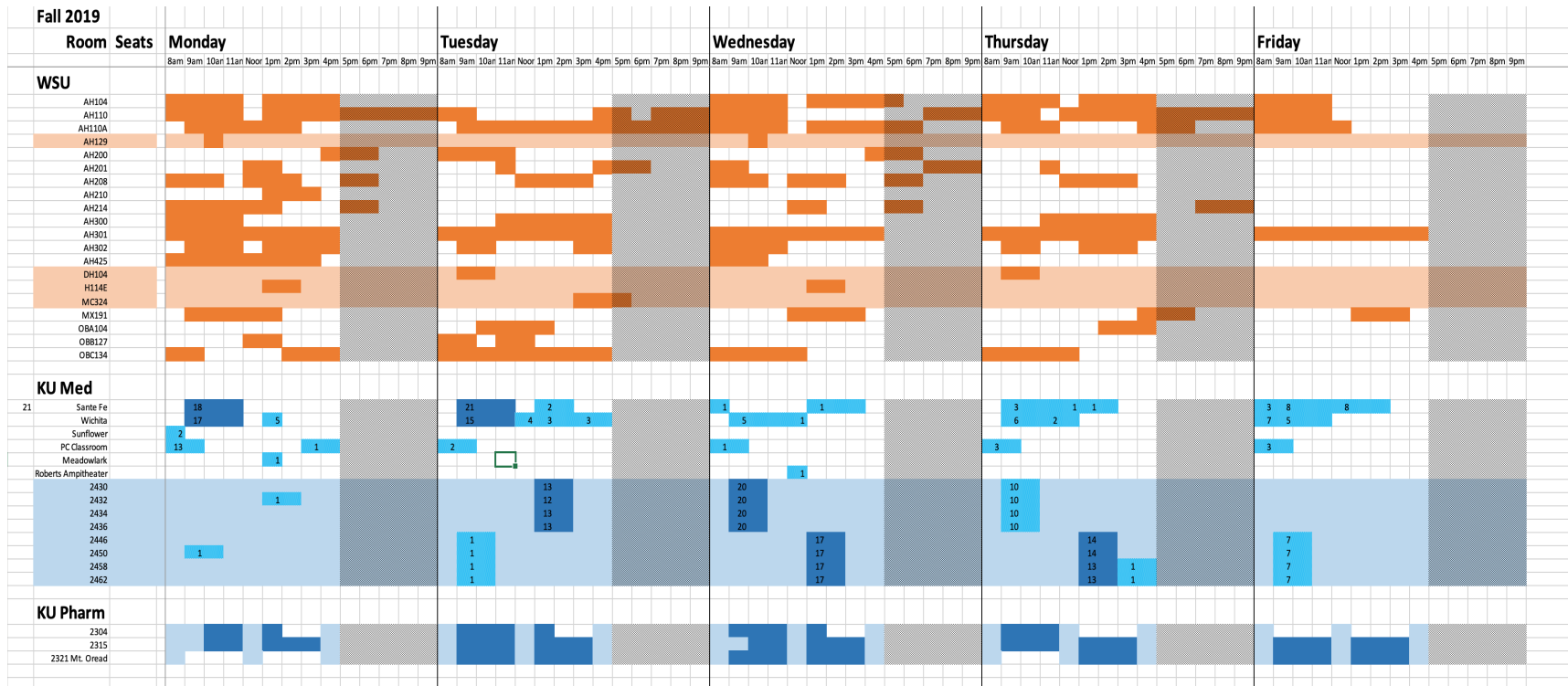


Optimizing Space Use

In addition to the strategy of sharing to optimize space use, the combined general classroom usage for each institution was analyzed as an aggregate to find opportunity for maximizing space use thereby capitalizing even more on the project's co-locating of partners, sharing of space and scale of economy. The following chart illustrates a typical week in the Fall semester. Classrooms time blocks in use are in color and ones not in use are left white. Each institution is represented by a different color. The chart identifies only general "classes" as designated in the provided data. Lab classes and other specialty classes were not included. In general, class times were very different in scheduling, meaning start times and end times varied widely making it hard to optimize the four entities' schedules. To take a very conservative approach, all occupied time blocks were graphically round to the nearest hour both forward and backward. This allows for additional prep and reset time between classes. Pre-blocking of time blocks reserving rooms for possible classes was removed from the chart. Lunch hour was included as a possible class time given that the current schedules rely on teaching during this time. Night classes after 5pm were greyed out and removed from the available times/hours as this time of day is not typically looked at as an opportunity for optimization. Therefore the "teaching day" is represented as from 8AM-5PM.

Observations as an outcome of this exercise were:

There are a number of classrooms that sit empty during portions of the day that would allow for better use of the space. Out of the 1350 available teaching hours a week that these rooms offer they are in use only 570 hours a week. The classrooms that are utilized are in use only 42.2% of the teaching day. The Kansas Board of Regents standards for usage is a target of 67% which would suggest these spaces should accommodate at least 904 total hours, translating to 334 additional hours per week. Currently the available hours per teaching day are 156.



Implementation for Optimizing Space Use

Moving forward, the group or committee responsible for scheduling at this co-location should take a comprehensive approach for capitalizing on the scales of economy the project offers. A mock schedule should be prepared during the program confirmation stage of the project to verify that the general use classrooms in this program can be scheduled in a way that works for the different institutions.

Some items to focus on in the planning of the scheduling process are:

- Prevent pre-blocking of rooms for “possible” use.
- Find opportunity in organizing hybrid classes to maximize use.
- Avoid irregular start and ending times, and irregular days.
- Avoid scheduling rooms with a lower “cap” than seats available; match course cap to room capacity.
- Teach more balanced and distributed hours throughout the week. The current available hours in the schedule are distributed as such: Monday 55, Tuesday 65, Wednesday 84, Thursday 84, Friday 118.
- Standardize classroom technology for use by all entities.

Site Considerations

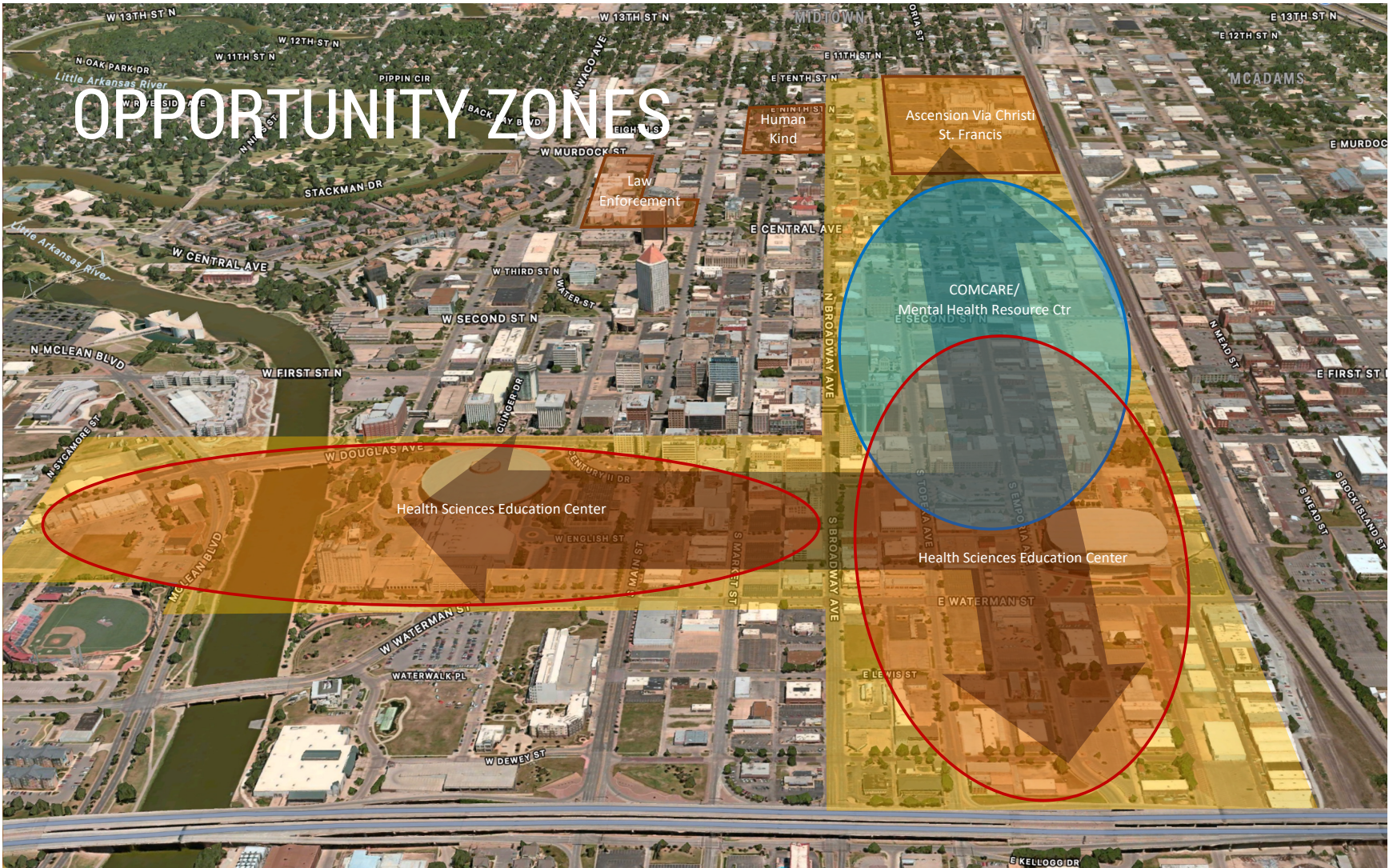
Location

No specific site was selected or analyzed as part of this study. However, key site attributes for the facility will include easy patient drop-off and pick-up for the general clinic patient populations and access to parking for faculty, staff, students, and visitors. In the spirit of this project being a catalyst to the creation of a larger health care corridor an area of the city was identified as one place of opportunity for the project given the health services already available there in addition to the ones that are planning to be located there or nearby. This downtown zone offers great proximity to many likely partners to the HSEC. The following diagram shows the area of the city that currently is under consideration. Partners who have expressed interest or ones who are currently involved in providing health care, safety and wellness to the city are identified on this aerial view of the downtown.



The actual site selection for this project will involve multiple parties and will need to be vetted for practicality, fit, function and desired adjacencies. For that reason, only a broad zone of sites are indicated here for consideration, to enable the people assigned that task as much leeway and flexibility as possible. The following illustration shows potential areas of consideration that begin to provide the kind of proximity and potential urban rejuvenation the project could capitalize on.

Given that the partners identified in these locations are focused on mental health care, homelessness and safety, the following diagram suggests that the components and additional partnerships for the HSEC, such as the county crisis center and the mental health care center, both currently being planned, could be located in the opportunity zone closest to the existing resources. The HSEC and other developments more educationally focused could be located in the opportunity zones as indicated.



Site Tests

When analyzing sites in the downtown the planning team determined that testing the capacity of typical site sizes would reveal the necessary density, number of stories, and required sizes of floorplates in this more urban location. The planning team identified two common downtown block sizes and proportions to test fit the programmed space on. Potential partners and additional parking and future expansion are shown dashed on adjacent or nearby parcels as necessary to fit the project to the test sites.

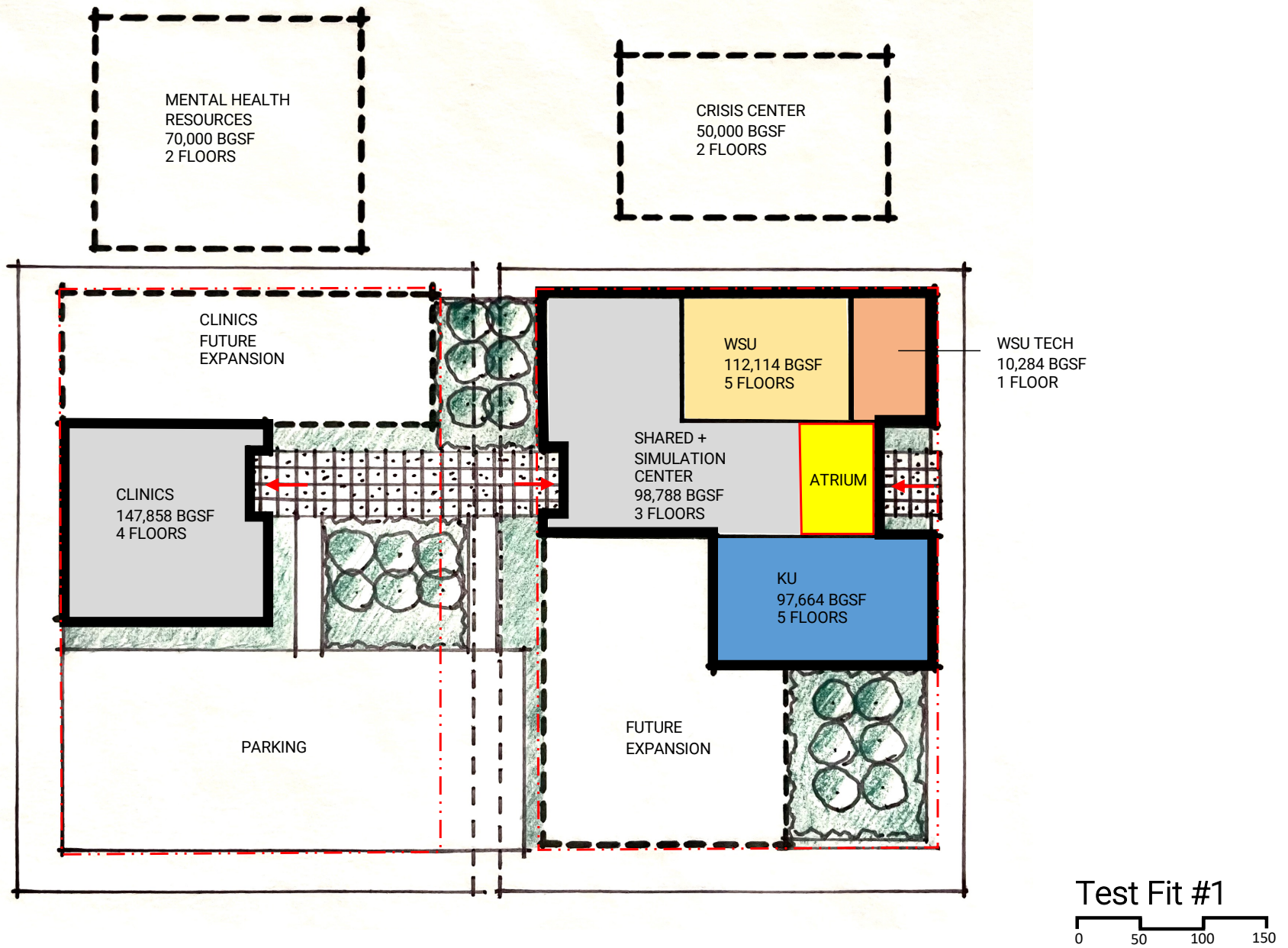
Test fit site #1

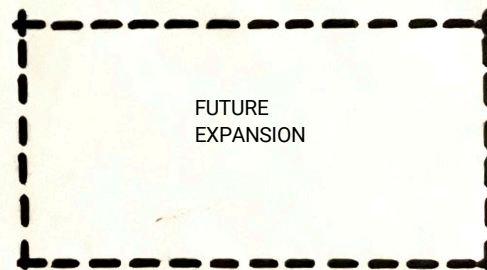
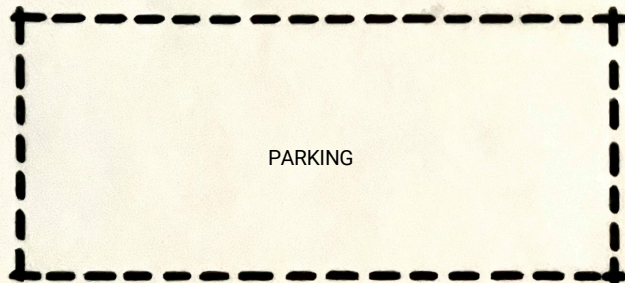
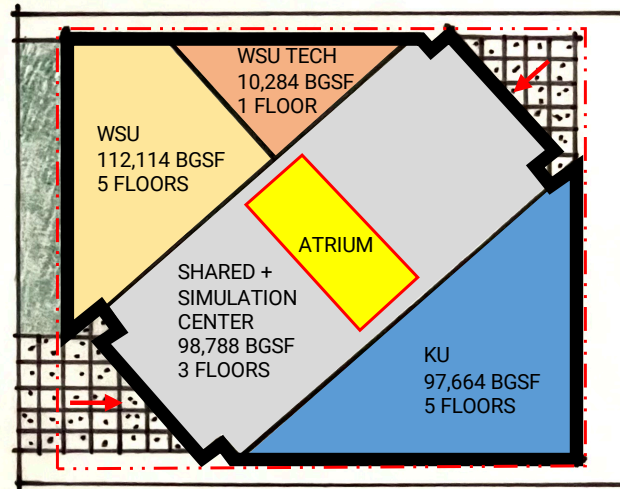
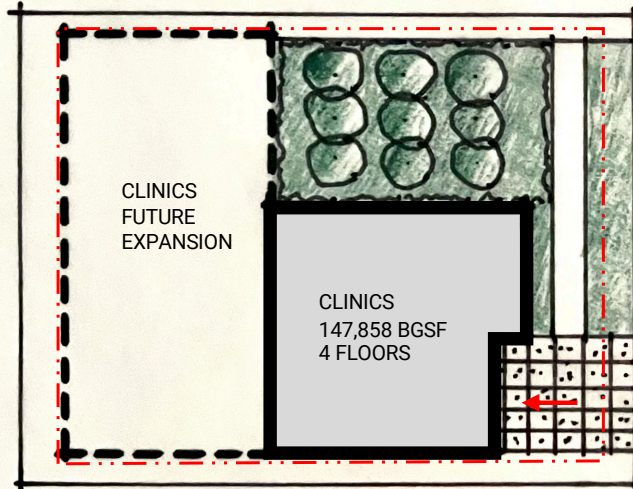
This test on the larger of the two typical sites found in the downtown grid. It represents a 2.7 acre parcel. To fit the project in this type of setting and to keep the number of floors to a reasonable number of four, the test fit requires 2 parcels for a total area of 5.4 acres. This diagram represents a potential street closure to make a more connected complex though this is not an imperative to make it work. Clinic parking is possible “on site” while the remaining parking to serve the HSEC will need to be found “off-site” on adjacent parcels or in adjacent parking structures. This diagram also shows that future expansion can occur connected and adjacent to the first phase buildings and there’s a bit of room left for wellness oriented outdoor space.

Test fit site #2

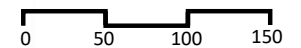
This test is on the smaller of the typical sites. It represents a 1.66 acre parcel. To fit the project in this type of setting and to keep the number of floors to a reasonable number of four, the test fit shows that 2 parcels for a total area of 3.3 acres are likely required. Unless the institutions decide to invest in a parking structure underneath the educational and clinical space most parking will need to be found “off-site” on adjacent parcels or in adjacent parking structures. Or the density and number of floors of the functional space could be increased, thereby reducing the building footprints and making some room “on-site” for parking. This diagram also indicates that some future expansion may need to occur on additional and adjacent parcels.

While these basic test fits don’t illustrate all the detail of a design, once the design phase commences it is anticipated that other important considerations will be added to the layout. Deliveries to the academic building will likely utilize one shared loading dock and that another shared loading dock would be provided for the clinical building. Review the management of deliveries and related storage needs during the design phase to confirm an acceptable cost, staffing and/or control scenario. Verify any anticipated chemical quantities with building users to confirm unloading, management and storage approach.





Test Fit #2



Parking

Most central business districts don't require parking by code but of course the institutions in this project will want to practically get to and from the facility easily and safely. To determine the functional and practical amount of parking the planning team built the initial parking count on the basis of the anticipated population using the buildings. Using standards based on number of students, number of faculty and for medical services space a total possible parking count would be 1729 spaces for the total program. The chart outlining this methodology follows.

This number represents a calculation for total population and needs to be adjusted for the phasing of the project and since a total population count is accurate if all of these people were traveling to and using the building at the same time.

To adjust this total amount for the first phase numbers of people and accounting for the fact that this phase is academic space dominated, a space type that drives a larger population, a range of 1100-1400 parking spaces would be practical.

While the scheduling for the building is yet to be figured out we can make a reasonable projection of what a peak use might be during the busiest time of the week. Based on the way that these programs in particular schedule their classes currently one can assume that peak use might be higher than other types of academic space. Using 80% of total population as the peak use percentage a first phase range for providing parking spaces would be 880-1120.

HSEC Parking Counts

	NUMBER OF STUDENTS (1 space / 3 students)	NUMBER OF FACULTY/STAFF (1 space / employee)	CLINICAL SF (1 space / 333 sf)	NO. OF SPACES
KU - Academic	-	139 employees = 139 spaces	-	139 spaces
Medical	48 (48 students / 3 = 16 spaces)	-	-	16 spaces
Pharmacy	80 (80 students / 3 = 27 spaces)	-	-	27 spaces
Other Professional Programs	100 (100 students / 3 = 33 spaces)	-	-	33 spaces
Total	228 students / 3 = 76 spaces	139 employees = 139 spaces		215 spaces
KU Clinic				
Medical Clinic	-	50 employees = 50 spaces	19,530 (19,530 sf / 333 sf = 59 spaces)	109 spaces
Internal Medicine	-	100 employees = 100 spaces	18,144 (18,144 sf / 333 sf = 55 spaces)	155 spaces
Pediatrics	-	125 employees = 125 spaces	58,275 (58,275 sf / 333 sf = 175 spaces)	300 spaces
Psychiatry	-	20 employees = 20 spaces	6,300 (6,300 sf / 333 sf = 19 spaces)	39 spaces
Total		295 employees = 295 spaces	102,249 sf / 333 sf = 308 spaces	603 spaces
WSU	1,900 (1,900 students / 3 = 634 spaces)	196 employees = 196 spaces	-	830 spaces
Total	1,900 (1,900 students / 3 = 634 spaces)	196 employees = 196 spaces		830 spaces
WSU Tech	158 (158 students / 3 = 53 spaces)	28 employees = 28 spaces	-	81 spaces
Total	158 (158 students / 3 = 53 spaces)	28 employees = 28 spaces		81 spaces
			Total No. of Spaces	1,729 spaces

Reference Document: Wichita-Sedgwick County Unified Zoning Code, Ordinance No. 49-109.

Hospital and Convalescent Care Facilities: 1 space / employee

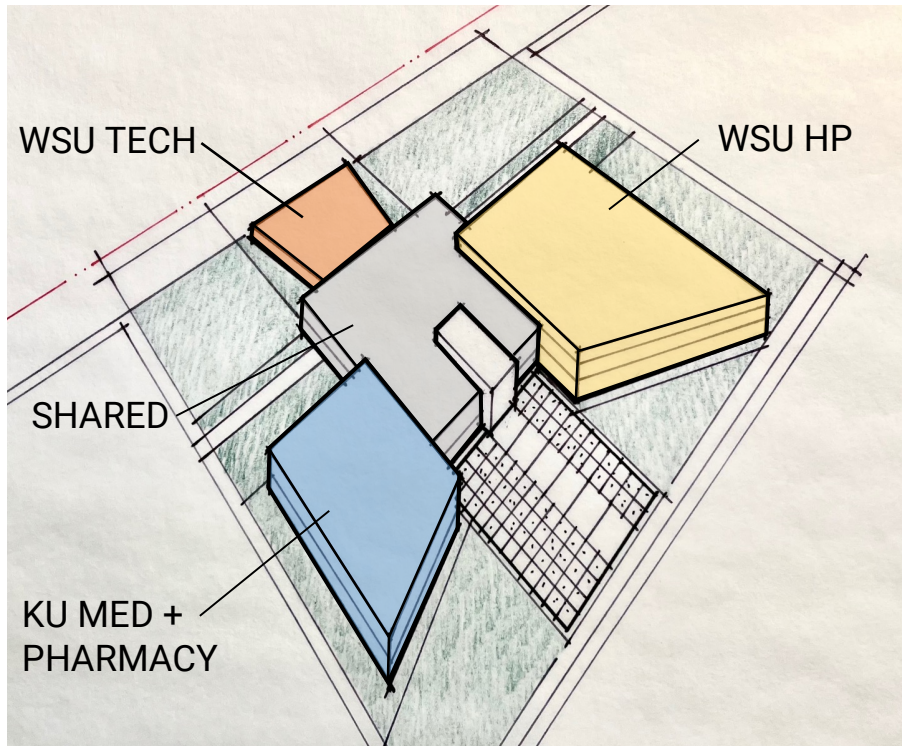
University or College: 1 space / employee, plus 1 space / 3 students

Medical Service: 1 space / 333 sf

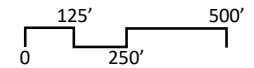
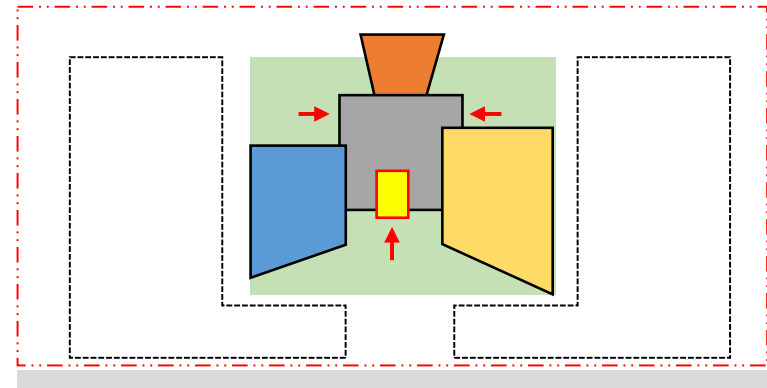
Concept Diagrams

In addition to the goals and aspirations of the project as a whole, a number of design concepts were discussed that would enable the success of the project and express its core idea and symbolic combination and co-location of separate entities. In the following diagrams you'll find three primary concepts expressed in different ways. First each institution retains its identity by in some way maintaining its own form within the larger arrangement or organization. Second, the notion of a common and shared area expressed as a hub is symbolic of the collaboration and engagement allowed by the combination of these institutions in one location. Third, the shared space is also called out in form emphasizing the place where all the people in the facility work together side-by-side.

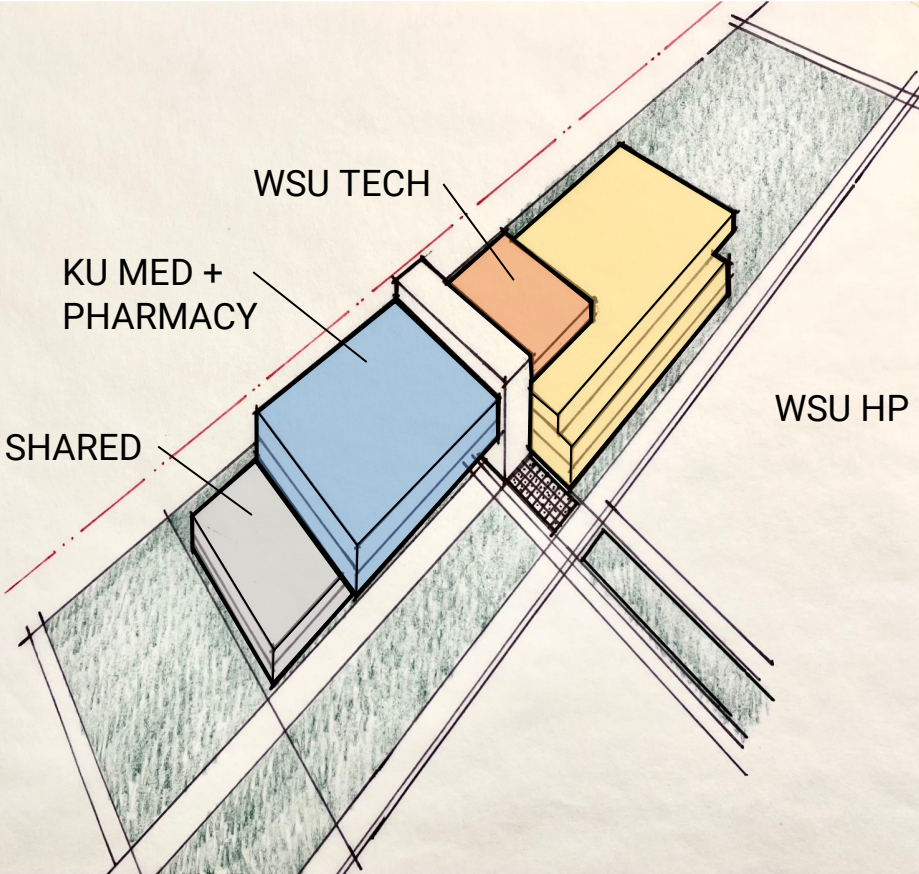
HUB AND SPOKE



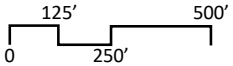
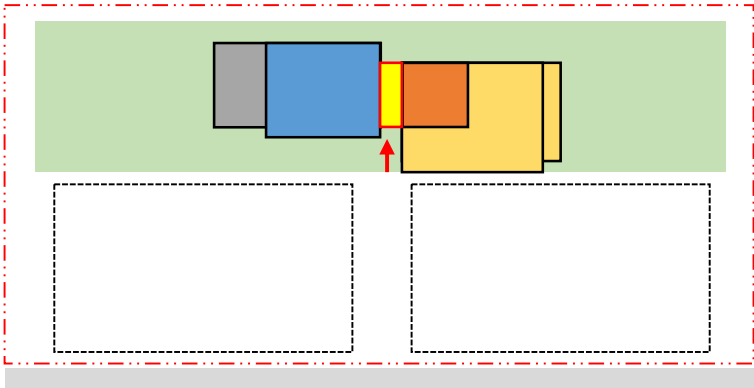
The Hub and Spoke concept places the shared spaces and common areas as the hub connecting each institution to one another symbolizing the importance of collaboration and connection while allowing separate identities for the each.



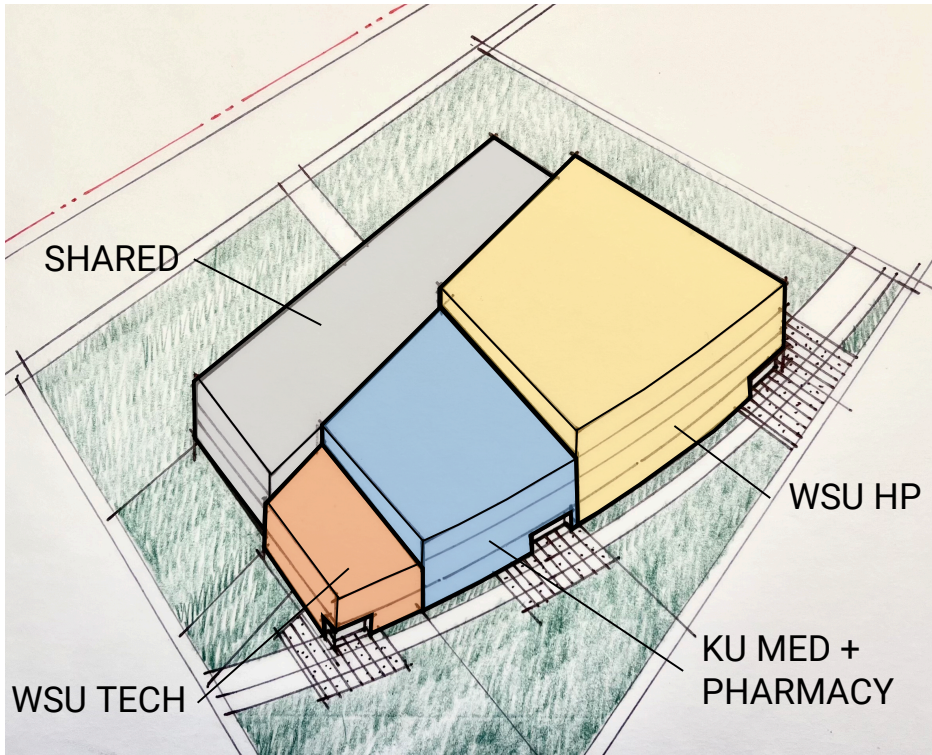
LAYER CAKE



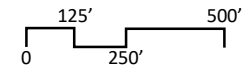
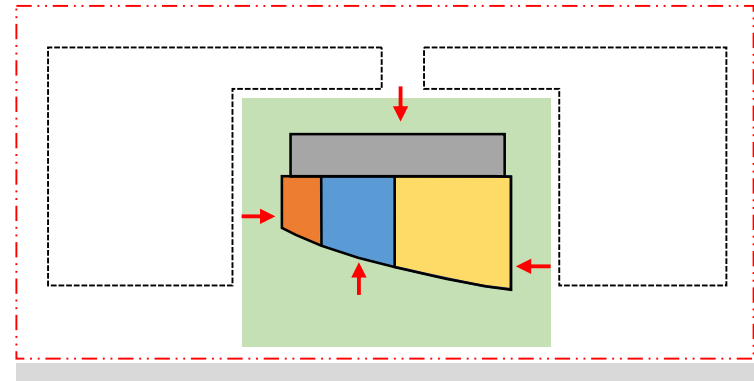
The Layer Cake concept prioritizes the separate identities for each institution allowing the shared spaces and common areas to connect on the ground level.



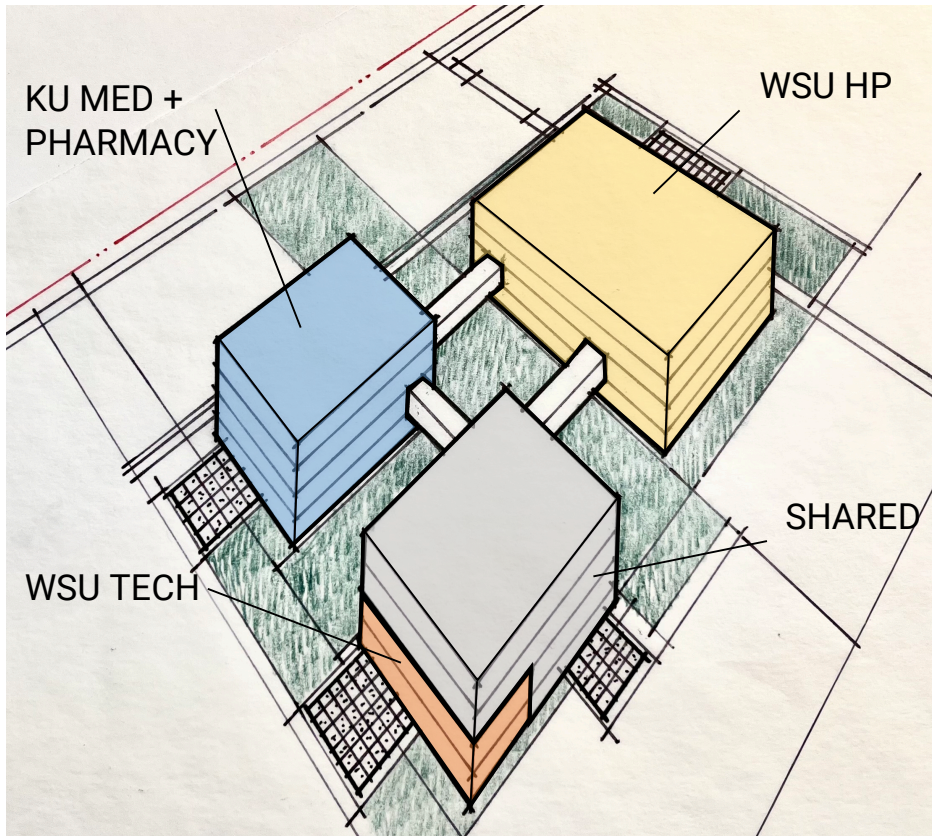
UNIFIED



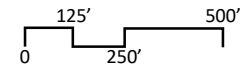
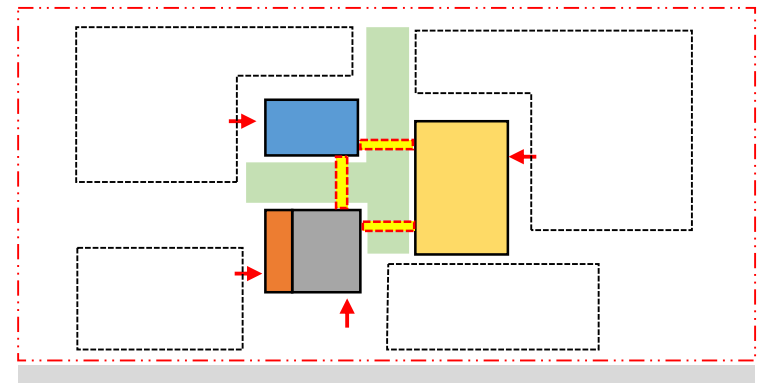
The Unified concept prioritizes the separate identities for each institution by giving them vertical presence and their own entries and stretches the shared and common areas along the back for easy access from each institution.



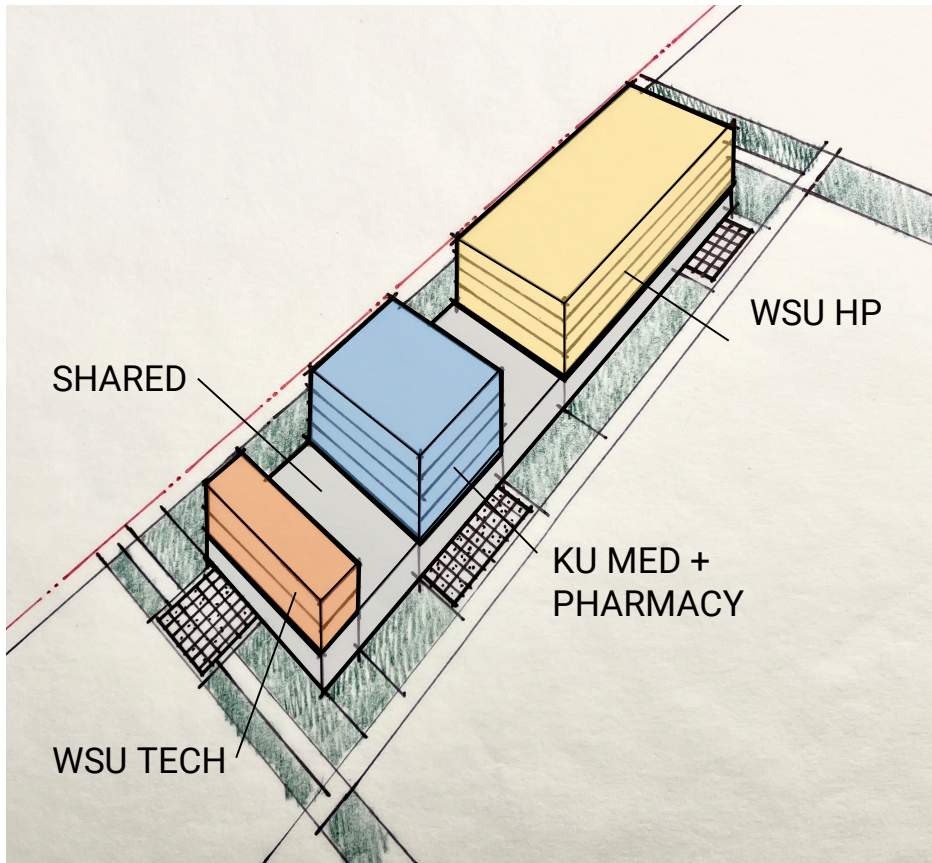
CORRIDOR



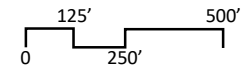
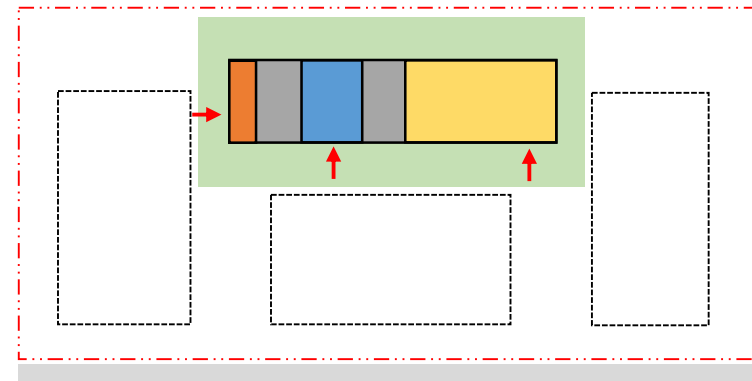
The Corridor concept anticipates a more urban setting where the project is a part of a larger health care corridor potentially on smaller parcels of land. It creates a connected complex with landscape and bridges and gives each institution its own identity.



IDENTITY TOWERS



The Identity Towers concept prioritizes the shared spaces and common areas on the ground level acting physically and symbolically as the connecting element to the visible institutions above.



Projected Budget

An overall project budget was prepared that identifies known and expected costs for the development of the new Health Science Education Complex. It includes contingencies for items that are unforeseen as well. The budget was prepared anticipating level of design quality, durability, and building likely systems that would be used, etc. It is comprehensive in nature including items such as anticipated finishes, mechanical, electrical and energy systems, and furnishings. Since a site has not been selected for the project the budget includes sitework and excavation but does not include site acquisition, parking, or parking decks. The budget numbers for the site will need to be modified in the future based on parking approaches negotiated and the exact site location selection since there can be large swings in cost based on a site's specific conditions. Some of these can be the existence of hazardous materials, the need for utility extensions, the specific parking demands, and city or county requirements for that particular site.

Historical cost records from like-sized structures of the same or similar type of function and quality were used as a basis for projecting the future cost of this facility. Benchmark examples are chosen based on the following three primary criteria:

1. Building Use Type Similarity (Complexity)
2. Overall Square Footage (Quantity)
3. Construction Type Similarity (Quality)

The numbers have been adjusted for location variation in the region. In addition, the benchmarking includes an adjustment to today's construction costs and the budget includes an escalation line item for escalation to January 2025. National estimators and local contractors were consulted in developing these adjustments.

The total project cost for the first phase of the building represented in this study is projected to be approximately \$302.1 million. Given the long duration of the planning and site selection process, adjustments to the program and individual budget line items may need to occur due to potential additional escalation of construction costs, market conditions, etc.

Wichita Health Sciences Education Complex

clark | huesemann - kahler slater

Project Budget Summary

2022 08 22

KU Med	104,788	
KU Pharmacy	17,399	
KU Clinics	105,006	
WSU Health Professions	149,799	
WSU Labs	16,921	does not include HP or AT or Dental
WSU Clinics	40,608	
WSU Tech	36,198	does not include Dental
Proposed New Square Footage Total	470,719	

1.0 Construction Costs:	quant.	cost/ea	BUDGET
New Construction	470,719	\$380.00	\$178,873,068
Sitework & Excavation	allowance	\$40	\$18,828,744
General Conditions/OH&P/etc.	included above	15%	\$0
Escalation to January 2025		19.5%	\$38,551,853
Subtotal Construction Contract			\$236,253,665

2.0 Project Soft Costs:			
Furniture	per SF	\$18.00	\$8,472,935
Equipment	per SF	\$18.00	\$8,472,935
Site Acquisition		not included	\$0
Hazardous Materials Abatement		not included	\$0
IT/Telecommunications	per SF	\$4.85	\$2,282,985
Audio/Visual Technology	per SF	\$14.95	\$7,037,243
Branding/Graphics/Signage	per SF	\$3.00	\$1,412,156
Moving Costs		allow	\$300,000
A/E and State Fees/Survey/Geo/Permitting		8.0%	\$18,900,293
Construction Testing & Commissioning	mech systems	1.0%	\$1,181,268
Owner's Construction Contingency		5%	\$11,812,683
Fundraising or Financing Costs		5% on 10% of const.	\$1,181,268
Subtotal Soft Costs			\$61,053,767

3.0 Summary:			
Construction Costs			\$236,253,665
Project Soft Costs	26%		\$61,053,767
Owner's Project Contingency	2%	of construction	\$4,725,073
Total Project Costs			\$302,032,505

Sitework does not include parking or parking decks
 Prevailing wages and taxes not included
 Standard Energy Performance Criteria

Delivery Method/Code/Serviceing

Given the anticipated project schedule and the continuing concerns of supply side cost increases, general escalation and inflation, a delivery method utilizing the expertise of a Construction Manager early in the design phases is recommended as the most effective project delivery method to use. This would allow for early involvement in budgeting and also help guide the design, material and system choices throughout the design phase to give the project the best chance at coming in on budget and being delivered on time. The proposed construction schedule also indicates the use of early bid packages to achieve the desired end date.

Code Requirements

The project budget anticipates that the new facility(s) will be designed to meet the codes required by the State of Kansas, which include the 2018 IBC, the ADA, and others as listed in the State of Kansas requirements. The building will likely be fully fire sprinkled, and concept designs show an atrium with levels connected by open stairs and an open central space.

Building Systems

The budget plans on the building being provided with stand alone heating and cooling plants that are not connected to a campus or central chilled water or steam system. Even though a site has not been selected for the project, either a downtown or suburban

site would likely fall into a standalone location and solution. With that said, the complex itself will be able to capitalize on the co-location of the institutions by sharing in primary equipment and capitalizing on the economy of scale for the overall including the potential of its own central plant serving multiple future buildings.

Chilled water will likely be generated from either roof mounted or ground mounted air-cooled chillers or cooling towers. Heating hot water will likely be generated by multiple high efficiency (condensing) boilers connected to a primary-secondary hydronic system. The airside system will likely be Variable Air Volume (VAV) with hot water reheat. Each floor is anticipated to house a central station Air Handling Unit (AHU).

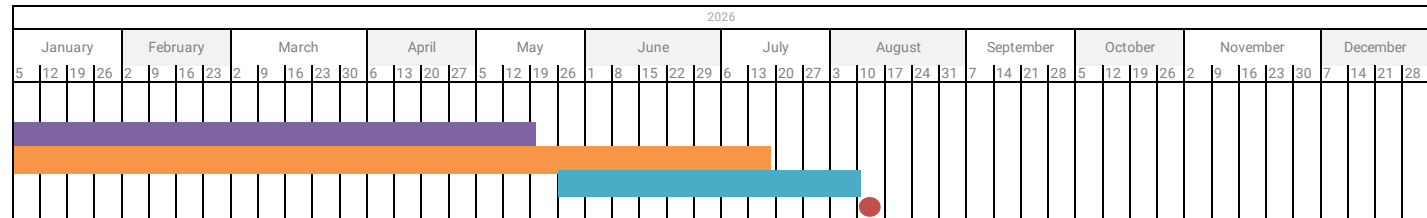
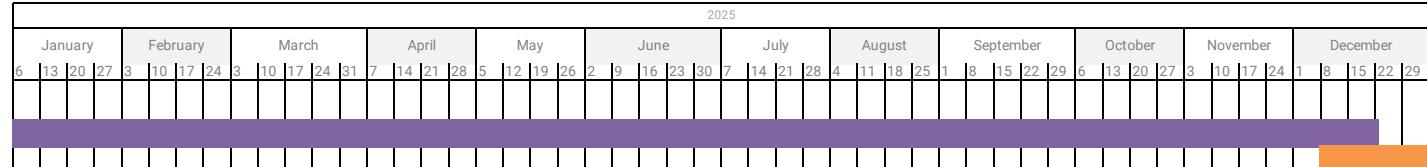
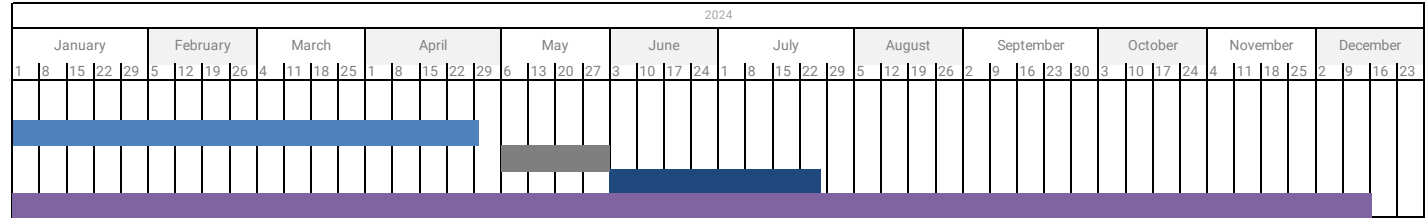
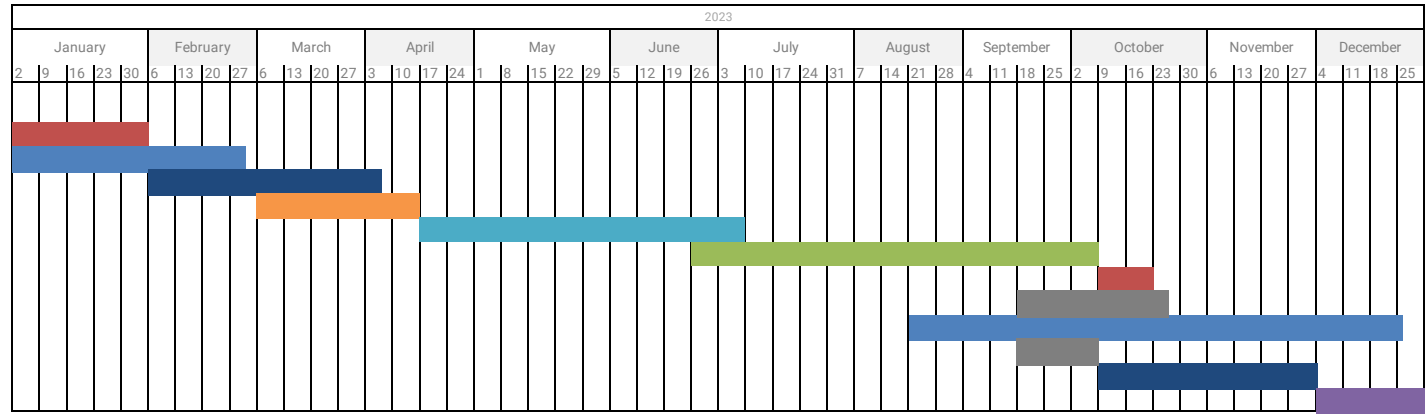
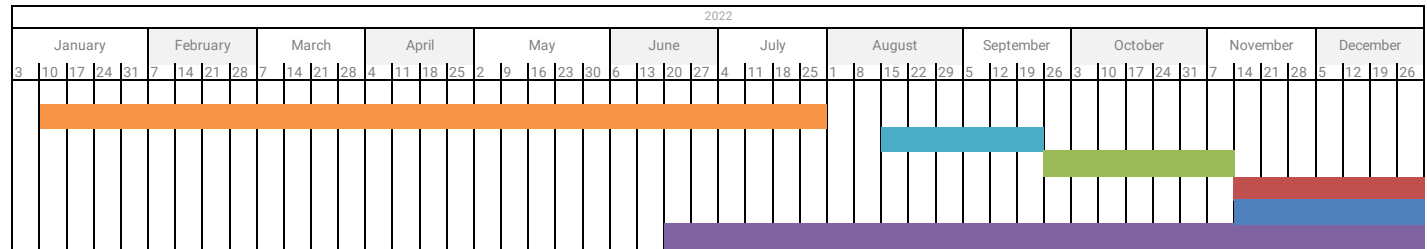
Standards for energy conservation, plumbing fixtures, emergency power supply, etc., will be determined among the institutions involved during the design phase and the approach to the site items such as storm water and sanitary sewer will be determined once a site is selected.

Cost of Servicing the Building

The institutions plan to support the cost of servicing this building through its operating funds. It is anticipated that the design of the facility will consider reduced energy consumption to lower operational cost.

Project & Construction Schedule

Programming for the HSEC began in January of 2022. The institutions intend to seek Kansas Board of Regents approval of the program in September of 2022. Site selection work is ongoing. Schematic Design will begin in the Spring of 2023. The institutions will seek Regents approval of the Design Development Package in October 2023 with the Construction Documents phase commencing shortly after. At this same time the first of the early bid packages would be released for bidding. With Construction Documents completing in April of 2024 the project would issue the final bid package to go out to bid in June 2024. A construction period ending in May of 2026 would allow the HSEC and the institutions to move in and prepare for operations in the new facility for the Fall Semester of 2026.



Numeric Program

As an introduction to the numeric program, the following provides comments for specific University of Kansas, Wichita State University and Wichita State University Tech programs. The comments focus on the most substantial changes between existing space and the proposed programs and are not intended to communicate the entirety of program requirements. For specific program requirements, see the program document included in this report. Program requirements were determined based on analysis of existing program, conversations with user groups, and room standardization based on university guidelines and professional expertise.

University of Kansas

Center for Clinical Research

Planning focused on the request to increase the clinic exam rooms from two (2 existing) to six (6 proposed). Additionally, the proposed program increases size of the clinic lab to provide greater research and lab capacity.

School of Pharmacy

Planning focused on increasing the size of the skills lab to accommodate three (3) workstation pods. Additionally, the proposed program provides more preparation and lab support spaces and a dedicated classroom. The Mount Oread room has also been increased to accommodate a full class size. New program space includes a shared resident room and research elective room.

Simulation Center

Planning focused on modifying the one room existing simulation space to become four (4) simulation rooms (2 Med/Surg, 1 ICU, and 1 LDRP) with adjacent control rooms, moulage, and storage support spaces in the proposed program. Additionally, the proposed program doubles the number of debrief rooms from one (1 existing) to two (2 proposed).

Standardized Patients

Planning focused on increasing the number of standardized patient exam rooms from twelve (12 existing) to twenty (20 proposed) as well as to increase the square footage from 120 sf/exam room (existing) to 150 sf/exam room (proposed). The proposed new recording room will provide observation to the exam rooms which will be achieved exclusively through recording and playback. Additionally, the proposed program doubles the number of debrief rooms from two (2 existing) to four (4 proposed).

Administration

Planning focused on standardizing the office sizes to 200 sf/dean's office, 150 sf/chair's office, and 120 sf/faculty and staff offices. Conference rooms and break rooms were also standardized and can be investigated during the program confirmation phase to determine if sharing opportunities exist.

Academic Home

Planning focused on maintaining a majority of the existing program spaces and functions. During the program confirmation phase opportunities for sharing should be reviewed. Increasing

the number of student study rooms to provide diversity of choice will also be a priority. Functional amenities such as single-user restrooms and personal health rooms will be included along with snacks and vending, a fitness center with showers, and lounge spaces.

Classrooms

Existing classrooms were carried forward into the new program whether or not they were highly utilized. There are a number of classrooms that are not currently scheduled. Information on usage of these rooms was not available. During the program confirmation phase these rooms should be reviewed for utilization and potential for sharing or reducing square footage in this area.

Medical Science Education

Home rooms are currently provided for medical students, Eight rooms are carried forward into the program to match the existing.

ProMetric Testing Center

The testing center has not been modified from the existing program. This center will be allocated as a shared space for the entire building.

Psychiatry Clinic

Planning focused on reducing the waiting room size to accommodate twenty-five (25) people and reducing the size of reception to provide space for two receptionists. Additionally, the treatment room sizes have been standardized to provide flexibility.

Internal Medicine Clinic

Planning focused on combining existing multiple small lab rooms into one lab space in the proposed program. Additionally, the proposed program standardizes room sizes across the entire program to provide flexibility of use.

Medical Clinic (32nd Street)

Planning focused on standardizing the room sizes across the entire program to provide flexibility of use.

Pediatric Clinic + Infusion Center

The proposed program includes a placeholder of 37,000 sf for the clinic and infusion center, with a detailed program validation in-process.

Wichita State University

Communication Sciences & Disorders

Planning focused on standardizing the offices to 120 sf/office. Additionally, the proposed program increases the number of sound booths from four (4 existing) to five (5 proposed). During the program confirmation phase it should be confirmed whether or not co-locating CSD research and administrative space with the Speech, Language, and Hearing clinic would be more efficient and reduce duplication.

Medical Laboratory Sciences

Planning focused on increasing the class lab space to accommodate the anticipated twenty-five percent (25%) growth in enrollment and research over the next five (5) years.

School of Nursing

Planning focused on increasing the size of the eight (8) bed skills/assessment labs, as well as increasing the number of

exam rooms from four (4 existing) to ten (10 proposed) to accommodate sharing with other class needs. The number of control rooms are also increased from one (1 existing) to five (5 proposed) to align with the increase in exam rooms.

Physician Assistant (PA)

Planning focused on standardizing the exam rooms to 150 sf/exam room to provide flexibility. Additionally, the clinical skills lab is increased in size. The Sim Man/Teaching room is increased to accommodate new simulation equipment and an increase in class size. The number of control rooms are also increased from one (1 existing) to two (2 proposed) to align with the increased simulation space.

Physical Therapy (PT)

Planning focused on providing larger labs to accommodate new equipment and learning opportunities, and research.

College of Health Professions

The Scientific Foundations Simulation Lab has not been modified from the existing program. Gross Anatomy Lab has been increased to accommodate 10 cadavers, and the current classrooms and lecture halls have been carried over into the new program. There is an opportunity during the program confirmation phase to reduce overall square footage by consolidating class usage in particularly the larger classrooms and lecture spaces.

Speech, Language, and Hearing Clinic

Planning focused on standardizing therapy room sizes to provide greater flexibility for the clinic. Additionally, the number of therapy rooms has increased from five (5 existing) to seven (7 proposed) and new spaces include a waiting room for forty (40) people, reception area for two (2) receptionists, a hearing aid

drop-off, sensory room, and support room. The Audiology Clinic proposed program increases the number of audiology hearing room from two (2 existing) to three (3 proposed). Administration offices for the department have been standardized at 120 sf/office and 240 sf/shared office. Additionally, the number of offices were increased from eight (8) total to fourteen (14) total.

Administration

Planning focused on standardizing the office sizes to 200 sf/dean's office, 150 sf/chair's office, and 120 sf/faculty and staff offices. Conference rooms and break rooms were also standardized and are allocated throughout the entire building. During the program confirmation phase this area can be reviewed for potential sharing opportunities.

Academic Home

Planning focused on carrying over the majority of the existing study and lounge spaces as well as vending. As the design phase commences, these spaces should be evaluated for even distribution throughout the facility and diversity of space type for study environments.

Molecular Diagnostics Lab

Planning focused on increasing the molecular lab to accommodate future growth. Additionally, lab support spaces have been allocated in the program. The number of private offices has increased from one (1 existing) to two (2 proposed). Conference rooms and break rooms are allocated as shared spaces for the entire building.

Psychology Clinic

Planning focused on standardizing program spaces and adds a medium sized therapy room. Additional program spaces include two administrative offices and a reception area.

WISE Clinical Medical Health Counseling

Planning focused on doubling the number of counseling rooms from six (6 existing) to twelve (12 proposed) and decreases the number of group counseling rooms from two (2 existing) to one (1 proposed). The training rooms are increased from one (1 existing) to two (2 proposed) and twelve (12) faculty offices and one administrative assistant office have been added to the proposed program.

WSU – Future Phases

Advanced Education General Dentistry (AEGD)

Planning focused on standardizing square footage for clinical spaces to provide greater flexibility. Additionally, the simulation lab was increased to provide 21 simulation stations and new spaces added to the program include a dispensary and soiled holding. Administrative offices were standardized at 200 sf/dean's office, 150 sf/director's office, and 120 sf/faculty and staff offices.

Dental Hygiene

Planning focused on providing dedicated space to clinic support functions as well as provides twenty (20) open operatories in the clinic. New program spaces include a dental materials lab, sterilization, soiled holding, faculty touchdown, lockers, and changing rooms.

Athletic Training

Planning focused on increasing the applied learning lab to provide adequate space for new equipment and student learning. Additionally, the number of exam rooms doubled from one (1 existing) to two (2 proposed) and one control room was added to serve both exam rooms.

Human Performance Lab

Planning focused on reorganizing the existing lab functions into a human performance lab and functional movement / biomechanics lab, with the latter allocated to be shared with other departments. The overall lab footprint has been increased to accommodate new equipment and student class sizes. New spaces included in the program include a prep lab, adult exercise room, rest/prone testing room, spirometry testing room, scale assessment, hydro room, DEXA scan, work room, lockers, and changing rooms. Offices for the lab manager and lab coordinator have also been included in the proposed program. The potential for collaboration with PT in particular is robust. Investigating the possibility for sharing spaces between these two groups could be an opportunity.

WSU Tech

Simulation Lab

Planning focused on standardizing the size of hospital rooms (1 Peds, 1 ICU, 1 LDRP, and 1 Med/Surg) to provide greater flexibility. Additionally, the control room has been divided into two control rooms to support the four hospital rooms. The clinical skills lab has been increased to accommodate ten (10) beds. New program spaces include a CAN skills lab, home health room and an enclosed surgical room.

Administration

Planning focused on providing a waiting area for fifteen (15) people and one receptionist, as well as increases the number of faculty offices from four (4 existing) to twenty (20 proposed). Additionally, the offices were standardized to 150 sf/chair's office and 120 sf/faculty office.

Academic Home

Planning focused on standardizing room sizes in academic home and allocates conference rooms and classroom as shared spaces for use by the entire building.

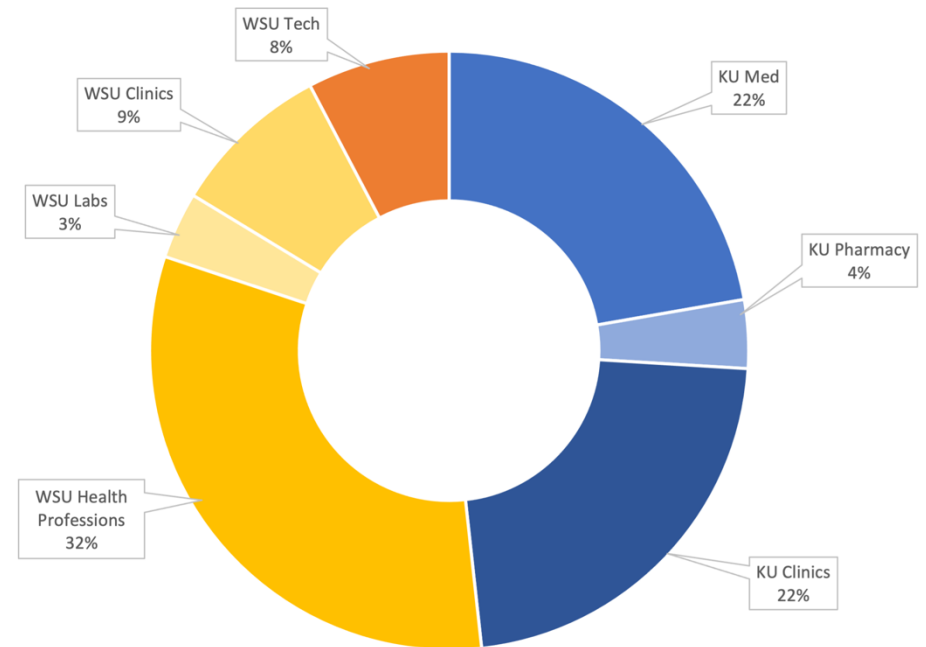
Classrooms

All classrooms currently in use were carried over to the new program. During the program confirmation phase it is recommended that the utilization of the classrooms be reviewed and opportunities for sharing explored in order to reduce overall square footage.

WSU Tech – Future Phases

Dental Assistant

Planning focused on increasing the operating lab for equipment needs. New program spaces include a resident flex space and locker rooms. These spaces are currently shared with WSU. Additionally, The offices were standardized to 120 sf/private office.



**University of Kansas - Medical Center
Administration**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Academic/Student Affairs</i>									
Waiting	1	1,249	1,249	1	300	300	1.15	345	HC = 6 waiting for 12-15P
Reception	-	-	incl. above	1	75	75	1.15	86	
Workstations	-	-	incl. above	-	-	-	-	-	Seating for 12-15P; Consider Sharing
Conference	-	-	incl. above	1	300	300	1.30	390	
Office	5	127	636	5	120	600	1.30	780	
Unused Office	2	104	207	-	-	-	-	-	Alcove
Kitchenette	1	192	192	1	40	40	1.30	52	
Storage	1	76	76	1	100	100	1.30	130	
Sub Total			2,360			1,415		1,783	
<i>Dean's Suite</i>									
Waiting	1	350	350	1	350	350	1.00	350	HC = 9 Seating for 8-10P
Reception	-	-	incl. above	1	75	75	1.00	75	
Office - Dean	1	342	342	1	200	200	1.30	260	12-15P; Consider Sharing Consider Sharing
Office	7	161	1,126	7	120	840	1.30	1,092	
Unused Office	1	97	97	-	-	-	-	-	
Work Room	2	104	207	1	200	200	1.30	260	
Conference	1	389	389	1	400	400	1.30	520	
Kitchenette	1	127	127	1	100	100	1.30	130	
Sub Total			2,638			2,165		2,687	
<i>Family & Community Medicine Admin</i>									
Waiting	2	236	472	1	200	200	1.00	200	HC = 14 Seating for 8-10P
Reception	2	236	472	1	75	75	1.30	98	
Office - Chair	1	180	180	1	150	150	1.30	195	Consider Sharing
Office	12	113	1,352	12	120	1,440	1.30	1,872	
Office - Open	1	210	210	1	250	250	1.30	325	
Work Room	1	56	56	1	100	100	1.30	130	
File Storage/Unused	1	196	196	-	-	-	-	-	
Kitchenette	1	105	105	1	150	150	1.30	195	
Storage	1	117	117	1	120	120	1.30	156	
Sub Total			3,160			2,485		3,171	

**University of Kansas - Medical Center
Administration**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Human Resources Admin</i>									
Waiting	1	200	200	1	200	200	1.00	200	HC = 3 Seating for 8-10P Alcove
Reception	-	-	incl. above	1	75	75	1.00	75	
Work Room	1	232	232	1	150	150	1.30	195	
Office	2	139	277	2	120	240	1.30	312	
Unused Office	1	140	140	-	-	-	-	-	
Kitchenette	1	40	40	1	40	40	1.30	52	
Sub Total			889			705		834	
<i>Internal Medicine Admin</i>									
Waiting	1	200	200	1	200	200	1.00	200	HC = 13 Seating for 8-10P duplicate office Consider Sharing
Reception	1	100	100	1	75	75	1.00	75	
Office - Dean	1	191	191	1	120	120	1.30	156	
Office - Chair	1	357	357	1	150	150	1.30	195	
Office	11	136	1,500	11	120	1,320	1.30	1,716	
Unused Office	1	122	122	-	-	-	-	-	
Office - Open	1	220	220	1	220	220	1.10	242	
Work Room	2	144	288	1	200	200	1.25	250	
Kitchenette	1	104	104	1	150	150	1.30	195	
Storage/Files	3	85	254	1	100	100	1.30	130	
Sub Total			3,336			2,535		3,159	
<i>Information Technology</i>									
Waiting	1	108	108	1	100	100	1.00	100	HC=12 Seating for 3-4P 12-15P; Consider Sharing Consider Sharing
Office - Open	1	1,375	1,375	1	1,300	1,300	1.10	1,430	
Reception	-	-	incl. above	1	75	75	1.00	75	
Office	7	113	789	7	120	840	1.30	1,092	
Conference	1	255	255	1	300	300	1.30	390	
Kitchenette	1	78	78	1	150	150	1.30	195	
Storage	1	91	91	1	100	100	1.30	130	
Sub Total			2,696			2,865		3,412	

**University of Kansas - Medical Center
Administration**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Endowment Association</i>									
Waiting	1	238	238	1	200	200	1.00	200	HC = 2 Seating for 8-10P
Reception	-	-	incl. above	1	75	75	1.00	75	
Office	2	120	240	2	120	240	1.30	312	For volunteer use
Workstations	-	-	-	2	30	60	1.40	84	
Work Room	-	-	-	1	200	200	1.25	250	24-30P; Consider Sharing
Conference	1	500	500	1	600	600	1.25	750	
Kitchenette	1	24	24	1	150	150	1.30	195	Consider Sharing
Sub Total			1,002			1,525		1,866	
<i>Office of Research</i>									
Office - Chair	1	234	234	1	150	150	1.30	195	HC = 6
Office	9	133	1,196	9	120	1080	1.30	1,404	
Shared Office	1	236	236	1	236	236	1.30	307	2-3 workstations
Conference Room	1	175	175	1	300	300	1.30	390	12-15P; Consider Sharing
Work Room / Storage	1	124	124	1	120	120	1.40	168	Alcove
Kitchenette	-	-	-	1	40	40	1.40	56	
Sub Total			1,965			1,926		2,520	
<i>Medical Sciences Education Admin</i>									
Office - Dean	1	230	230	1	200	200	1.30	260	
Office	2	131	262	2	120	240	1.30	312	
Sub Total			492			440		572	
<i>Medical Practice Assoc. Admin</i>									
Waiting	1	300	300	1	200	200	1.00	200	Seating for 8-10P
Reception	-	-	incl. above	1	75	75	1.00	75	
Office	6	117	701	6	120	720	1.30	936	12-15P; Consider Sharing
Office - Open	1	675	675	1	675	675	1.25	844	
Conference	1	261	261	1	300	300	1.30	390	Consider Sharing
Kitchenette/Workroom	1	138	138	1	150	150	1.30	195	
Unused Space	3	276	829	-	-	-	-	-	
Sub Total			2,904			2,120		2,640	

**University of Kansas - Medical Center
Administration**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Population Health Office</i>									
Waiting	1	231	231	1	200	200	1.00	200	HC = 15 Seating for 8-10P 15P; Consider Sharing
Reception	1	239	239	2	75	150	1.00	150	
Workstations	1	1,838	1,838	12	75	900	1.15	1,035	
Office - Chair	1	199	199	1	150	150	1.30	195	
Office	14	130	1,818	14	120	1,680	1.30	2,184	
Office - Shared	2	193	386	2	200	400	1.30	520	
Unused Office	2	124	247	-	-	-	-	-	
Files	1	100	100	1	100	100	1.30	130	
Conference Room	1	209	209	1	400	400	1.30	520	
Storage	1	303	303	2	200	400	1.30	520	
Sub Total			5,570			4,380		5,454	
<i>Psychiatry Admin</i>									
Waiting	1	80	80	1	100	100	1.00	100	HC = 9 Seating for 3-4P Alcove
Reception	1	210	210	2	75	150	1.00	150	
Office - Chair	1	247	247	1	150	150	1.30	195	
Office	6	101	608	6	120	720	1.30	936	
Unused Office	1	119	119	-	-	-	-	-	
Workroom	1	100	100	1	150	150	1.30	195	
Kitchenette	1	58	58	1	40	40	1.30	52	
Sub Total			1,422			1,310		1,628	
<i>Public Affairs Admin</i>									
Waiting	-	-	-	1	100	100	1.00	100	HC = 3 Seating for 3-4P 4P; Consider Sharing Alcove Alcove
Reception	1	60	60	1	75	75	1.00	75	
Office - Chair	1	244	244	1	200	200	1.30	260	
Office	2	142	283	2	120	240	1.30	312	
Unused Office	1	100	100	-	-	-	-	-	
Conference	1	84	84	1	120	120	1.30	156	
Workroom	1	40	40	1	40	40	1.30	52	
Kitchenette	1	40	40	1	40	40	1.30	52	
Storage	1	53	53	1	100	100	1.30	130	
Sub Total			904			915		1,137	

**University of Kansas - Medical Center
Administration**

Room Name	Existing			Proposed					Comments:	
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF		
<i>Rural Health Admin</i>										
Waiting	1	500	500	1	200	200	1.00	200	HC = 11 Seating for 8-10P	
Reception	-	-	incl. above	1	75	75	1.00	75		
Office - Chair	1	214	214	1	150	150	1.30	195	Shered by 2P Consider Sharing Consider Sharing	
Office	7	102	713	9	120	1,080	1.30	1,404		
Office - Shared	1	153	153	-	-	-	-	-		
Unused Office	1	81	81	-	-	-	-	-		
Kitchenette	1	400	400	1	150	150	1.30	195		
Workroom/Files	1	71	71	1	100	100	1.30	130		
Conference	1	350	350	1	350	350	1.30	455		
Sub Total			2,482			2,105		2,654		
<i>WCGME / GME Admin</i>										
Waiting	1	143	143	1	200	200	1.00	200	HC = 6 Seating for 8-10P	
Reception	-	-	incl. above	1	75	75	1.00	75		
Office - Chair	1	304	304	1	150	150	1.30	195	6-8P; Consider Sharing	
Office	3	109	326	3	120	360	1.30	468		
Office - Open	1	247	247	1	250	250	1.30	325		
Conference Room	1	153	153	1	150	150	1.30	195		
Kitchenette	1	89	89	1	100	100	1.30	130		
Storage	1	42	42	1	100	100	1.30	130		
Sub Total			1,304			1,385		1,718		
<i>Staff/Faculty Support</i>										
Staff/Faculty Lounge	-	-	-	1	500	500	1.30	650	Consider Sharing Lounge & kitchenette	
Kitchenette	1	191	191	-	-	-	-	-		
Personal Health Room	-	-	-	2	80	160	1.30	208		
General Storage	-	-	-	1	100	100	1.30	130		
Sub Total			191			760		988		

**University of Kansas - Medical Center
Administration**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Facilities Services</i>									
Waiting	-	-	-	1	48	48	1.00	48	HC = 11 - Consider Sharing 12sf/person = 4P Alcove
Reception	1	96	96	1	75	75	1.00	75	
Offices	5	122	608	5	120	600	1.30	780	
Kitchenette	1	40	40	1	40	40	1.30	52	
Storage	5	387	1,937	3	650	1,950	1.30	2,535	
Sub Total			2,681			2,713		3,490	
<i>Building Security</i>									
Control Station	1	140	140	1	140	140	1.30	182	HC = 3 - Consider Sharing
Office	2	126	252	2	120	240	1.30	312	
Sub Total			392			380		494	
Administration Total NSF			36,388	32,129			40,206		

**University of Kansas - Medical Center
Academic Home**

Room Name	Existing			Proposed					Comments: Consider all for Shared Use
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Gathering Area</i>									
Main Lobby	1	1,225	1,225	1	800	800	1.30	1,040	Used for additional seating and study space
Sub Total			1,225			800		1,040	
<i>Student Study/Lounge</i>									
Student Lounge/Union	3	1,055	3,165	2	1,800	3,600	1.10	3,960	Flexible, can evolve to meet student needs/wants
Student Work Rooms	5	136	680	6	200	1,200	1.30	1,560	6-8P
Student Study Rooms	4	56	224	6	120	720	1.30	936	1-3P
Personal Health Room	1	188	188	1	80	80	1.40	112	
Accessible/Single User Toilet	-	-	-	4	64	256	1.40	358	in addition to building-wide restrooms
Sub Total			4,257			5,856		6,926	
<i>Library</i>									
Library	2	1,701	3,402	1	3,400		1.30	0	HC = 2
Circulation Desk/Copy	1	78	78	1	80	80	1.30	104	Resource materials, open meeting and study
Librarian Office	2	146	292	2	120	240	1.30	312	
Study Rooms	3	122	365	3	120	360	1.30	468	
History Room	1	182	182	1	180	180	1.30	234	
Storage/Workroom	1	100	100	1	100	100	1.30	130	Librarian office work area
Processing/Storage	1	293	293	1	300	300	1.30	390	Work area with sink
Sub Total			4,712			1,260		1,638	
<i>Fitness</i>									
Fitness Area	1	722	722	1	1,500	1,500	1.25	1,875	Student, staff, & faculty use
Locker Room	2	117	234	2	200	400	1.33	532	Lockers, toilets, changing, etc.
Sub Total			956			1,900		2,407	
<i>Food Service</i>									
Vending/Snack Bar	1	295	295	1	400	400	1.10	440	Lounge & Vending
Kitchenette	1	119	119	1	150	150	1.10	165	
Sub Total			414			550		605	
Academic Home Spaces Total NSF			11,564			10,366		12,616	

**University of Kansas - Medical Center
Classrooms**

Room Name	Existing			Proposed					Comments: Consider all for Shared Use	
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF		
<i>Large Auditorium</i>										
Roberts Amphitheater	1	1,960	1,960	1	1,960	1,960	1.25	2,450	Approx. 200 seats; Low classroom utilization, mostly for events. Consider Sharing	
Classroom Support	1	199	199	1	200	200	1.25	250		
Classroom Support	1	136	136	1	140	140	1.25	175		
Sub Total			2,295			2,300		2,875		
<i>General Classrooms</i>										
Sunflower Room	1	1,253	1,253	1	1,250	1,250	1.25	1,563	Approx. 50 seats; Low classroom utilization; Consider Sharing 40P; very low classroom use; Consider Sharing 40P; Consider Sharing 25-30P; Consider Sharing 40P; Consider Sharing	
Meadowlark Room	1	839	839	1	840	840	1.25	1,050		
Santa Fe Room	1	944	944	1	950	950	1.25	1,188		
PC Classroom	1	604	604	1	600	600	1.25	750		
Wichita Room	1	951	951	1	950	950	1.25	1,188		
Class Capture Support	1	174	174	1	175	175	1.25	219		
Table and Chair Storage	1	251	251	1	250	250	1.25	313		
Sub Total			4,591			4,590		5,738		
<i>Conference/Seminar Rooms</i>										
Prairie Room	1	332	332	1	350	350	1.25	438	(not shown on class schedules)	
Kansas Room	1	437	437	1	450	450	1.25	563		
Great Plains Room	1	272	272	1	300	300	1.25	375		
Flint Hills Room	1	446	446	1	450	450	1.25	563		
Cottonwood Room	1	336	336	1	350	350	1.25	438		
Great Plains Room	1	272	272	1	300	300	1.25	375		
Roberts Conference Room	1	494	494	1	500	500	1.25	625		
Chaney Room	1	606	606	1	500	500	1.25	625		
Sub Total			3,195			3,200		4,000		
Classrooms Total NSF			10,081				10,090		12,613	

**University of Kansas - Medical Center
Medical Sciences**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Home Rooms</i> Classroom	8	391	3124	8	400	3200	1.25	4000	Dedicated home room per 7-10 students; adjacent to student lounge
Sub Total			3,124			3,200		4,000	
Medical Sciences Total NSF			3,124			3,200		4,000	

**University of Kansas - Medical Center
Simulation Center**

Room Name	Existing			Proposed					Comments: Consider all for Shared Use
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Simulation Center</i>									HC = 6
Waiting	-	-	-	1	100	100	1.00	100	12sf/person = 5P
Simulation Room	1	890	890	4	500	2,000	1.25	2,500	2 Med/Surg; 1 ICU; 1 LDRP
Observation Room	1	267	267	2	200	400	1.30	520	4P
Moulage	-	-	-	1	250	250	1.30	325	
Storage	-	-	-	2	250	500	1.30	650	
Debrief	1	286	286	2	300	600	1.30	780	12-15P; Recording/play back; consider sharing for study space
Office	1	131	131	3	120	360	1.30	468	
Office	-	-	-	1	200	200	1.30	260	
Sub Total			1,574			4,410		5,603	
Simulation Center Total NSF			1,574			4,410		5,603	

**University of Kansas - Medical Center
Standardized Patients**

Room Name	Existing			Proposed					Comments: Consider all for Shared Use	
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF		
<i>Exam Suite</i>										
Waiting Room	-	-	-	1	200	200	1.00	200	Seating for 8-10P Charting alcove outside rooms; sinks 12-15P, consider sharing for study space Achieved through recording	
Reception	-	-	-	1	75	75	1.40	105		
Exam Room	12	134	1611	20	150	3,000	1.30	3,900		
Debrief	-	-	-	4	300	1,200	1.30	1,560		
Observation	1	146	146	-	-	-	-	-		
Recording Room	1	80	80	1	240	240	1.30	312		
Sub Total			1837			4,715		6,077		
<i>Administration/Support</i>										
Offices	4	121	485	4	120	480	1.30	624	HC = 4 12-15P; Used for SP training, consider sharing Consider sharing Full-height lockers in suite	
Conference Room	1	285	285	1	300	300	1.30	390		
Kitchenette	-	-	-	1	150	150	1.30	195		
Locker Room	-	-	-	1	100	100	1.30	130		
Accessible Toilet	-	-	-	1	64	64	1.40	90		
Sub Total			770			1,094		1,429		
Standardized Patients Total NSF			2,607				5,809		7,506	

**University of Kansas - Medical Center
Center for Clinical Research**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Research Clinic</i>									
Waiting	-	-	-	1	150	150	1.00	150	Seating for 5-6P
Reception	1	420	420	2	75	150	1.30	195	
Exam Rooms	2	162	324	6	150	900	1.30	1,170	
Research	2	125	250	2	125	250	1.30	325	
Lab	1	194	194	2	250	500	1.30	650	
Storage	-	-	-	1	100	100	1.30	130	
Sub Total			1,188			2,050		2,620	
Clinical Research Total NSF			1,188			2,050		2,620	

**University of Kansas - School of Pharmacy
Pharmacy**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Pharmacy Lab</i>									
Model / Licensed Pharmacy	1	574	574	1	600	600	1.30	780	3 Workstation Pods. 1-3 pods am, 2 pods pm Adjacent to skills lab Adjacent to skills lab; Door connection between IV Supply & IV Clean Adjacent to skills lab Adjacent to Lab Shared resident room
Pharmacy Skills Lab	1	1,679	1,679	1	3,160	3,160	1.25	3,950	
Lab Storage	1	130	130	2	120	240	1.30	312	
IV Clean Room	1	117	117	1	120	120	1.30	156	
IV Observation	1	59	59	1	120	120	1.30	156	
IV Supply	-	-	-	1	200	200	1.30	260	
Shared Office - Lab Instructors	-	-	-	1	300	300	1.30	390	
Resident Room - Shared	-	-	-	1	250	250	1.30	325	
Sub Total			2,559			4,990		6,329	
<i>Standardized Patients</i>									
Exam Room	-	-	shared	-	-	shared	-	-	Shared; Used approx. 100 hours/year; See Standardized Patients Space Summary
Sub Total			0			0		0	
<i>Simulation Center</i>									
Simulation	-	-	shared	-	-	shared	-	-	Shared; Used 24 hours/semester; See Simulation Center Space Summary
Sub Total			0			0		0	
<i>Classrooms</i>									
Classroom	1	951	951	1	850	850	1.25	1,063	match size of room 2315; 40P; direct access to Pharmacy Lab; Consider Sharing 40P; Consider Sharing replace with 40 seat room above Small classroom for electives; Access from both corridor and lab; Consider Sharing
Classroom	1	851	851	2	850	1,700	1.25	2,125	
Mount Oread Room	1	466	466	-	-	-	-	-	
Research Elective Room	-	-	-	1	450	450	1.30	585	
Sub Total			2,268			3,000		3,773	

**University of Kansas - School of Pharmacy
Pharmacy**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Academic Home</i>									
Study Room	5	168	842	7	150	1,050	1.30	1,365	Pharmacy student lockers, computer kiosks, printers/copiers, lounge; expanded study space
Student Organizations	1	95	95	1	120	120	1.30	156	
Student Lounge	-	-	shared	1	300	300	1.30	390	
Sub Total			937			1,470		1,911	
<i>Administration</i>									
Waiting	1	400	400	1	200	200	1.00	200	Seating for 8-10P
Reception	-	-	inc. above	1	75	75	1.40	105	Adjacent to reception
Workroom	1	106	106	1	120	120	1.33	160	
Office - Dean's	1	237	237	1	200	200	1.33	266	12-15P; Consider Sharing Consider Sharing
Office	6	127	760	6	120	720	1.33	958	
Resident Office	-	-	-	1	120	120	1.30	156	
Conference Room	1	236	236	1	300	300	1.30	390	
Kitchenette	-	-	-	1	150	150	1.30	195	
Storage	-	-	-	1	100	100	1.40	140	
Sub Total			1,739			1,985		2,569	
Pharmacy Total NSF			7,503	11,445			14,582		

**University of Kansas - Medical Center
ProMetric Testing Center**

Room Name	Existing			Proposed					Comments: Consider all for Shared Use
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Testing Center</i>									
Reception	1	353	353	1	300	300	1.00	300	Seating for 12-15P Approx. 12 stations currently
Observation	1	149	149	1	150	150	1.30	195	
Testing Area	1	480	480	1	480	480	1.30	624	
Sub Total			982			930		1,119	
ProMetric Testing Center Total NSF			982			930		1,119	

**University of Kansas - Medical Center
Internal Medicine Clinic**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Clinic</i>									
Waiting	1	1,200	1,200	1	1,200	1,200	1.00	1,200	
Reception / Check-In	1	158	158	2	75	150	1.00	150	
Lab	5	87	433	1	450	450	1.30	585	
X-Ray	1	232	232	1	300	300	1.30	390	
Nurse Station	1	227	227	1	250	250	1.30	325	
Treatment/Exam Room	19	98	1,861	19	100	1,900	1.30	2,470	
Storage	6	70	420	2	200	400	1.30	520	
Sub Total			4,531			4,650		5,640	
<i>Administration/Support</i>									
Offices	27	123	3329	27	120	3,240	1.30	4,212	12-15P; Consider Sharing
Conference Room	1	275	275	1	300	300	1.30	390	
Workroom	1	110	110	1	150	150	1.30	195	
Storage	-	-	-	1	100	100	1.30	130	
Sub Total			3,714			3,790		4,927	
Internal Medicine Clinic Total NSF			8,245				8,440	10,567	

**University of Kansas - Medical Center
Psychiatry Clinic**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Clinic</i>									
Waiting	1	416	416	1	300	300	1.00	300	12sf/person = 25P
Reception / Check-In	1	355	355	2	75	150	1.00	150	
Records/Storage	-	-	incl. above	1	200	200	1.30	260	
Office / Treatment Rooms	20	145	2,903	20	145	2,900	1.30	3,770	sofa, chair, desk
Storage	2	108	216	2	100	200	1.30	260	
Accessible Toilets	-	-	-	2	80	160	1.30	208	
Sub Total			3,890			3,910		4,948	
<i>Administration/Support</i>									
Offices	6	139	833	6	120	720	1.30	936	
Admin Open Office	3	varies	200	3	200	600	1.30	780	2P shared
Conference Room	1	468	468	1	300	300	1.30	390	12-15P; Consider Sharing
Workroom	1	285	285	1	150	150	1.30	195	
Storage	1	29	29	1	100	100	1.30	130	
Sub Total			1,815			1,870		2,431	
Psychiatry Clinic Total NSF			5,705			5,780		7,379	

University of Kansas - Medical Center
Medical Clinic
(32nd Street)

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Clinic</i>									
Waiting (Open Use)	1	1,045	1,045	1	1,000	1,000	1.00	1,000	Seating for 40-50P
Front Desk	2	425	850	2	75	150	1.00	150	
Copy/Work	-	-	-	1	300	300	1.30	390	
Nurse Station	1	75	75	1	150	150	1.30	195	
Exam Room	18	93	1,674	18	120	2,160	1.30	2,808	
Exam Room - Peds	18	93	1,674	18	120	2,160	1.30	2,808	
Exam Room - GI	10	121	1,210	10	120	1,200	1.30	1,560	
Lab	1	567	567	1	600	600	1.25	750	
X-Ray	1	287	287	1	300	300	1.30	390	
Procedure Room	2	284	568	2	300	600	1.30	780	
Patient Room	1	1240	1,240	1	1,240	1,240	1.10	1,364	
Storage	1	201	201	1	200	200	1.30	260	
Sub Total			9,391			10,060		12,455	
<i>Administration/Support</i>									
Offices	4	161	644	4	120	480	1.30	624	(2 GI offices)
Faculty Office	13	150	1,950	13	120	1,560	1.30	2,028	12-15P; Consider Sharing
Conference Room	-	-	-	1	300	300	1.30	390	
Storage	-	-	-	1	200	200	1.30	260	
Sub Total			2,594			2,540		3,302	
Medical Clinic Total NSF			11,985	12,600			15,757		

**University of Kansas - Medical Center
Pediatric Clinic with Infusion Center**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Clinic</i> Pediatric Clinic	1	27,000	27,000	1	27,000	27,000	1.25	33,750	
Sub Total			27,000			27,000		33,750	
<i>Infusion Center</i>	-	-	-	1	10,000	10,000	1.25	12,500	
Sub Total			0			10,000		12,500	
Pediatric Clinic Total NSF			27,000			37,000		46,250	

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>College of Health Professions Admin</i>									
Waiting	1	375	375	1	300	300	1.00	300	Seating for 8-10 Reception plus waiting for 4 Consider Sharing 12-15P; Can be Shared
Reception	-	-	incl. above	1	75	75	1.00	75	
Work Room	1	184	184	1	150	150	1.30	195	
Office - Dean	1	185	185	1	200	200	1.30	260	
Offices - Dean's Suite	5	132	658	8	120	960	1.30	1,248	
Unused Office	5	133	664	-	-	-	-	-	
Offices	8	136	1,086	5	120	600	1.30	780	
Advising Reception	1	102	102	1	200	200	1.00	200	
Advising Offices	6	130	778	6	120	720	1.30	936	
Records Storage	-	-	-	1	100	100	1.30	130	
Break Room	-	-	-	1	100	100	1.30	130	
Conference Room	2	236	471	2	300	600	1.30	780	
Sub Total			4,503			4,005		5,034	
<i>Office of Testing Services</i>									
Offices	2	304	608	2	300	600	1.30	780	Workstations need 60 Stations 8 stations
Computer Testing	1	1,236	1,236	2	1200	2,400	1.30	3,120	
Printing and Laptops	1	124	124	1	120	120	1.30	156	
Storage	1	326	326	1	326	326	1.30	424	
Student Lab	1	656	656	1	650	650	1.30	845	
Sub Total			2,950			3,446		5,325	
<i>Communication Sciences & Disorders Admin</i>									
Waiting	1	230	230	1	144	144	1.00	144	12 sf/person = 10-12P Workstations for Grad Students 15-20P; Can be Shared Alcove Can be future office
Reception	-	-	incl. above	1	75	75	1.00	75	
Work Room	1	120	120	1	120	120	1.30	156	
Office - Chair	1	191	191	1	150	150	1.30	195	
Office	10	126	1,264	10	120	1,200	1.30	1,560	
Future Office	-	-	-	2	120	240	1.30	312	
Shared Office	1	236	236	1	236	236	1.30	307	
Conference Room	-	-	-	1	400	400	1.30	520	
Kitchenette	1	67	67	1	40	40	1.30	52	
Storage	1	117	117	1	120	120	1.30	156	
Library	1	132	132	1	120	120	1.30	156	
Sub Total			2,357			2,845		3,633	

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Medical Laboratory Sciences Admin</i>									
Waiting	1	195	195	1	144	144	1.00	144	12 sf/person = 10-12P Consider Sharing
Reception	-	-	incl. above	1	75	75	1.00	75	
Office	5	142	712	5	120	600	1.30	780	
Unused Office	1	123	123	-	-	-	-	-	
Future Office	-	-	-	1	120	120	1.30	156	
Break Room	1	199	199	1	150	150	1.30	195	
Storage	-	-	-	1	100	100	1.30	130	
Sub Total			1,229			1,189		1,480	
<i>Physical Therapy Admin</i>									
Waiting	1	100	100	1	150	150	1.00	150	Seating for 4-5P Includes growth Includes growth not needed 6-8P; Can be Shared 20P; Can be Shared Consider Sharing Shared; See WSU Academic Home
Reception	-	-	incl. above	1	75	75	1.00	75	
Work Room	1	100	100	1	120	120	1.30	156	
Office - Chair	1	244	244	1	150	150	1.30	195	
Offices	9	121	1,089	17	120	2,040	1.30	2,652	
Office - Open	1	300	300	-	-	-	1.25	-	
Conference Room - Small	1	130	shared	1	150	150	1.30	195	
Conference Room	1	325	325	1	450	450	1.30	585	
Break Room	1	275	shared	1	150	150	1.30	195	
Phone Room	1	42	shared	1	50	shared	1.30	shared	
Sub Total			2,158			3,285		4,203	
<i>Physician Assistant Admin</i>									
Waiting	1	100	100	1	150	150	1.00	150	Seating for 4-5P Includes growth not needed 6-8P; Can be Shared 20P; Can be Shared Consider Sharing Shared; See WSU Academic Home
Reception	-	-	incl. above	1	75	75	1.00	75	
Work Room	1	100	100	1	120	120	1.30	156	
Office - Chair	1	244	244	1	150	150	1.30	195	
Offices	10	122	1,220	16	120	1,920	1.30	2,496	
Office - Open	1	300	300	-	-	-	1.25	-	
Conference Room - Small	1	130	130	1	150	150	1.30	195	
Conference Room	1	325	shared	1	450	450	1.30	585	
Break Room	1	275	275	1	150	150	1.30	195	
Phone Room	1	42	42	1	50	shared	1.30	shared	
Files	2	129	258	1	200	200	1.30	260	
Sub Total			2,669			3,365		4,307	

Room Name	Existing			Proposed					Comments:	
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF		
<i>Public Health Sciences Admin</i>										
Waiting	1	265	265	1	150	150	1.00	150	Seating for 4-5P	
Reception	-	-	incl. above	1	75	75	1.00	75		
Work Room	-	-	-	1	120	120	1.30	156		
Office - Chair	1	147	147	1	150	150	1.30	195		
Office	13	126	1,639	13	120	1,560	1.30	2,028		
Shared Office	1	210	210	1	300	300	1.30	390		Workstations for GTAs Consider Sharing
Break Room	1	90	90	1	150	150	1.30	195		
Storage	2	82	164	1	100	100	1.30	130		
Sub Total			2,515			2,605		3,319		
<i>School of Nursing Admin</i>										
Waiting	1	350	350	1	200	200	1.00	200	Seating for 8-10P	
Reception	-	-	incl. above	1	75	75	1.00	75		
Work Room	1	109	109	1	150	150	1.30	195		
Office - Chair	1	300	300	1	150	150	1.30	195		
Office - Director	2	289	578	2	150	300	1.30	390		
Offices	40	120	4,800	40	120	4,800	1.30	6,240		
Conference Room	1	270	270	1	300	300	1.30	390		12-15P; Can be Shared Consider Sharing
Break Room	1	284	284	1	150	150	1.30	195		
Storage	2	145	289	2	120	240	1.30	312		
			6,630			6,365		8,192		
Administration Total NSF			22,853			23,820		31,290		

Room Name	Existing			Proposed					Comments: Consider all for Shared Use	
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF		
<i>Gathering Area</i>										
Lobby Seating	2	600	1,200	3	500	1,500	1.00	1,500	Shared	
Sub Total			1,200			1,500		1,500		
<i>Student Study/Lounge</i>										
Lounge	3	502	1,506	3	500	1,500	1.00	1,500	Shared	
Study Rooms (OT)	8	99	793	18	100	1,800	1.30	2,340	Varying Sizes; Shared	
Study Lounge	1	300	300	1	300	300	1.30	390	Shared	
Student Organizations	1	121	121	1	150	150	1.30	195	6-8P; storage and meeting space	
Conference Room / Project Room	-	-	-	2	200	400	1.30	520	8-10P; Can be Shared	
Locker Room/Changing Areas	-	-	-	2	600	1,200	1.40	1,680	Shared	
Personal Health Room	1	43	43	1	80	80	1.40	112	Shared	
Accessible/Single User Toilet	-	-	-	2	64	128	1.40	179	Shared	
Phone Booth	1	43	43	1	50	50	1.40	70	Shared	
Sub Total			2,806			5,608		6,986		
<i>Food Service</i>										
Vending (AH)	1	174	174	1	200	200	1.30	260		
Break Room / Kitchenette / Vending	1	940	940	1	900	shared	1.25	shared		
Sub Total			1,114			200		260		
Academic Home Total NSF			5,120				7,308			8,746

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Scientific Foundations Lab</i>									
Simulation Lab	1	718	718	1	720	720	1.30	936	28P; moveable tables and chairs sink 20 stations
Wet Lab	1	92	92	1	100	100	1.40	140	
Microscopy Lab	1	329	329	1	330	330	1.30	429	
Sub Total			1,139			1,150		1,505	
<i>Gross Anatomy Lab</i>									
Anatomy Lab	1	1,627	1,627	1	2,000	2,000	1.30	2,600	8 cadavers now, expanding to 10
Lab Support	1	229	229	1	400	400	1.40	560	
Dry Lab	1	875	875	1	875	875	1.30	1,138	
Sub Total			2,731			3,275		4,298	
<i>Flex Space</i>									
Future Centers	-	-	-	1	2,000	2,000	1.25	2,500	
Sub Total			0			2,000		2,500	
<i>Auditorium</i>									
Lecture Hall 201	1	2,010	2,010	1	2,010	2,010	1.25	2,513	Consider for Sharing Consider for Sharing
Lecture Hall 200	1	2,504	2,504	1	2,504	2,504	1.25	3,130	
Lecture Support	2	59	117	2	100	200	1.30	260	
Sub Total			4,631			4,714		5,903	

Wichita State University
College of Health Professions

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>General Classrooms</i>									Consider all for Shared Use
Classroom 104	1	626	626	1	800	800	1.25	1,000	30P
Classroom 110	1	1,323	1,323	1	1,400	1,400	1.25	1,750	
Classroom 110A	1	1,323	1,323	1	1,400	1,400	1.25	1,750	
Classroom 129	1	687	687	1	900	900	1.25	1,125	32P
Classroom 208	1	1,052	1,052	1	1,000	1,000	1.25	1,250	53P
Classroom 210	1	613	613	1	600	600	1.25	750	
Classroom 214	1	924	924	1	950	950	1.25	1,188	
Classroom 300	1	1,281	1,281	1	1,300	1,300	1.25	1,625	
Classroom 302	1	1,282	1,282	1	1,300	1,300	1.25	1,625	
Classroom C134	1	1,595	1,595	1	1,800	1,800	1.25	2,250	70P
Classroom C133	1	1,992	1,992	1	1,800	1,800	1.25	2,250	70P
Sub Total			12,698			13,250		16,563	
<i>Conference/Seminar Rooms</i>									not on registrar's schedule; Consider Sharing
Classroom 218	1	605	605	1	600	600	1.25	750	
Conference 410	1	314	314	1	350	350	1.30	455	30P;
Conference 425	1	404	404	1	400	400	1.30	520	
Conference 429	1	314	314	1	450	450	1.30	585	
Sub Total			1,032			1,200		1,560	
College of Health Professions Total NSF			22,231				25,589	32,328	

Wichita State University
Communication Sciences & Disorders

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Research Labs</i>									
Waiting	-	-	-	1	200	shared	1.00	-	Shared with Clinic or Department
Reception	-	-	-	1	75	shared	1.00	-	Shared with Clinic or Department
Audiology Lab	1	209	209	1	370	370	1.30	481	5 stations currently, 10 future
Research Offices	6	99	596	6	120	720	1.30	936	Observation and Research adjacent to booths
Participant Waiting Area	1	95	95	1	120	120	1.30	156	
Sound Booths (pair)	4	200	800	5	200	1,000	1.33	1,330	4 pairs existing, 5 future; co-located w/offices
Storage	1	59	59	1	100	100	1.30	130	
Sub Total			1,759			2,310		3,033	
<i>Classrooms</i>									
Audiology Classroom	1	384	384	1	400	400	1.25	500	12P; near Audiology Lab; Can be Shared
General Classrooms	4	1305	shared	4	1300	shared	1.25	-	40P; Shared; See WSU CHP
Sub Total			384			400		500	
CSD Total NSF			2,143	2,710			3,533		

**Wichita State University
Medical Laboratory Sciences**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Laboratory</i>									
Class Lab	2	1,333	2,666	2	1,600	3,200	1.25	4,000	Anticipate 25% increase in enrollment/research over next 5 years Need to include demo stations Prep, freezers, autoclave, etc. Walk ins, etc
Lab Support	2	417	833	2	500	1,000	1.33	1,330	
Storage	3	82	246	3	100	300	1.40	420	
Sub Total			3,745			4,500		5,750	
<i>Academic Home</i>									
Study Lounge	1	382	382	1	900	900	1.25	1,125	32P; Consider Sharing
Sub Total			382			900		1,125	
<i>Classrooms</i>									
General Classroom 129	1	687	shared	1	900	shared	1.25	-	32P; used 1/hr/wk; Shared; See WSU CHP
Sub Total			0			0		0	
Med Lab Sciences Labs Total NSF			4,127	5,400			6,875		

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Classrooms</i> General Classrooms	7	varies	shared	7	varies	shared	1.25	-	Class sizes vary 30 - 120 students
Sub Total			0			0		0	
PHS Total NSF			0			0		0	

**Wichita State University
Physician Assistant**

Room Name	Existing			Proposed					Comments:	
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF		
<i>Laboratories/Exam</i>										
Exam Rooms	4	118	shared	10	150	shared	1.30	shared	With recording/observation; See WSU Tech; Shared	
Clinical Skills Lab B136	1	1,397	1,397	1	2,100	2,100	1.25	2,625	12 exam tables w/ classroom space; Shared w/ WSU Tech/PA/PT	
Simulation Room B138	1	533	533	1	1,000	1,000	1.25	1,250	200% increase to accommodate new sim equip. & increased class size; 4 Med/Surg	
Control Room B138A	1	143	143	2	150	300	1.33	399		
Anatomy Lab	1	1,627	shared	1	2,000	shared	1.30	shared	Shared; See WSU CHP	
Anatomy Lab Support	1	229	shared	1	400	shared	1.30	shared	Shared; See WSU CHP	
Equipment Storage	1	585	585	1	585	585	1.30	761		
Sub Total			2,658			3,985		5,035		
<i>Academic Home</i>										
Study Rooms	8	99	shared	1	1,800	shared	1.25	shared	Varying Sizes; Shared; See WSU Academic Home	
Break Room / Kitchenette / Vending	1	940	shared	1	900	shared	1.25	shared	Shared; See WSU Academic Home	
Lockers	-	-	-	1	600	600	1.15	690	120 lockers needed for (2) cohorts of 60P	
Locker Room/Changing Areas	-	-	-	2	600	shared	1.25	shared	Shared; See WSU Academic Home	
Sub Total			0			600		690		
<i>Classrooms</i>										
General Classroom C133	1	1,992	shared	1	1,800	shared	1.25	shared	70P Shared	
General Classroom C134	1	1,595	shared	1	1,800	shared	1.25	shared	30sf/person = 60P; Used by PA 8hr/day X 9 days/yr + 2 weeks April/May; See WSU CHP	
Sub Total			0			0		0		
PA Spaces Total NSF			2,658				4,585			5,725

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Laboratories</i>									
PT Lab	2	1,705	3,410	-	-	-	-	-	
PT Lab - Hi/Lo Large	-	-	-	2	3,500	7,000	1.25	8,750	2 Rooms of 30 plinths each
PT Lab - Hi/Lo Small	1	1,173	1,173	1	1,600	1,600	1.25	2,000	12 plinths
PT Lab - Mat	-	-	-	1	6,000	6,000	1.25	7,500	15 Mats total (4 students each)
PT Lab - Therex	-	-	-	1	2,000	2,000	1.25	2,500	1 Mat table for demonstration; Incl. movement activities, simulation space for ADL activities; adjacent storage
PT Exercise Research	1	1,150	1,150	1	2,500	2,500	1.25	3,125	Motion analysis lab, high ceilings, suspended gait system/treadmill; postpartum treatment/exercise class
PT Lab Storage	1	117	117	1	200	200	1.33	266	
Skills Lab B136	1	1,397	shared	1	-	-	-	-	Shared; See WSU PA
Home Health	-	-	-	-	-	-	-	-	See Nursing Simulation
Instructional Equipment Storage	1	368	368	1	400	400	1.33	532	
Sub Total			6,218			19,700		24,673	
<i>Academic Home</i>									
Study Rooms	8	99	shared	10	100	shared	1.25	shared	Varying Sizes; Shared; See WSU Academic Home
Break Room / Kitchenette / Vending	1	940	shared	1	900	shared	1.25	shared	Shared; See WSU Academic Home
Sub Total			0			0		0	
<i>Classrooms</i>									
General Classroom 134	1	1,595	shared	1	1,600	shared	1.30	shared	See WSU CHP for General Use Classrooms
Sub Total			0			0		0	
PT Spaces Total NSF			6,218	19,700			24,673		

Notes: Class Size: Currently approved for 40, target growth to 60/cohort
 Currently 3 cohorts of 40
 Potential collaboration opportunities with Athletic Training, PA, Nursing, and Communication Sciences/Disorders

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Laboratory/Exams</i>									
Skills / Assessment Lab 101	1	796	796	-	-	-	-	-	6 Bed Lab
Skills / Assessment Lab 220	1	1,330	1,330	3	1,350	4,050	1.25	5,063	8 Bed Lab, 10 Bed Lab
Skills Lab Support	1	293	293						
Simulation Lab 204	1	787	787						
Observation Room	1	191	191						
Med Supply Room	1	350	350						
Exam Rooms 205	4	114	457	10	150	1,500	1.33	1,995	Shared; w/ observation/recording
Exam Control Room	1	194	194	5	150	750	1.33	998	Shared, adjacent to exam rooms
Simulation Lab 308	1	787	787						
Observation/Debrief Rooms	2	136	271						
Sub Total			5,456			6,300		8,055	
<i>Classrooms</i>									
General Classroom 110	1	1,323	shared	-	-	-	-	-	Shared - See WSU CHP
General Classroom 110A	1	1,323	shared	-	-	-	-	-	Shared - See WSU CHP
General Classroom 300	1	1,281	shared	-	-	-	-	-	Shared - See WSU CHP
General Classroom 302	1	1,282	shared	-	-	-	-	-	Shared - See WSU CHP
Nursing Classroom 301	1	1,757	1,757	1	2,000	2,000	1.25	2,500	30sf/person = 66P; Can be Shared
Break Room / Kitchenette	1	236	236	-	-	-	-	-	Can be Shared; See WSU Academic Home
Sub Total			1,993			2,000		2,500	
<i>Academic Home</i>									
Lobby/Study/Lounge	3	300	shared	-	-	-	-	-	Shared - See WSU Academic Home
Vending	1	174	shared	-	-	-	-	-	Shared - See WSU Academic Home
Sub Total			0			0		0	
School of Nursing Total NSF			7,449			8,300		10,555	

Wichita State University
Speech, Language & Hearing Clinic

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Speech Pathology Clinic</i>									
Waiting Room	1	500	500	1	650	650	1.00	650	Seating for 20-25P
Reception	1	156	156	2	75	150	1.00	150	Shared
Drop Box	-	-	incl. above	1	2	2	1.00	2	Hearing aid drop-off; Shared
Secure Files/Work Room	1	205	205	1	200	200	1.30	260	
Research Lab	1	326	326	1	350	350	1.30	455	8P for communication device research/recording
Lab Storage	2	9	18	1	20	20	1.30	26	
Autism Lab	1	528	528	2	550	1,100	1.30	1,430	
Observation Room	1	148	148	1	250	250	1.30	325	large enough for a team of observers
Pediatric Treatment Lab	2	96	192	2	120	240	1.30	312	
Observation Room	1	93	93	1	120	120	1.30	156	
Research Lab	1	154	154	1	155	155	1.30	202	
Observation Room	1	109	109	1	120	120	1.30	156	
Lab Storage	1	48	48	1	20	20	1.30	26	
Research Lab	1	133	133	1	135	135	1.30	176	
Observation Office	1	142	142	1	120	120	1.30	156	
Audiology Lab	1	233	233	1	350	350	1.30	455	3 separate zones plus sink/clean up area
Small Therapy Room	2	116	232	2	120	240	1.30	312	
Adult Therapy Room	1	138	138	1	150	150	1.30	195	4P
Pediatric Therapy	3	146	438	3	150	450	1.30	585	
Observation Room	1	160	160	1	160	160	1.30	208	
Small Therapy Rooms	4	118	472	4	120	480	1.30	624	
Observation Room	1	195	195	1	200	200	1.30	260	
LINK Lab	1	432	432	2	450	900	1.30	1,170	
Observation Room	1	128	128	1	160	160	1.30	208	4 digital stations
Group Therapy	1	464	464	2	450	900	1.30	1,170	
Sensory Room	-	-	-	1	550	550	1.30	715	Moveable furniture, open center
Quiet Room	1	125	125	1	120	120	1.30	156	
Research Lab	1	113	113	1	120	120	1.30	156	
Materials Room	1	807	807	1	850	850	1.30	1,105	
Office	5	156	779	8	120	960	1.30	1,248	Change shared office into 4 private offices
AIT Office	1	113	113	1	120	120	1.30	156	
Autism Supplies	1	116	116	2	120	240	1.30	312	Add cleaning room
Conference Room	1	420	420	1	450	450	1.30	585	12-15P; Can be Shared
Work/Break Room	-	-	-	1	300	300	1.30	390	Consider Sharing
Accessible Single User Restrooms	2	82	164	4	80	320	1.30	416	
Sub Total			8,281			11,652		14,907	

Wichita State University
Speech, Language & Hearing Clinic

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Exterior Spaces</i>									
Therapy Playground	1	2,000	-	1	5000	-	1.25	-	not included in sf exterior
Sub Total			0			0		0	
<i>Audiology Clinic</i>									
Audiology Lab	2	280	560	2	280	560	1.30	728	Audiology and Vestibular
Small Group Room	-	-	-	1	300	300	1.30	390	
Audiology Hearing Room (booths)	2	371	742	3	400	1,200	1.30	1,560	3 pairs of booths plus research space
Offices	2	135	270	-	-	-	-	-	offices integrated into larger booth research space
Equipment Room	1	30	30	1	50	50	1.40	70	storage
Sub Total			1,602			2,110		2,748	
<i>Academic Home</i>									
Student Work Area	1	538	538	1	700	700	1.30	910	30P; Include Break/Work/Lockers-70
Sub Total			538			700		910	
<i>Classroom</i>									
Classroom - Large	1	1025	1,025	1	1100	1,100	1.25	1,375	40-45P; Can be Shared
Kitchenette				1	100	100	1.25	125	Cooking group use
Classroom - Medium	1	625	625	1	800	800	1.25	1,000	40P; Can be Shared
Sub Total			1,650			2,000		2,500	
SLH Clinic Total NSF			12,071			16,462		21,065	

**Wichita State University
Molecular Diagnostics Laboratory**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Laboratory</i>									
Entry	1	635	635	1	635	635	1.25	794	Entry/receiving 5-15P
Specimen Intake/Prep	4	281	1,124	-	-	-	-	-	
Specimen Drop Area	-	-	-	1	100	100	1.30	130	
Receiving Area	-	-	-	1	150	150	1.30	195	
Intake/Prep	-	-	-	1	300	300	1.30	390	
Collection Room / Phlebotomy Clinic	1	633	633	1	300	300	1.30	390	2-3 phlebotomy chairs, storage
Molecular Lab	1	1,920	1,920	2	2,000	4,000	1.25	5,000	2x larger than existing; safety shower
Fume Hood Alcove	-	-	-	2	200	400	1.30	520	4 (6') & 2 (4') portable fume hoods
Clean Reagent Room	-	-	-	1	200	200	1.30	260	directly adjacent to lab
Kit Building / Flex Room	-	-	-	1	400	400	1.30	520	
Biohazard Holding	-	-	-	1	100	100	1.30	130	
Trash Holding	-	-	-	1	75	75	1.40	105	access to dumpsters
Clean Lab Coat Holding	-	-	-	1	75	75	1.40	105	
Locker Room	-	-	-	2	200	400	1.30	520	
Accessible Toilet	-	-	-	1	65	65	1.40	91	
Storage	8	578	4,624	2	600	1,200	1.25	1,500	1 for bulk storage; 1 for lab storage
Sub Total			8,936			8,400		10,650	
<i>Administration/Support</i>									
Office Private	1	138	138	2	120	240	1.30	312	
Office Shared	1	519	519	1	520	520	1.25	650	5-10P; 6 workstations
Business Operations Office	1	545	545	1	545	545	1.25	681	2-4P; combined with receiving, order, purchasing, business operations
Conference Room	-	-	-	1	250	250	1.30	325	10-12P; adjacent to lab; Shared
Break/Vending	1	440	440	1	300	300	1.30	390	after-hours access for 2nd shift required; Consider Sharing
Sub Total			1,642			1,855		2,358	
Molecular Diagnostics Laboratory Total NSF			10,578			10,255		13,008	

**Wichita State University
Psychology Clinic**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Clinic</i>									
Waiting	1	276	276	1	200	200	1.00	200	
Reception / Check-In	-	-	-	1	75	75	1.00	75	
Therapy Room	6	varies	519	6	130	780	1.30	1,014	
Therapy Room - Medium	-	-	-	1	200	200	1.30	260	
Computer Testing	1	196	196	1	200	200	1.30	260	
Student Work Room	1	205	205	1	250	250	1.30	325	
Storage	1	292	292	1	300	300	1.30	390	
Server Room	1	80	80	1	80	80	1.40	112	
Sub Total			1,568			2,085		2,636	
<i>Administration</i>									
Admin Office	-	-	-	2	120	240	1.30	312	
Conference	-	-	-	1	300	300	1.30	390	Consider Sharing
Sub Total			0			540		702	
Psychology Clinic Total NSF			1,568			2,625		3,338	

Wichita State University
WISE Clinical Mental Health Counseling

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Clinic</i>									
Waiting	1	192	192	1	200	200	1.00	200	12sf/person = 15-16P
Reception	1	115	115	1	75	75	1.00	75	
Consult Room	1	75	75	1	75	75	1.00	75	Adjacent to Reception
Copy / Work Room	-	-	-	1	150	150	1.30	195	
Counseling Rooms	6	110	660	12	130	1,560	1.30	2,028	Desk and soft seating 12-15P
Counseling Rooms - Group	2	212	424	1	300	300	1.30	390	
Play Therapy Room	1	117	117	-	-	-	-	-	30sf/person = 30P; Consider Sharing
Sensory Therapy	1	197	197	-	-	-	-	-	
Conference / Observation Rooms	1	120	120	2	160	320	1.30	416	30sf/person = 30P; Consider Sharing
Training Room	1	565	565	2	1,000	2,000	1.25	2,500	
Accessible Toilet	1	69	69	1	64	64	1.40	90	
Storage	-	-	-	1	100	100	1.30	130	
Sub Total			2,534			4,844		6,099	
<i>Administration/Support</i>									
Office - WISE Director	1	130	130	1	150	150	1.30	195	
Office - CARD Director	1	117	117	-	-	-	-	-	
Office - Faculty/GA	-	-	-	12	120	1,440	1.3	1,872	Consider Sharing
Office - Admin Assistant	-	-	-	1	120	120	1.3	156	
Breakroom	-	-	-	1	150	150	1.30	195	
Sub Total			247			1,860		2,418	
WISE Clinical Total NSF			2,781	6,704			8,517		

**Wichita State University
Athletic Training**

Room Name	Existing			Proposed					Comments:	
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF		
<i>Laboratory</i>										
Applied Learning Lab	1	870	870	1	1,300	1,300	1.25	1,625		
Wet Area (Lab)	1	154	154	1	144	144	1.3	187		
Exam Room	1	107	107	2	225	450	1.3	585		
Control Room	-	-	-	1	150	150	1.30	195		
Storage	-	-	-	1	120	120	1.3	156		
Sub Total			1,131			2,164		2,748		
<i>Classrooms / Support</i>										
Classroom	-	-	-	1	600	shared	1.25	shared	Shared	
Sub Total			0			0		0		
<i>Administration</i>										
Office	4	120	480	4	120	480	1.30	624		
Sub Total			480			480		624		
Athletic Training Total NSF			1,611				2,644			3,372

Wichita State University
Human Performance

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Laboratory</i>									
Human Performance Lab	1	2,808	2,808	1	3,200	3,200	1.25	4,000	Improved space for Myofunctional & Neurological Division of the lab; 2-3 Vo2 stations (Manifold system); sinks, dishwasher, secure cabinet storage, incl. lecture area
Biomechanics Lab	1	527	527	-	-	-	-	-	Shared Isokinetic dynamometer system w/ PT
Functional Movement / Biomechanics Lab	-	-	-	1	2,000	2,000	1.25	2,500	Shared w/ PT, OT, AT; high ceilings; Shared Isokinetic dynamometer system w/ PT; Dari Motion Capture; length of room important for functional movement analysis
Lab Prep Room	-	-	-	1	200	200	1.30	260	Lab prep; storage
Neurolab & Articulatory Assessment	1	100	100	2	220	440	1.3	572	Quiet, neuro-cognitive testing; lingual function
Adult Exercise Room	-	-	-	1	1,500	1,500	1.25	1,875	For older adult exercise programs (expand to Cardio rehab & Neuro); located near emergency services; currently located in Heskett Center
Rest/Prone Assessment Room	-	-	-	1	150	150	1.30	195	Shared; massage table for rest, prone, etc. assessments; sink
Sprometry Testing Room	-	-	-	1	150	150	1.30	195	Shared; properly ventilated
Scale Assessment	-	-	-	1	150	150	1.30	195	Stadiometer and bodyweight scale
Hydro Room	-	-	-	1	750	750	1.25	938	9P; Shared; Hydro pool w/ treadmill; Hydroworks
DEXA Scan	1	113	113	1	200	200	1.30	260	Shared w/ PT/PA
Work Room	-	-	-	1	300	300	1.30	390	Adjacent to lab with touchdown workstations & printers; research assistants
Lockers / Changing Room	1	67	67	2	300	600	1.30	780	Half-height lockers, showers, toilets; shared w/ PT
Student Lockers	-	-	-	1	100	100	1.30	130	located near lab entry
Blood Draw / Storage	2	70	140	2	200	400	1.40	560	2 phlebotomy chairs
Accessible Toilet	1	84	84	2	65	130	1.40	182	
Sub Total			3,839			10,270		13,032	

Wichita State University
Human Performance

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Exercise Spaces</i>									
Indoor Track	-	-	-	-	-	-	-	-	Currently at Heskett Center; Required if entire program moves to new space
Weght Room	-	-	-	-	-	-	-	-	Currently at Heskett Center; Mini track required if entire program moves to new space
Sub Total			0			0		0	
<i>Classrooms</i>									
General Classroom	1	791	791	1	1,000	shared	1.25	shared	40-50P; HP uses 4 days/week for 6 hours/day; Shared
Sub Total			791			0		0	
<i>Administration</i>									
Office - Lab Manager	-	-	-	1	120	120	1.30	156	Close proximity to lab
Office - Lab Coordinator	-	-	-	1	120	120	1.30	156	Close proximity to lab
Shared Office	1	425	425	1	425	425	1.30	553	
Conference Room	1	400	400	1	400	400	1.30	520	Can be Shared
Sub Total			825			1,065		1,385	
Human Performance Total NSF			5,455				11,335	14,416	

Notes Blood Draw - collaborate w/ Medical Laboratories and have Med Tech perform draw/run analysis
 DEXA - shared w/ PT/PA
 New Isokinetic dynamometer system w/ PT
 Telemedicine learning environments
 Expand older adult exercise programs to include Neuro & Cardiac rehab by collaborating w/ other HSEC programs - close proximity to emergency services
 Shared Functional Movement Space (w/ PT, OT, AT) with high ceilings
 HP Lab conducts validation R&D research on a daily basis for industry partners (Biomechanics Lab, Neuro Lab, DEXA Lab, DARI Lab, others)
 HP Lab provides assessment services for community members on a weekly basis (DEXA Lab, DARI analysis, VO2 metabolic lab in main lab)
 HP Lab currently offers HPL Open Lab hours for student access after class hours

Wichita State University
Advanced Education in General Dentistry

Room Name	Existing			Proposed					Comments:	
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF		
<i>AEGD Clinic</i>										
Nurses Station	1	156	156	1	200	200	1.30	260	75 sf/station = 21 stations	
Operatories	18	varies	2,539	18	144	2,592	1.30	3,370		
X-Ray Rooms	1	209	209	1	144	144	1.30	187		
Surgery Rooms	2	varies	356	2	400	800	1.30	1,040		
Lab/Sim Lab	2	varies	1,639	2	1,600	3,200	1.30	4,160		
Dispensary	-	-	-	1	200	200	1.30	260		
Soiled Holding	-	-	-	1	100	100	1.30	130		
Sterilization	1	354	354	1	350	350	1.30	455		
Break Room	1	91	91	-	-	-	1.30	-		
Shared Break Room	1	439	439	1	450	450	1.30	585		shared per floor
Shared Work Room	1	122	122	1	120	120	1.30	156		Shared w/ WSU Tech
Flex Space	1	448	448	1	450	450	1.30	585		Shared w/ WSU Tech
Resident Flex Space	1	321	321	1	320	320	1.30	416		Shared w/ WSU Tech
Shared Locker Rooms	2	217	434	2	250	500	1.30	650		Shared w/ WSU Tech; male and female
Storage	4	varies	678	2	200	400	1.30	520		
Sub Total			7,786			9,826		12,774		
<i>Classrooms</i>										
Classroom	1	644	644	1	800	shared	1.30	shared	26P; Can be Shared	
Classroom - Shared	1	508	508	1	600	shared	1.30	shared	20P; Can be Shared	
Sub Total			1,152			0		0		
<i>Administration</i>										
Waiting	2	varies	660	1	600	600	1.25	750		
Reception	2	varies	330	2	75	150	1.40	210		
Work Room	-	-	-	1	120	120	1.30	156		
Patient Consult Room	1	102	102	1	120	120	1.30	156		
Office - Dean	1	179	179	1	200	200	1.30	260		
Office - Director	1	426	426	1	150	150	1.30	195		
Offices	4	varies	538	4	120	480	1.30	624		
Office - Admin Flex	1	97	97	1	120	120	1.30	156		
Office - Residents	1	228	228	1	250	250	1.30	325		
Storage	5	varies	1,772	2	600	1,200	1.25	1,500		
Sub Total			4,332			3,390		4,332		
AEGD Total NSF			13,270			13,216		17,106		

**Wichita State University
Dental Hygiene**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Hygiene Clinic</i>									
Waiting Area	1	293	293	1	300	300	1.00	300	12 sf/person = 25P; shared w/ AEGD 1:5 f/s ratio; enclose ops; vac stations Countertop autoclaves, ultrasonics, storage, etc. 22P; model trimmers, lathe 2 in locker rooms; 1 on clinic floor
Reception	-	-	-	1	75	75	1.00	75	
Workroom / Copy	-	-	-	1	120	120	1.30	156	
Clinic Manager Office	1	517	517	1	120	120	1.25	150	
Clinic - Open Ops	1	2,383	2,383	20	130	2,600	1.30	3,380	
Faculty Touchdown	-	-	-	2	50	100	1.40	140	
Dispensary	-	-	-	1	200	200	1.30	260	
Radiology Room	7	76	532	8	80	640	1.40	896	
Sterilization	-	-	-	1	250	250	1.30	325	
Soiled Holding	-	-	-	1	50	50	1.40	70	
Dental Materials Lab	-	-	-	1	600	600	1.25	750	
Lockers - non-gendered	-	-	-	2	300	600	1.30	780	
Changing Rooms - non-gendered	-	-	-	4	60	240	1.40	336	
Clinic Storage	-	-	-	1	200	200	1.30	260	
Laundry Room	-	-	-	1	100	100	1.30	130	
Accessible Toilet	-	-	-	3	65	195	1.40	273	
Sub Total			3,725			6,390		8,281	
<i>Classrooms</i>									
Classroom	-	-	-	1	1,500	shared	1.25	shared	40-50P; Can be Shared
Classroom - Large	-	-	-	1	1,800	shared	1.25	shared	60P; Can be Shared
Sub Total			0			0		0	
<i>Administration/Support</i>									
Department Office	1	241	241	1	120	120	1.30	156	15-20P; Can be Shared Consider Sharing
Chair Office	1	143	143	1	150	150	1.30	195	
Offices	8	122	976	9	120	1,080	1.30	1,404	
Empty Offices	4	155	620	-	-	-	-	-	
Work Room	1	221	221	1	150	150	1.30	195	
Conference Room	1	250	250	1	400	400	1.30	520	
Break Room	1	105	105	1	150	150	1.30	195	
Storage	3	139	417	1	200	200	1.30	260	
Sub Total			2,752			2,250		2,925	
Dental Hygiene Total NSF			6,477	8,640			11,206		

**Wichita State University Tech
Administration**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Administration / Support</i>									
Waiting	1	350	350	1	180	180	1.30	234	12 sf/person = 15P
Reception	-	-	incl. above	1	75	75	1.40	105	
Work Room	-	-	-	1	120	120	1.30	156	Adjacent to reception
Advising Office	1	230	230	3	120	360	1.30	468	
Office	4	120	480	20	120	2,400	1.30	3,120	
Office - Open	1	1,978	1,978	-	-	-	-	-	
Office - Adjunct	-	-	incl. above	1	600	600	1.40	840	20 Adjunct Faculty; drop-in
Office/Meeting	1	298	298	1	300	300	1.30	390	Adjacent to entry
Storage / File Room	1	113	113	1	200	200	1.30	260	
Break Room	1	219	219	1	150	150	1.30	195	Consider Sharing
Storage	1	206	206	1	200	200	1.30	260	
			3,874			4,585		6,028	
Administration Total NSF			3,874			4,585		6,028	

**Wichita State University Tech
Academic Home**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Academic Home</i>									
Open Study	1	507	507	1	550	550	1.25	688	Can be Shared
Study Room	4	78	312	6	100	600	1.30	780	Various sizes; Can be Shared
Phone Booth (quiet)	1	41	41	1	50	50	1.30	65	Can be Shared
Tutoring	-	-	-	1	298	298	1.30	387	near entry
Vending	1	150	150	1	150	150	1.30	195	Can be Shared
			1,010			1,648		2,115	
Academic Home Total NSF			1,010			1,648		2,115	

**Wichita State University Tech
Simulation Laboratory**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Simulation Lab</i>									
Nurse Station	1	120	120	-	-	-	-	-	not needed
Hospital Room	4	296	1,184	4	260	1,040	1.30	1,352	1 Peds, 1 ICU, 1 LDRP, 1 MedSurg; Shared
Control Room	1	414	414	2	160	320	1.30	416	
Pixis Alcove	1	124	124	1	100	100	1.30	130	
Storage - Hospital	-	-	-	1	200	200	1.30	260	
Clinic Exam Room	4	122	487	4	150	600	1.30	780	Add to WSU Nursing Exam for a total of 14 Share
Clinical Skills Lab	1	1,498	1,498	1	1,800	1,800	1.25	2,250	10 beds, Can be Shared
Storage	2	99	198	1	200	200	1.40	280	Adjacent to Skills Lab
Clinical Skills Lab	1	1,388	shared	1	1,388	shared	-	shared	10 beds, Shared with WSU
Skills Lab - CNA	-	-	-	1	1,800	1,800	1.25	2,250	10 bed, low fidelity manikins
Home Health Room	-	-	-	1	650	650	1.30	845	Laundry room, Bedroom, Kitchen, Dining
Syndaver Lab	1	324	324	1	325	325	1.30	423	Penelope; temp. control
Moulage / Prep	1	739	739	1	240	240	1.30	312	Can be Shared
Debrief	-	-	incl. above	1	240	240	1.30	312	Can be Shared
Sub Total			5,088			7,515		9,610	
<i>Surg Tech Suite</i>									
Surgical Tech Lab	1	1,589	1,589	1	1,600	1,600	1.25	2,000	3 surg areas, classroom & scrub sink
Surgical Room	-	-	-	1	450	450	1.30	585	Enclosed surgery room
Storage	2	84	167	1	200	200	1.30	260	
			1,756			2,250		2,845	
<i>Classrooms</i>									
Classroom	1	538	538	-	-	-	-	-	
Classroom	1	833	833	6	800	4,800	1.25	6,000	30P; Can be Shared
Classroom	1	521	521	-	-	-	-	-	
Classroom	1	875	875	-	-	-	-	-	
Classroom	1	522	522	-	-	-	-	-	
Classroom	1	1,486	1,486	2	1,500	3,000	1.25	3,750	30 sf/person = 50P; Can be Shared
			4,775			7,800		9,750	
Simulation Laboratory Total NSF			11,619			17,565		22,205	

**Wichita State University Tech
Dental Assistant**

Room Name	Existing			Proposed					Comments:
	Room Qty	NSF/ Room	Total ASF	Room Qty	NSF/ Room	Total ASF	Circ. Factor	Dept GSF	
<i>Lab / Lab Support</i>									
Operating Lab	1	1,032	1,032	1	1,200	1,200	1.25	1,500	
X-Ray	3	54	162	3	65	195	1.4	273	
Laboratory	1	186	186	1	200	200	1.3	260	
Work Area	1	122	122	1	200	200	1.3	260	
Work Room	1	105	105	-	-	-	-	-	
Sterilization	1	117	117	1	120	120	1.3	156	
Soiled Holding / Storage	-	-	-	1	120	120	1.3	156	
Resident Flex Space	-	-	-	1	300	shared	1.3	shared	Currently shared w/ WSU; touchdown space
Flex Space	-	-	-	1	200	shared	1.3	shared	Currently shared w/ WSU
Locker Rooms	-	-	-	2	200	shared	1.3	shared	Currently shared w/ WSU
Sub Total			1,724			2,035		2,605	
<i>Classrooms</i>									
Classroom	1	644	644	1	800	shared	1.25	shared	30P; Can be Shared
Sub Total			644			0		0	
<i>Administration</i>									
Office	1	115	115	1	120	120	1.3	156	
Admin Assistant	1	109	109	1	120	120	1.3	156	
Break Room	-	-	-	1	150	150	1.3	195	Consider Sharing
Sub Total			224			390		507	
Dental Assistant Total NSF			2,592			2,425		3,112	

Plan Verification Diagrams

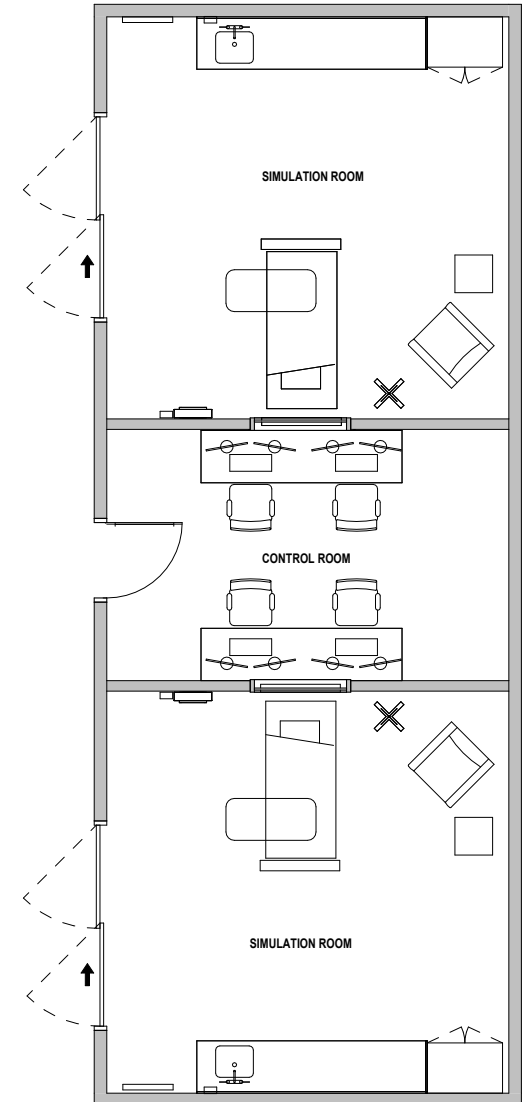
Planning for intended space and function

The following room diagrams graphically portray the intended functions in the space, illustrate furnishings, respond to pedagogy, solve for sight-lines, and anticipate technology. They test and confirm that the square footage included in the numerical program will serve the right number of people and provide sufficient space for the planned functions once built. In addition, room data and requirements are provided detailing specific needs and unique demands on the room and environment.

Simulation Hospital Rooms

Primary Users: KU | WSU Tech

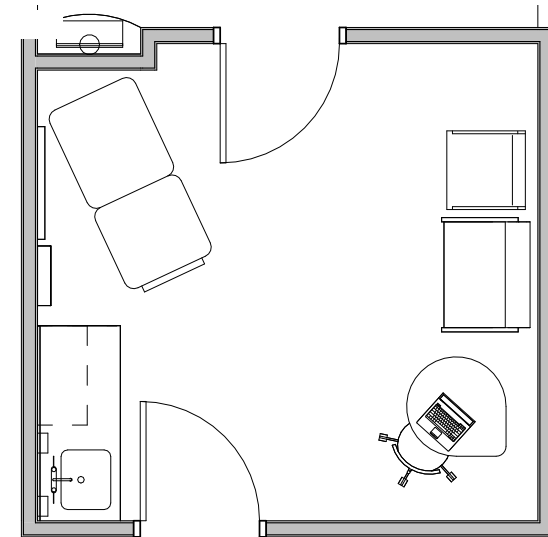
Occupants	Faculty & Students - 4-5 occupants
Function	Simulation Environment
Adjacency	Control Room
Environment	
Floor	Sheet vinyl; vinyl base
Walls	Gypsum board, paint
Windows	One way observation window
Ceiling	Lay-in acoustic tile
Door	ICU Break away doors
Equipment	Hospital bed, bed dicker, over the bed table, side chair, side table, manikin
Mechanical	Typical HVAC, individual room temperature control
Furnishings	
A/V	2 cameras and microphones, 4 computers in control, 2 charting stations
Electrical	Duplex electrical outlets per code LED direct/indirect general lighting Electrical & voice/data outlets for computer & telephone
Plumbing	Sink with wristblade faucet
Notes	



Standardized Patient Exam Room

Primary Users: KU | WSU | WSU Tech

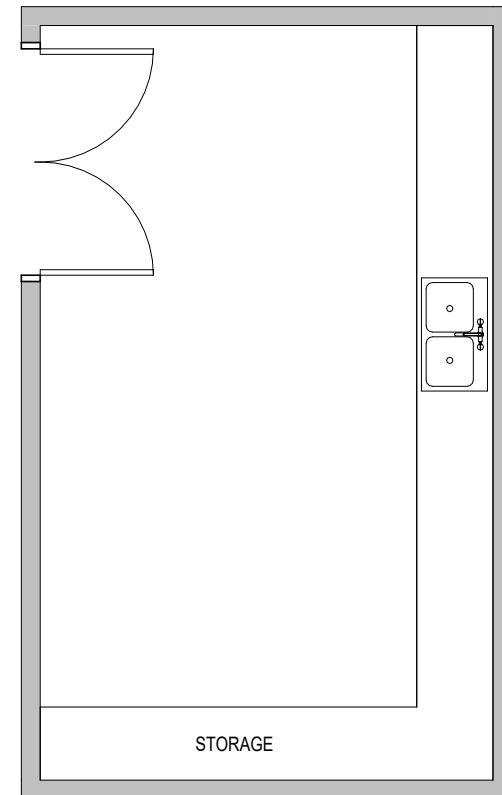
Occupants	Faculty & Students - 2-3 occupants
Function	Patient Examination
Adjacency	
Environment	
Floor	Sheet Vinyl, Vinyl base
Walls	Painted Gypsum Board
Windows	n/a
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 3'-8" x 7'-0"
Equipment	Exam table, bhairs, mobile charting station
Mechanical	Individual room temperature control Typical HVAC
Furnishings	
A/V	Computer A/V equipment as required
Electrical	LED direct/indirect general lighting
Plumbing	Sink
Notes	



Moulage / Prep Room

Primary Users: KU | WSU Tech

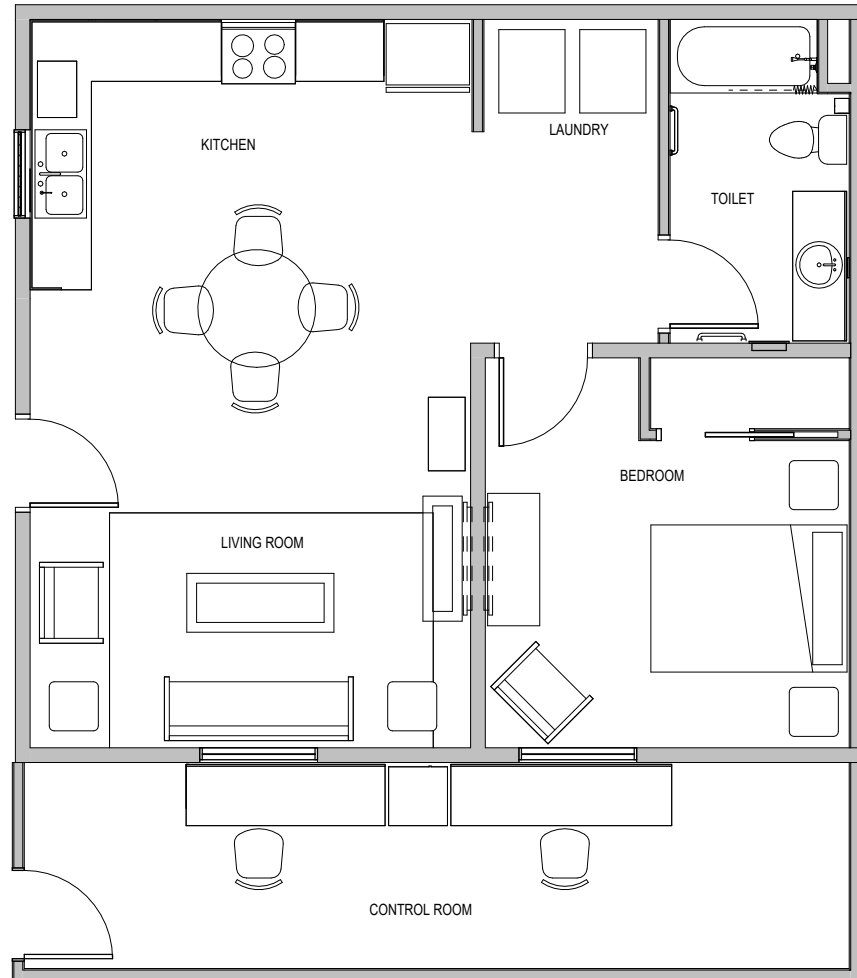
Occupants	Faculty & Students - 4-5 occupants
Function	Moulage
Adjacency	Simulation Rooms
Environment	
Floor	Sheet vinyl; vinyl base
Walls	Gypsum board, paint
Windows	n/a
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 6'-0" x 7'-0"
Equipment	n/a
Mechanical	
Furnishings	
A/V	n/a
Electrical	Duplex electrical outlets per code LED direct/indirect general lighting
Plumbing	Deep sink
Notes	Stainless steel counter



Home Health

Primary Users: WSU | WSU Tech

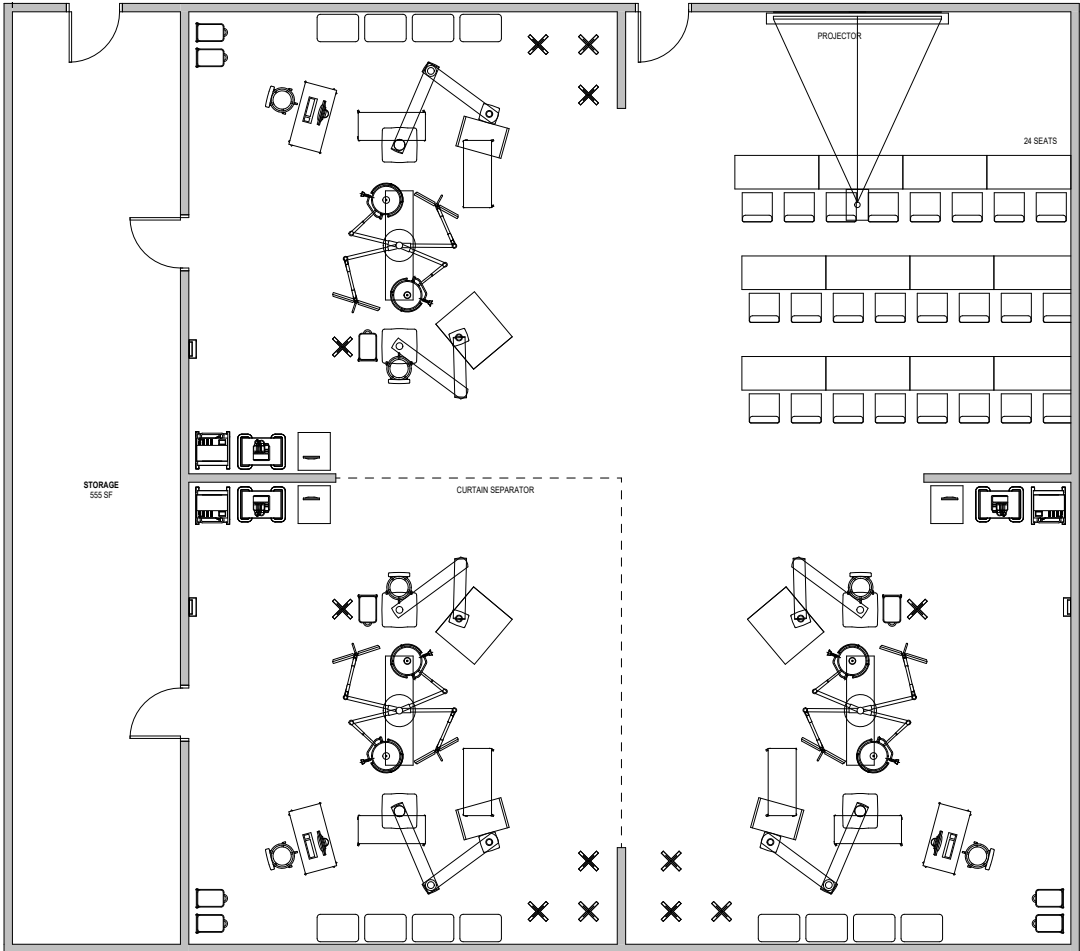
Occupants	Faculty & Students
Function	Home Health Lab
Adjacency	Simulation Suite
Environment	
Floor	Seamless Sheet vinyl; vinyl base, carpet
Walls	Gypsum board, paint
Windows	n/a
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 3'-0" x 7'-0"
Equipment	
Mechanical	Typical HVAC, individual room temperature control
Furnishings	Home environment - couch, coffee table, kitchen, table & chairs, bedroom set
A/V	A/V equipment as required
Electrical	Duplex electrical outlets per code LED direct/indirect general lighting
Plumbing	2 sinks, toilet, shower
Notes	



Surgical Tech Suite

Primary Users: WSU Tech

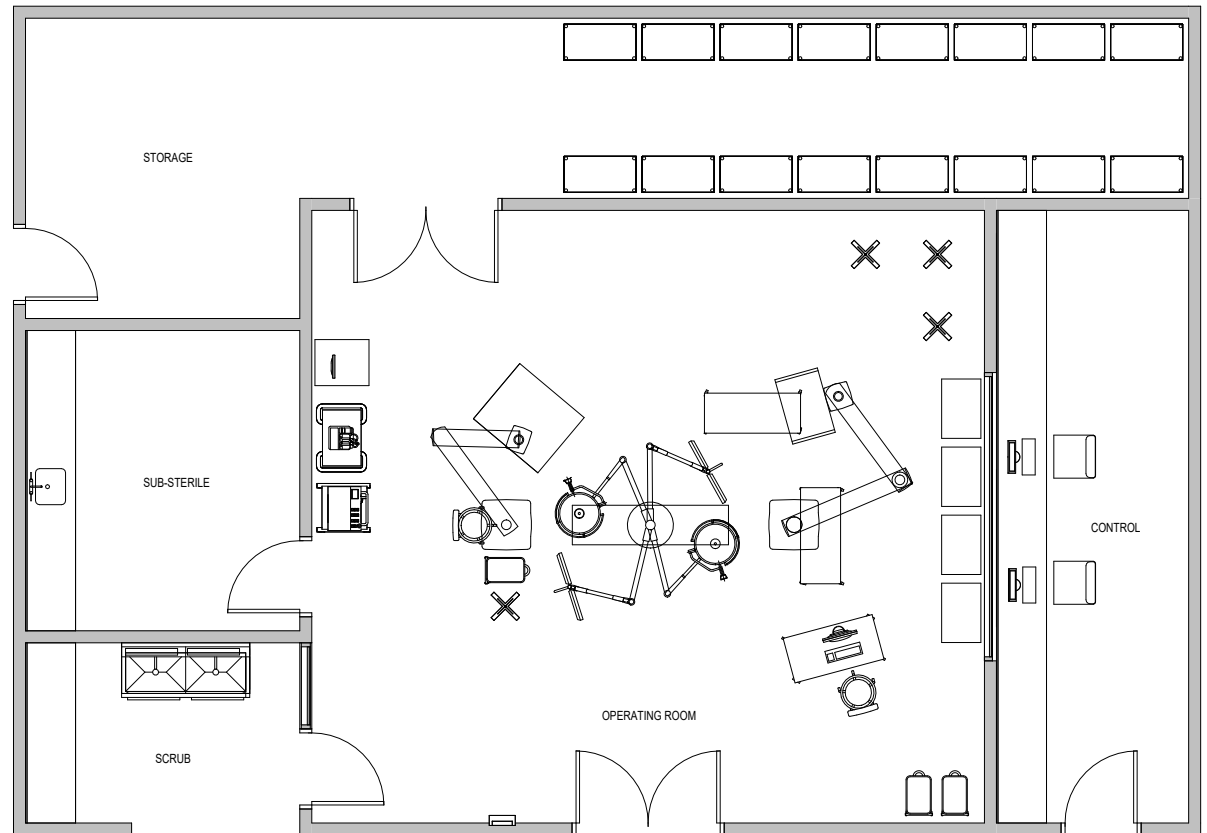
Occupants	Faculty & Students
Function	Surgical Tech Lab & Classroom
Adjacency	Surgical Tech Enclosed Operating Room
Environment	
Floor	Seamless Sheet Vinyl, Vinyl base
Walls	Gypsum board, paint
Windows	
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 3'-0" x 7'-0"
Equipment	A/V equipment as required
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable tables and chairs
A/V	A/V equipment as required
Electrical	LED direct/indirect general lighting
Plumbing	
Notes	



Surgical Tech Operating Room

Primary Users: WSU Tech

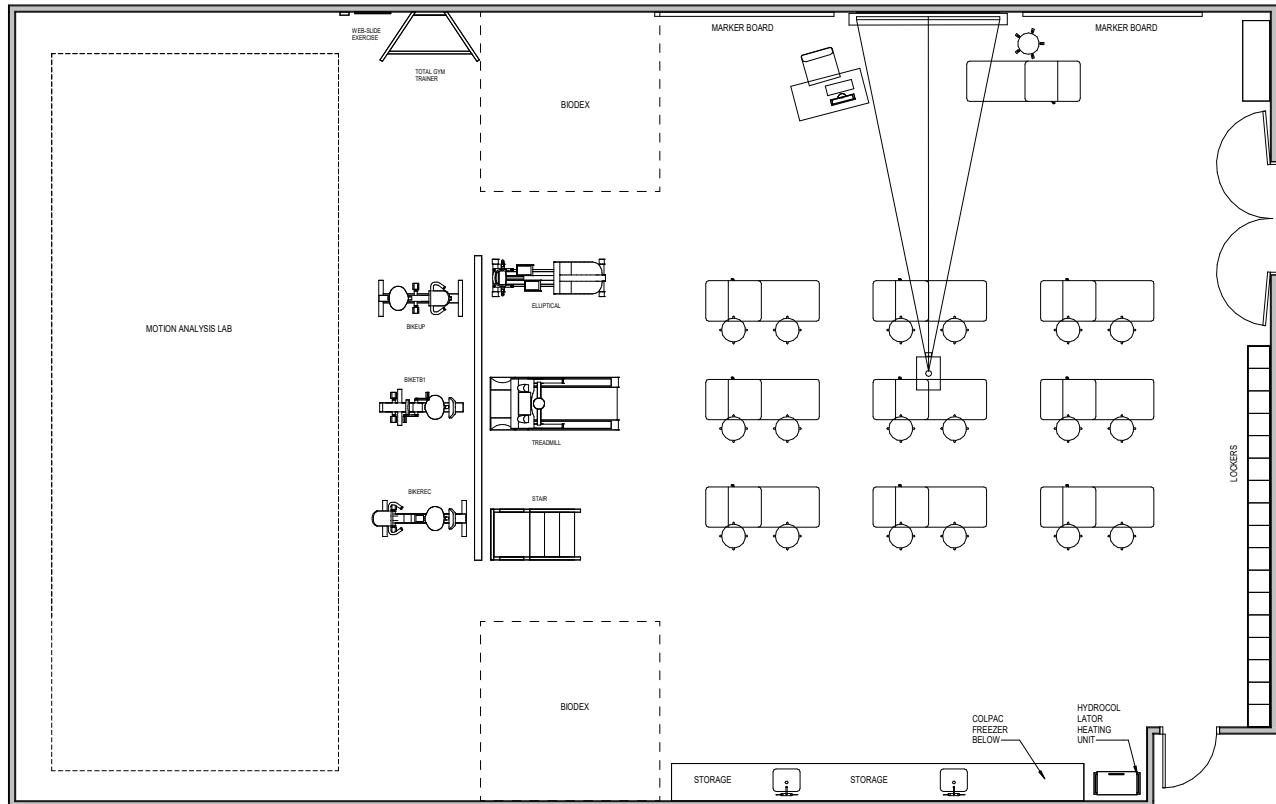
Occupants	Faculty & Students
Function	Surgical Tech Lab & Classroom
Adjacency	Surgical Tech Enclosed Operating Room
Environment	
Floor	Seamless Sheet Vinyl, Vinyl base
Walls	Gypsum board, paint
Windows	
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 3'-0" x 7'-0"
Equipment	A/V equipment as required
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable tables and chairs
A/V	A/V equipment as required
Electrical	LED direct/indirect general lighting
Plumbing	
Notes	



Exercise Research Physical Therapy Lab

Primary Users: WSU

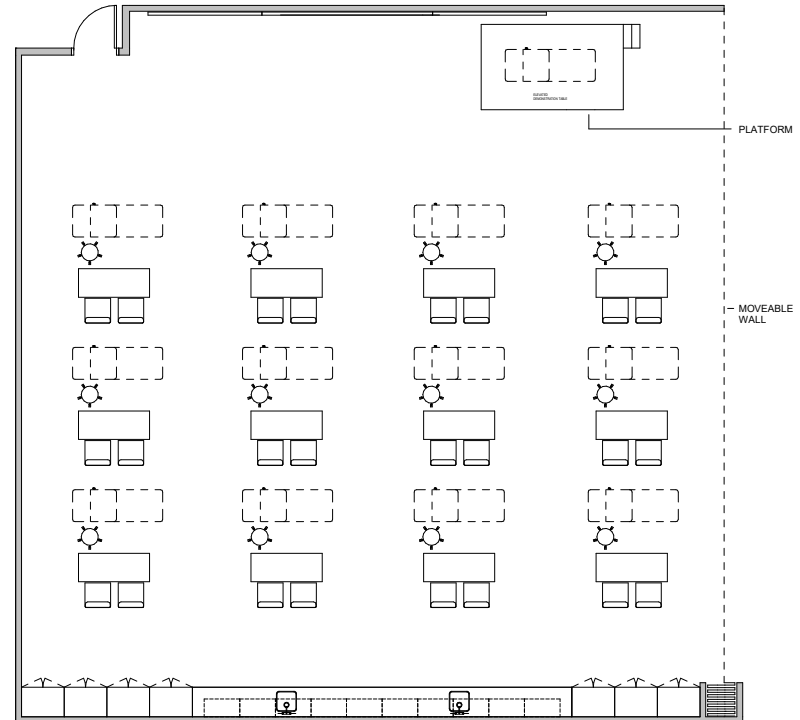
Occupants	Faculty & Students
Function	Exercise research
Adjacency	
Environment	
Floor	Sheet Vinyl, Vinyl base
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 3'-6" x 7'-0"
Equipment	3 exercise bikes, 1 treadmill, 1 stair, 1 elliptical, biodesx
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable instructor station, moveable computer stations, moveable tables and chairs
Electrical	Duplex electrical outlets per code LED direct/indirect general lighting Extra electrical outlets for computer/phone/tablet charging
A/V	1 ceiling mounted motorized projection screen 1 ceiling mounted video projector 3 wall-mounted monitors A/V equipment as required
Plumbing	2 Sinks with wristblade faucet
Notes	



Hi-Low Physical Therapy Lab

Primary Users: WSU

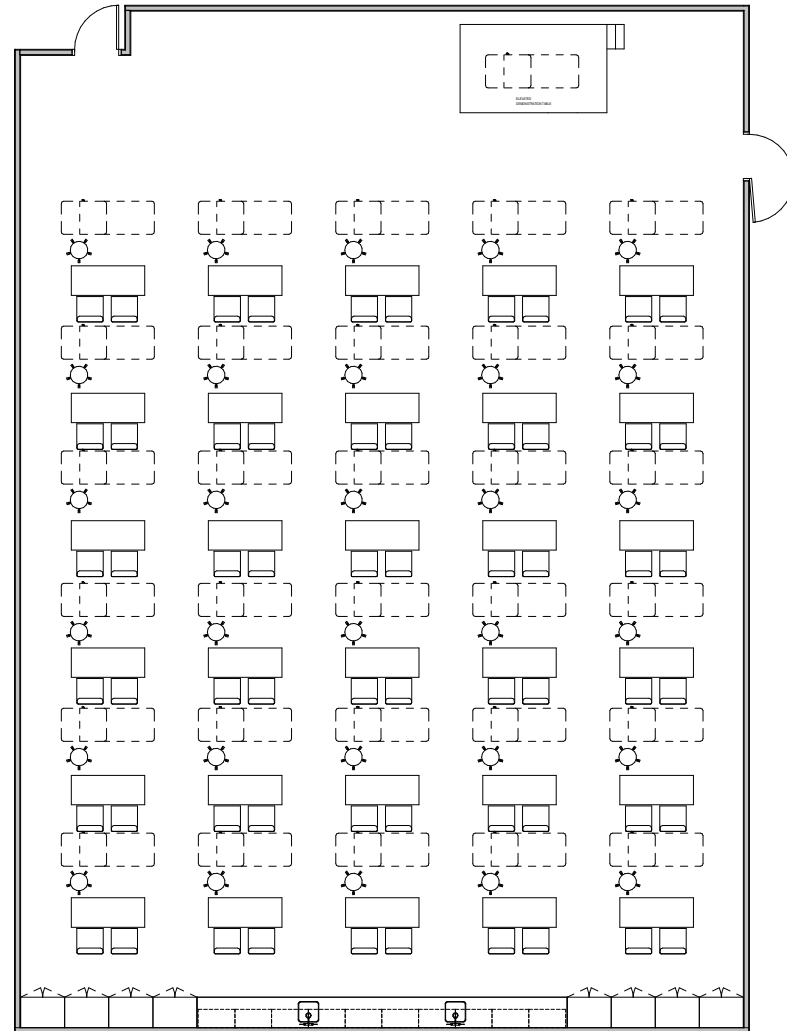
Occupants	Faculty & Students
Function	Plinth Lab
Adjacency	PT Labs
Environment	
Floor	Seamless Sheet Vinyl, Vinyl base
Walls	Gypsum board, paint
Windows	
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 3'-8" x 7'-0"
Equipment	Computer, plinths
Mechanical	Review HVAC with MEP
Furnishings	Tables, stools
A/V	A/V equipment as needed
Electrical	Duplex electrical outlets per code LED direct/indirect general lighting
Plumbing	2 sinks
Notes	



Hi-Low Physical Therapy Lab

Primary Users: WSU

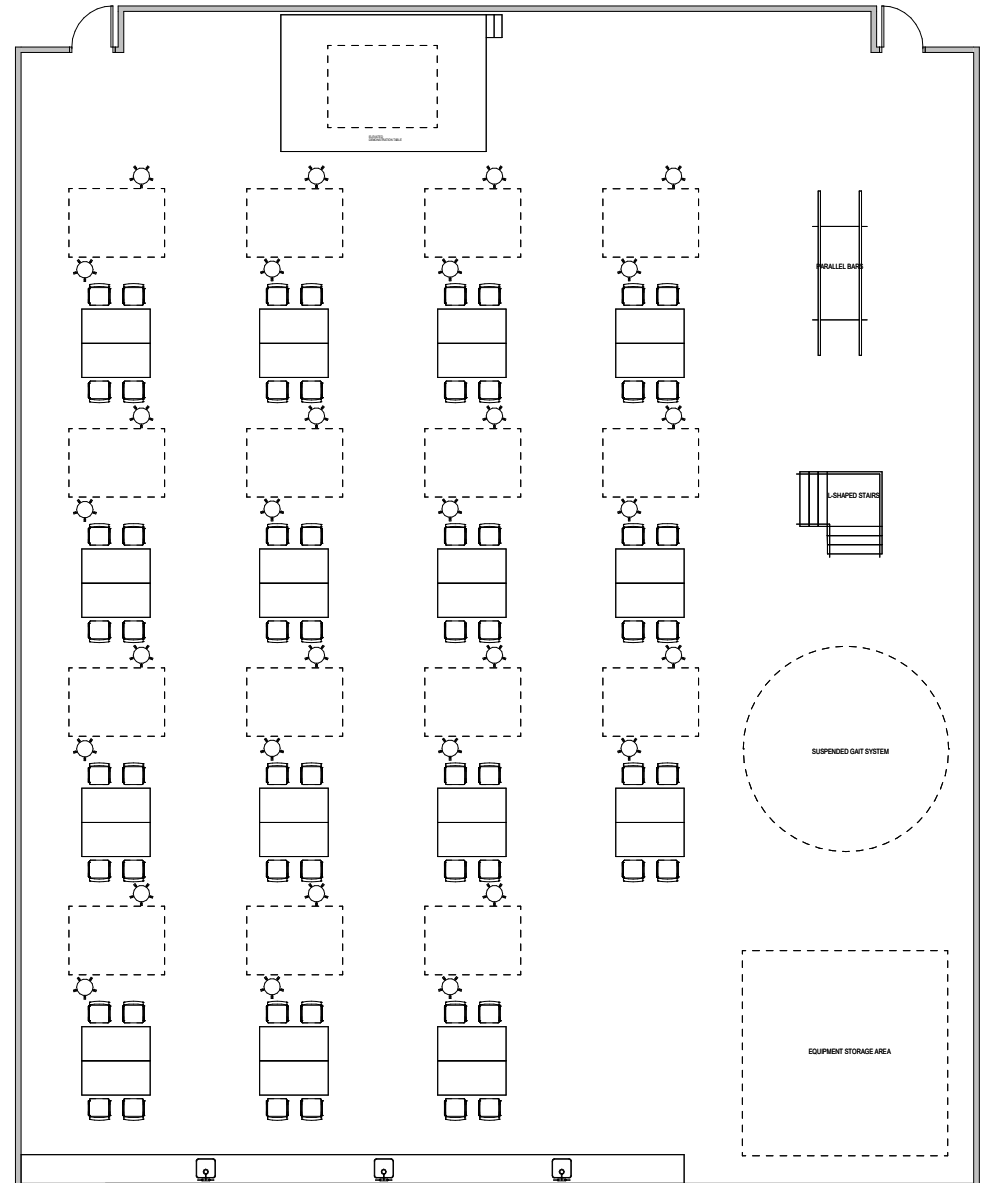
Occupants	Faculty & Students
Function	Plinth Lab (30 plinth's)
Adjacency	PT Labs
Environment	
Floor	Seamless Sheet Vinyl, Vinyl base
Walls	Gypsum board, paint
Windows	
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 3'-8" x 7'-0"
Equipment	Computer, plinths
Mechanical	Review HVAC with MEP
Furnishings	Tables, stools
A/V	A/V equipment as needed
Electrical	Duplex electrical outlets per code LED direct/indirect general lighting
Plumbing	2 sinks
Notes	



Mat Physical Therapy Lab

Primary Users: WSU

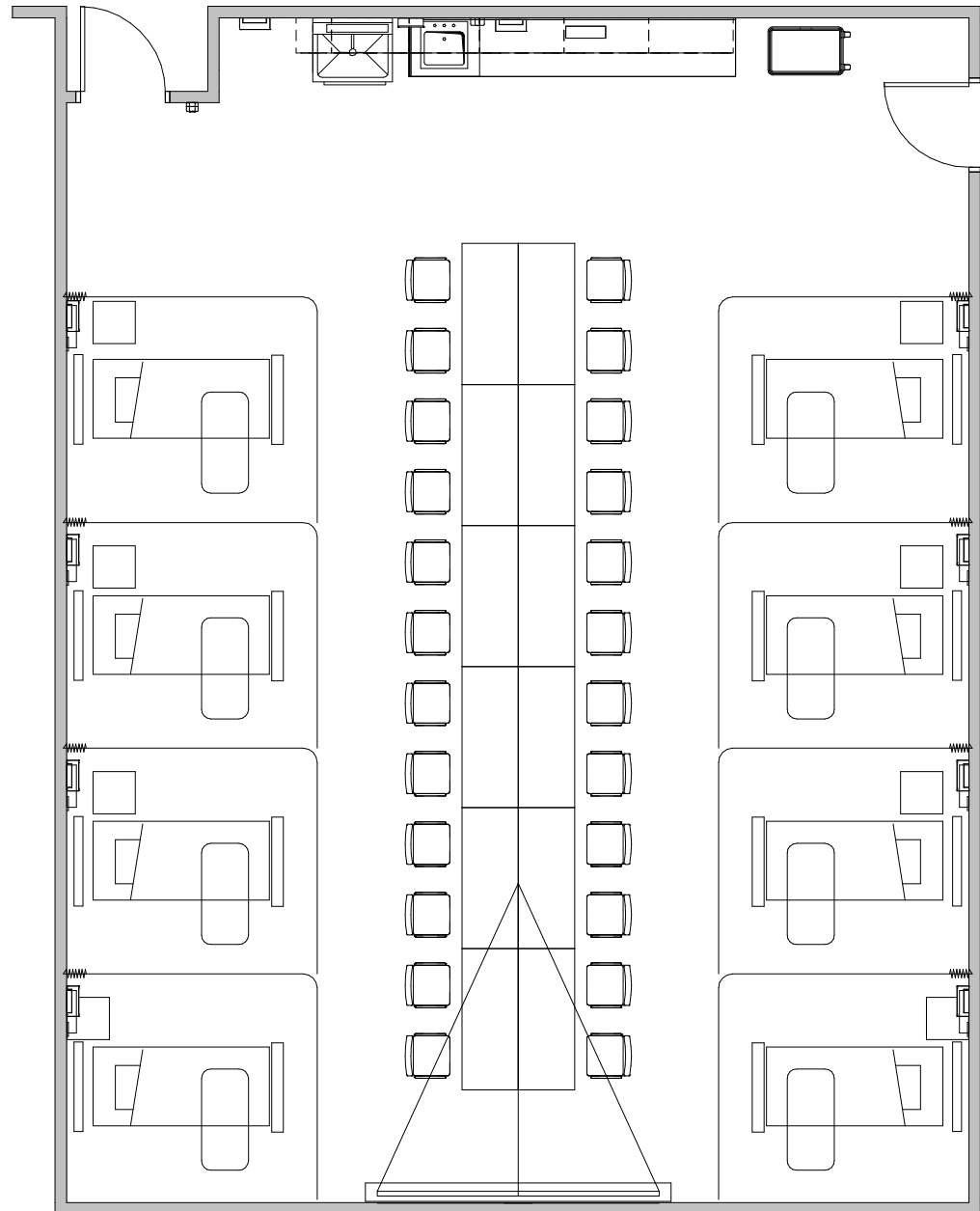
Occupants	Faculty & Students
Function	Mat LAB
Adjacency	PT Labs
Environment	
Floor	Sheet Vinyl, Vinyl base
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 3'-6" x 7'-0"
Equipment	15 mat tables, parallel bars, stairs
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Stools, student tables and chairs
Electrical	Duplex electrical outlets per code LED direct/indirect general lighting Extra electrical outlets for computer/phone/tablet charging
A/V	3 wall-mounted monitors A/V equipment as required
Plumbing	3 Sinks with wristblade faucet
Notes	



Skills Lab - 8 BED

Primary Users: WSU

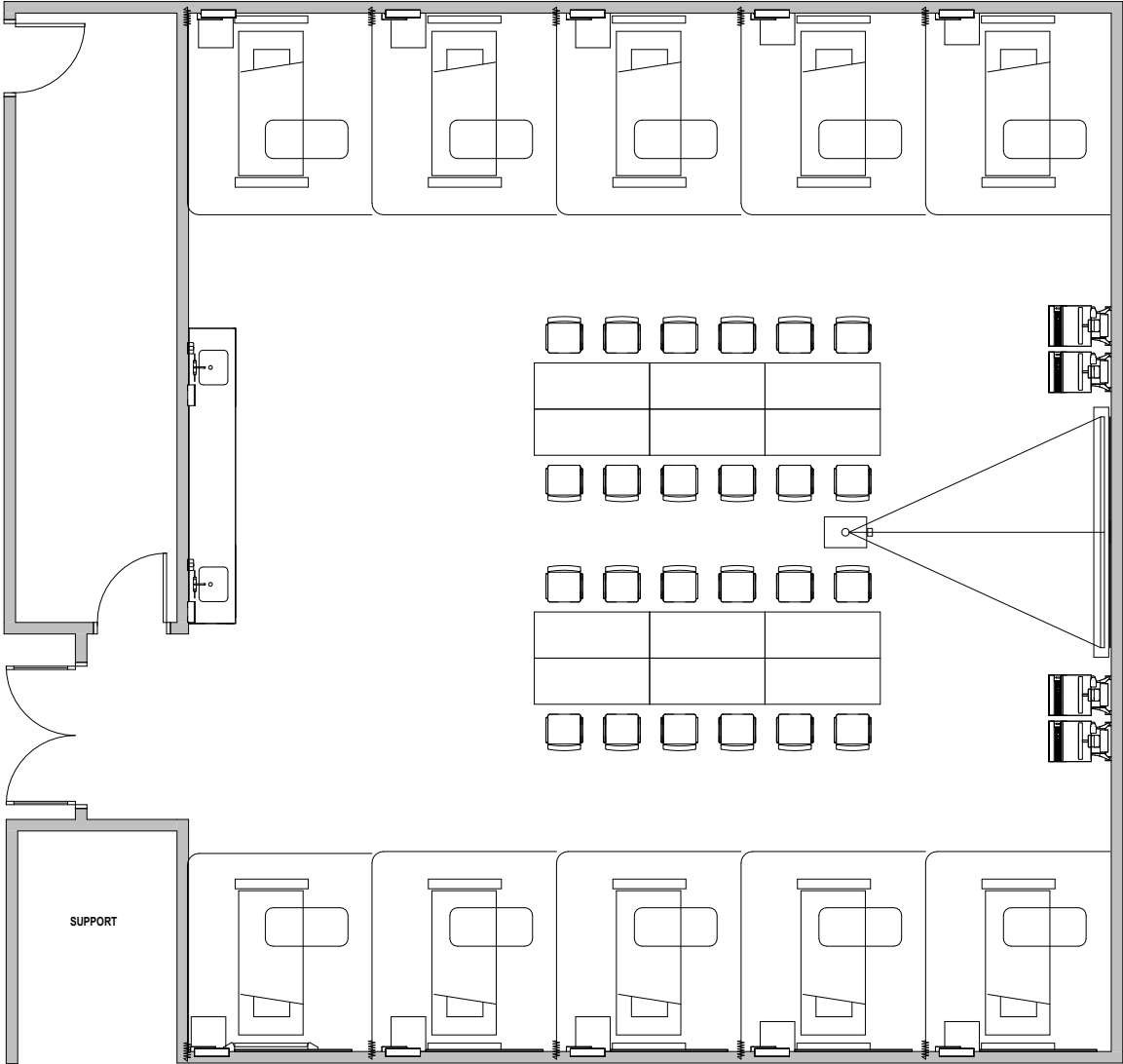
Occupants	Faculty & Students
Function	Skills Lab, 8 bedS
Adjacency	
Environment	
Floor	Seamless Sheet Vinyl, Vinyl base
Walls	Gypsum board, paint
Windows	
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 6'-0" x 7'-0"
Equipment	A/V equipment as required
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable tables and chairs, bed, side table, over the bed table
A/V	A/V equipment as required
Electrical	LED direct/indirect general lighting
Plumbing	2 sinks
Notes	



Skills Lab - 10 BED

Primary Users: WSU | WSU Tech

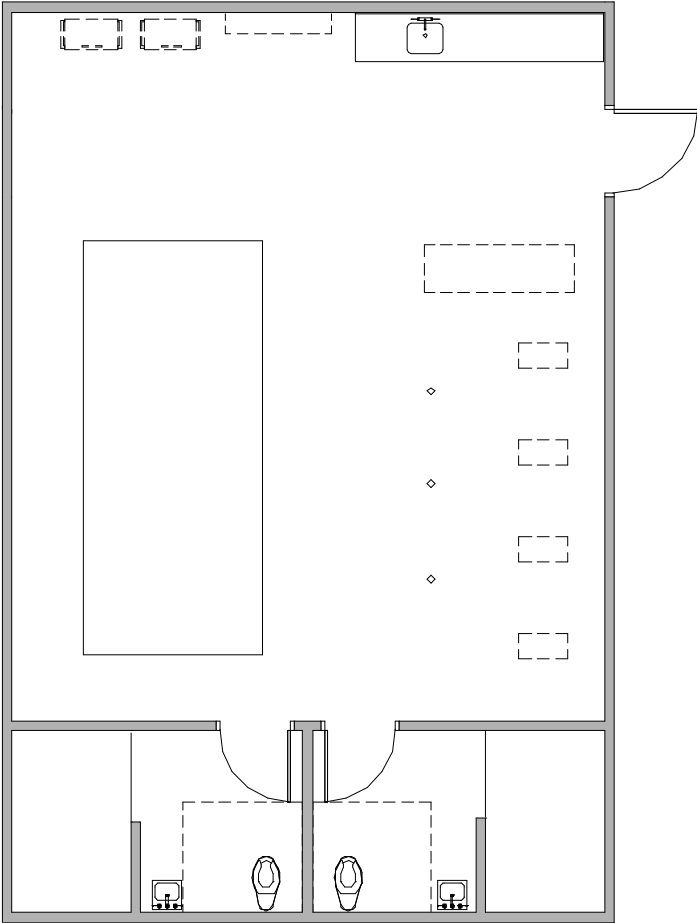
Occupants	Faculty & Students
Function	Skills Lab, 10 bed
Adjacency	
Environment	
Floor	Seamless Sheet Vinyl, Vinyl base
Walls	Gypsum board, paint
Windows	
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 6'-0" x 7'-0"
Equipment	A/V equipment as required
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable tables and chairs, bed, side table, over the bed table
A/V	A/V equipment as required
Electrical	LED direct/indirect general lighting
Plumbing	2 sinks
Notes	



Hydro Room

Primary Users: WSU

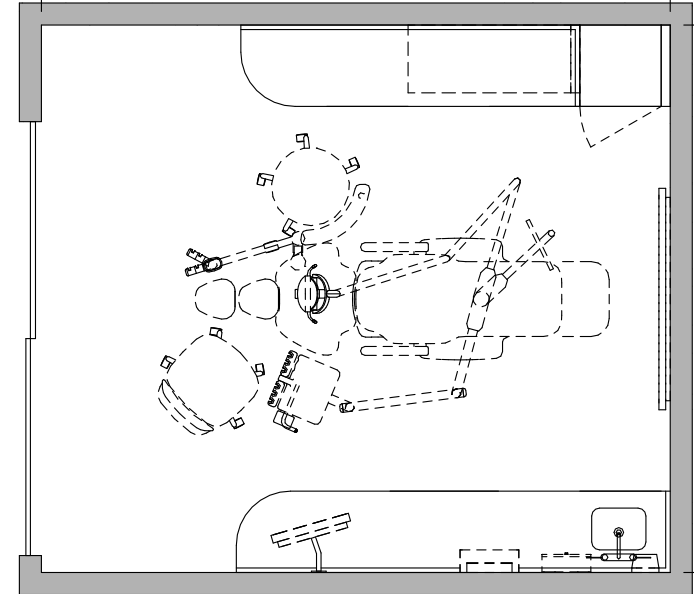
Occupants	Faculty & Students - 4-5 occupants
Function	Hydro Laboratory
Adjacency	Human Performance Labs
Environment	
Floor	
Walls	
Windows	
Ceiling	Lay-in acoustic tile
Door	Solid core wood veneer door, 3'-8" x 7'-0"
Equipment	Whirlpool, Underwater Weighing Tub, 2 Hydroculators, 4 Single-Limb Whirlpool
Mechanical	Review HVAC with MEP
Furnishings	
A/V	
Electrical	Duplex electrical outlets per code LED direct/indirect general lighting
Plumbing	
Notes	2 ADA Changing Rooms with Shower



Dental Operator - Enclosed

Primary Users: WSU | WSU Tech

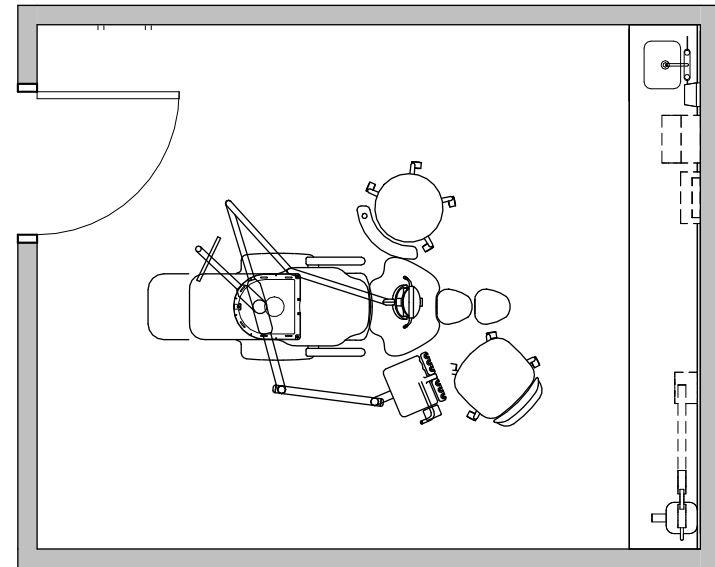
Occupants	Faculty, Assistant, Student, Patient (4) occupants
Function	Provide patient care to the general patient population
Adjacency	Adjacent to reception/waiting areas, consult rooms, dispensary & clinic support
Environment	
Floor	Welded sheet vinyl flooring (or similar)
Walls	Gypsum board, Paint
Windows	Provide access to natural light when possible
Ceiling	Lay-in acoustic tile, Height Varies
Door	Solid core wood doors, 3'-0" x 7'-0"
Equipment	Side millwork, sharps, glove holder, computer/monitors at side, physician and assistant stools, dental chair with over-the-patient delivery and assistant delivery, ceiling-mounted exam light, mobile cart and/or cart delivery, ceiling-mounted TV
Mechanical	Compressed air at chair Dental vacuum at chair Bottled water at Chair Hand-washing sink at side millwork Nitrous Oxide/Oxygen Typical clinic HVAC
Furnishings	Movable guest seating for parent/guardian
Electrical	Duplex electrical wall outlets per code Floor electrical, voice/data outlet for equipment (chair) Electrical & voice/data outlets for computer & telephone Fluorescent direct/indirect general lighting Video capabilities



Dental Operator - Enclosed

Primary Users: WSU | WSU Tech

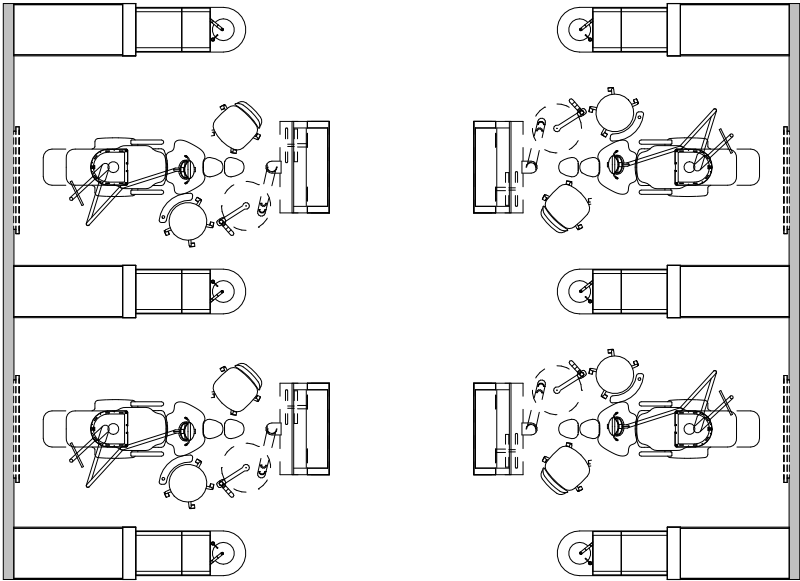
Occupants	Student, Patient, Faculty, Assistant - 4 occupants
Function	Provide patient care
Adjacency	Adjacent to reception/waiting, consult rooms, dispensary and central sterile (clinic support)
Environment	
Floor	Sheet Vinyl, Vinyl base
Walls	Painted Gypsum Board
Windows	Provide access to natural light when possible
Ceiling	Acoustic Tiles
Door	3'-0" Door
Equipment	Dental chair, exam light from chair (or ceiling), and physician delivery from chair; assistant delivery from rear cabinet; monitor/keyboard from side or rear cabinet; X-ray (in some rooms); monitor/display at foot-wall; possible-ceiling mounted microscope
Mechanical	Typical HVAC, Individual room temperature control
Plumbing	Handwashing sink, Wristblade faucet; Compressed air at chair and rear cabinet; Dental Vacuum at chair and rear cabinet; Bottled water at chair and rear cabinet
Electrical	Duplex electrical outlets per code Floor electrical, voice/data outlet for equipment (chair) Electrical & voice/data outlets for computer Provide conduit for future technology (from chair to side/rear)



Dental Operator - Open

Primary Users: WSU | WSU Tech

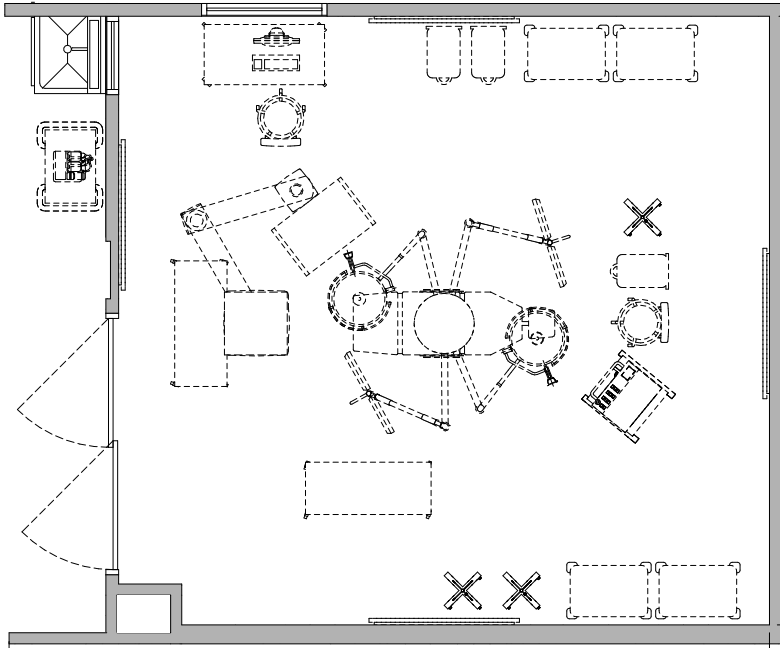
Occupants	Faculty, Student, Patient (3) occupants
Function	Provide patient care to the general patient population
Adjacency	Adjacent to clinics (main), Diagnosis clinic, reception/waiting areas, consult rooms, dispensary & central sterile (clinic support)
Environment	
Floor	VCT or Welded sheet vinyl flooring (or similar)
Walls	Gypsum board, Paint
Windows	Provide access to natural light when possible
Ceiling	Lay-in acoustic tile, Height Varies
Door	N/A
Equipment	Dental chair with over-the-patient & assist. delivery, physician stool, exam light from chair, side console with shared sink/gloves/paper towel, rear cabinet w/ slide-out shelf (Design Basis: A-dec 5562 - 34"W x 16"D) and possible location for computer/monitor
Mechanical	Compressed air at chair & center console Dental vacuum at chair Shared stainless steel hand-washing sink in center console (wrist blades) Bottled water at Chair Typical clinic HVAC
Furnishings	Movable guest seating for parent/guardian
Electrical	Duplex electrical wall outlets per code Floor electrical, voice/data outlet for equipment (chair) Electrical & voice/data outlets for computer & telephone Provide conduit for future technology
Notes	Open operator environment All operatories handicap accessible (no wheelchair lift) Utilization averages 8 hours/day Provide at least (1) eyewash stations per clinic X-rays to be provided in Diagnosis clinic



Dental Operating Room

Primary Users: WSU | WSU Tech

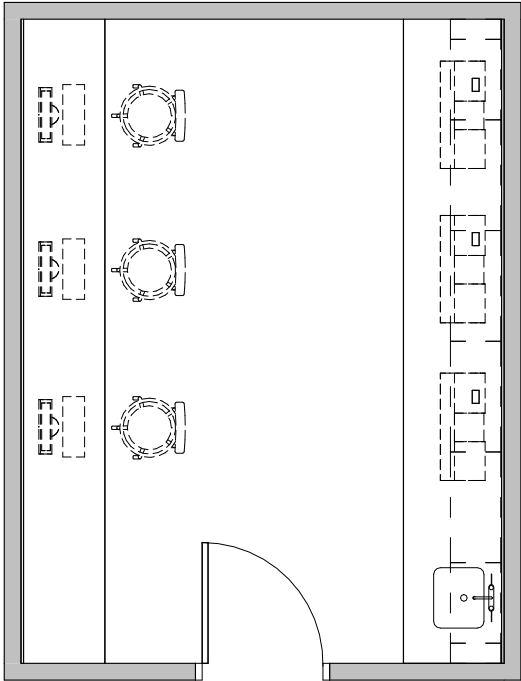
Occupants	Student, Patient, Faculty, Assistant - 4 occupants
Function	Provide patient care
Adjacency	Adjacent to reception/waiting, consult rooms, dispensary and sterile (clinic support), Recovery, Meds, Nurse Station, Housekeeping Closet
Environment	
Floor	Sheet Vinyl, Coved Base
Walls	Painted Gypsum Board; Wall Protection
Windows	N/A
Ceiling	Acoustic Tiles
Door	8'-0" Door
Equipment	Dental/Surgical chair, Surgical light from ceiling; Equipment Boom; Anesthesia Boom; monitor/display at foot-wall; mobile tables, mobile storage carts
Mechanical	Designed for Ambulatory Surgery Center Standards
Plumbing	Dental Air, Wet & Dry Suction, Nitrous, Oxygen (locations may be from boom and/or side walls)
Electrical	Duplex electrical outlets per code Floor electrical, voice/data outlet for equipment (chair) Electrical & voice/data outlets for computer Provide conduit for future technology (from chair to side/rear)



CAD/CAM

Primary Users: WSU | WSU Tech

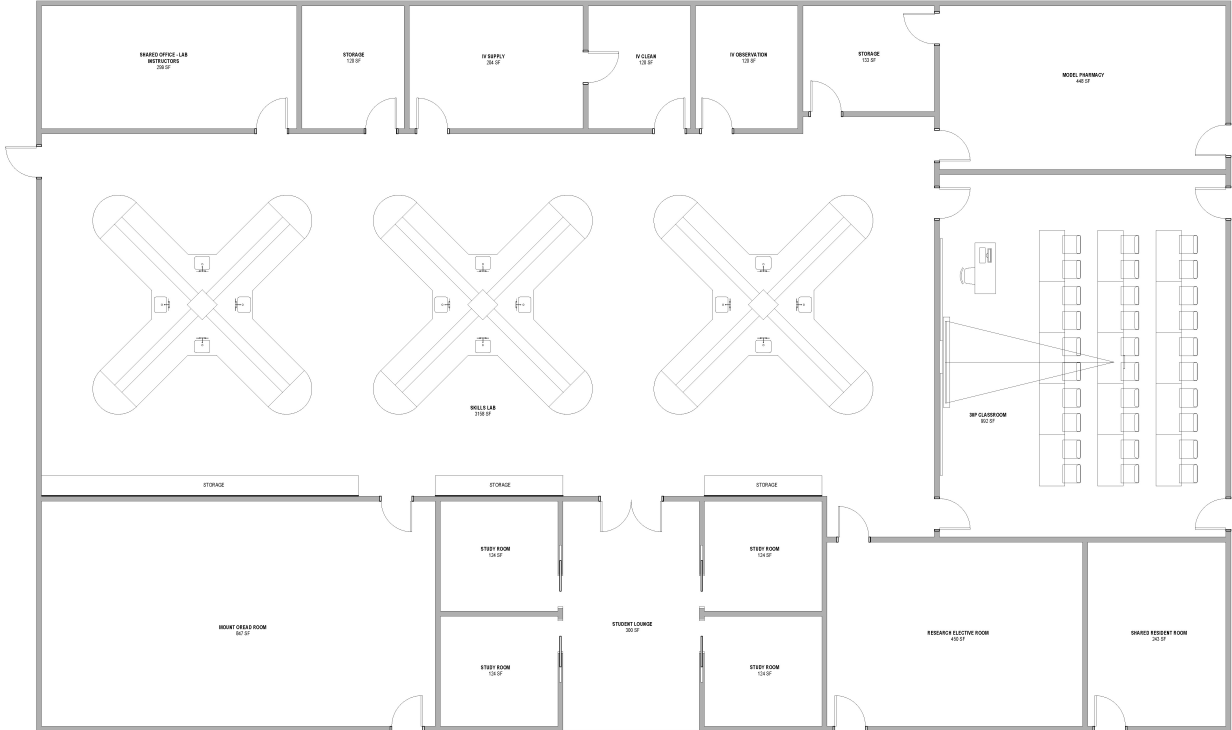
Occupants	Staff, faculty, students, (2-3) occupants
Function	Milling laboratory facility
Adjacency	Clinic
Environment	
Floor	VCT or Welded sheet vinyl flooring (or similar)
Walls	Gypsum Board, Paint
Windows	N/A
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7' - 0"
Equipment	Milling Stations, Computer stations
Mechanical	Typical HVAC
Plumbing	Handwashing sink
Electrical	Duplex electrical outlets per code Electrical & voice/data outlet for computer & telephone LED direct/indirect general lighting
AV/IT	Private Network WiFi for staff use



PHARMACY SUITE

Primary Users: KU

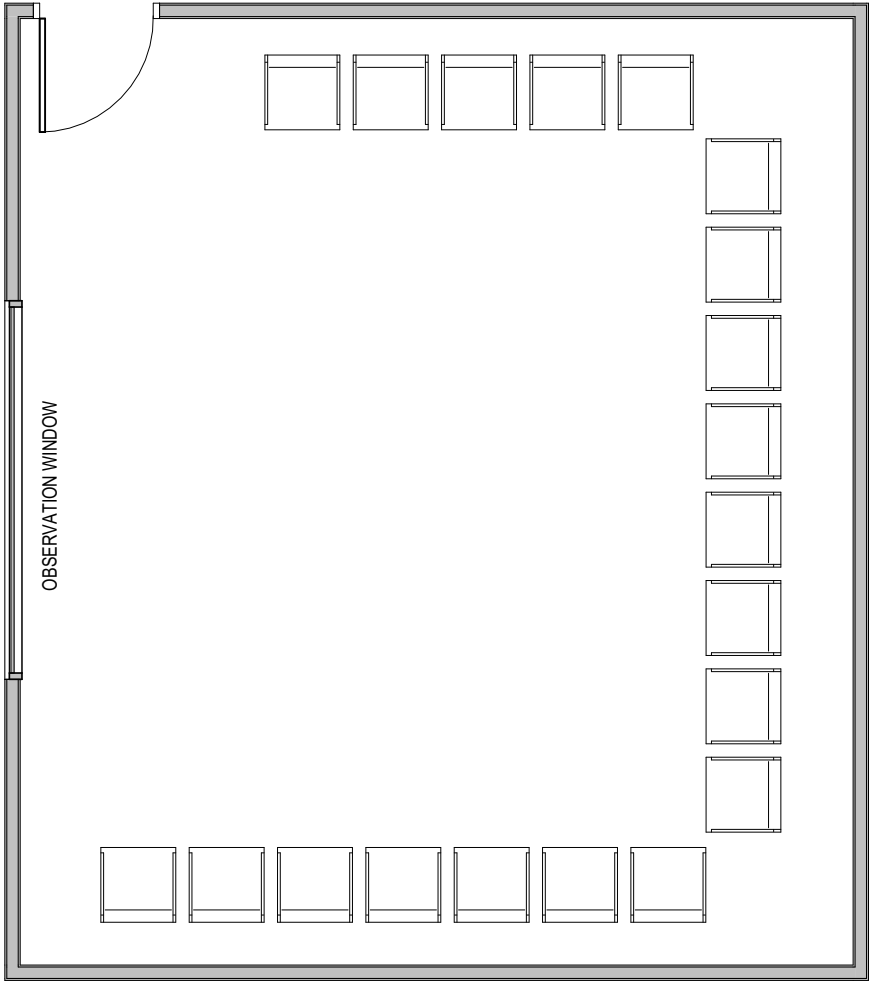
Occupants	Faculty and Students
Function	Pharmacy Suite
Adjacency	
Environment	
Floor	
Walls	Gypsum Board, Paint
Windows	N/A
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7' - 0"
Equipment	
Mechanical	Typical HVAC
Plumbing	Handwashing sinks
Electrical	Duplex electrical outlets per code Electrical & voice/data outlet for computer & telephone LED direct/indirect general lighting
AV/IT	



SENSORY ROOM

Primary Users: WSU

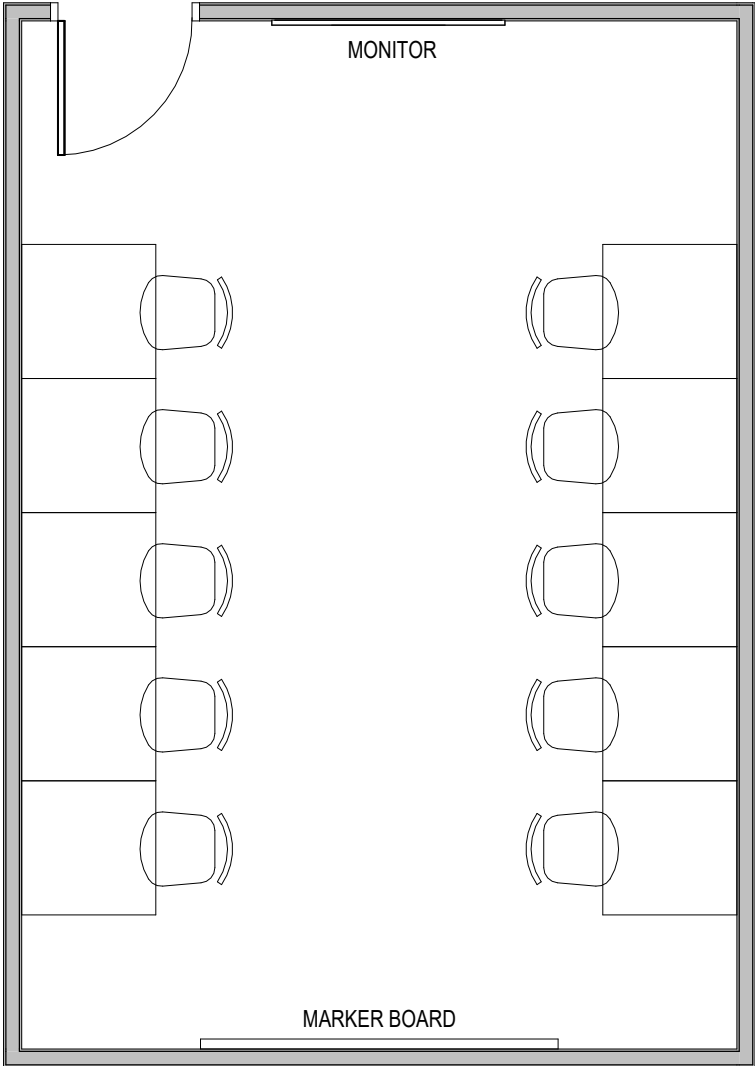
Occupants	Faculty, Students & Participants
Function	Sensory Room
Adjacency	
Environment	
Floor	Carpet
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7'-0"
Equipment	
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Chairs, side tables, area rug
Electrical	Duplex electrical outlets per code Electrical & voice/data outlets for computer & telephone LED direct/indirect general lighting
A/V	A/V equipment as required
Plumbing	



CSD RESEARCH - SIMULATION LAB

Primary Users: WSU

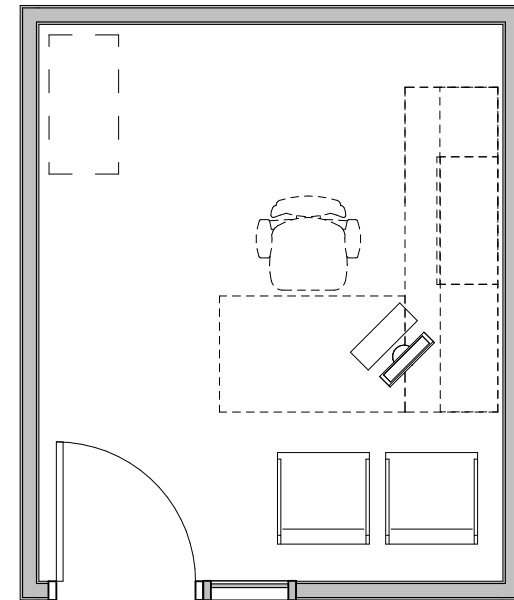
Occupants	Faculty and Students
Function	Simulation Lab
Adjacency	CSD Research and Sound Booths
Environment	
Floor	Carpet
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7'-0"
Equipment	Simulation Manikin
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Chair
Electrical	Duplex electrical outlets per code Electrical & voice/data outlets for computer & telephone LED direct/indirect general lighting
A/V	Computer A/V equipment as required
Plumbing	



TYPICAL FACULTY OFFICE

Primary Users: KU | WSU | WSU TECH

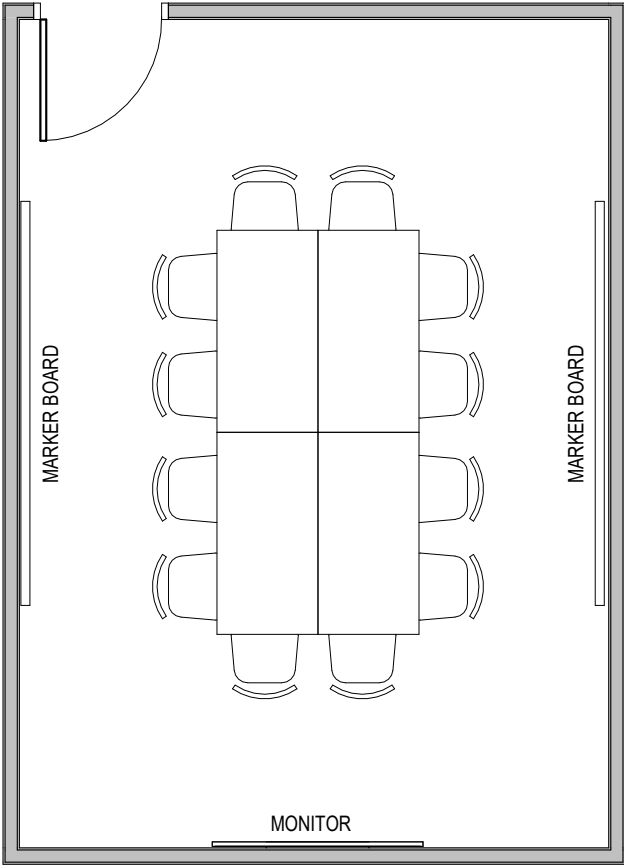
Occupants	Faculty, single occupant office
Function	Faculty private office
Adjacency	Adjacent to Laboratories
Environment	
Floor	Carpet
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7'-0"
Equipment	
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Office desk, lateral filing cabinet, shelving, chair, side chair
Electrical	Duplex electrical outlets per code Electrical & voice/data outlets for computer & telephone LED direct/indirect general lighting
A/V	Computer A/V equipment as required
Plumbing	



CONFERENCE ROOM - 12P

Primary Users: KU | WSU | WSU TECH

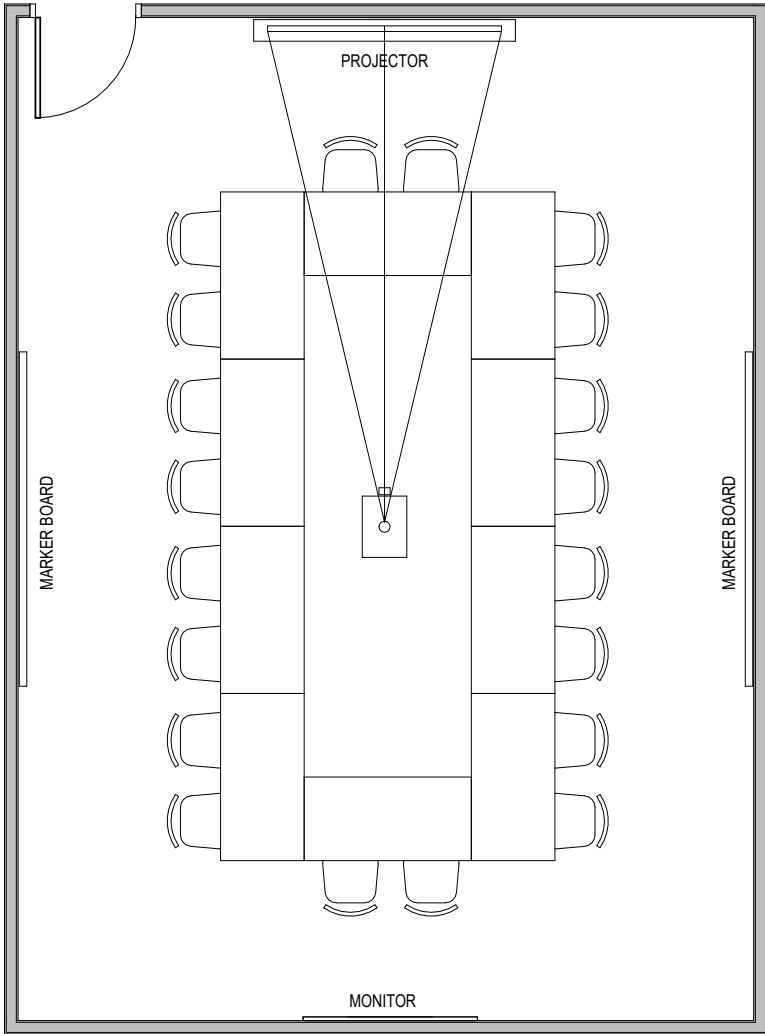
Occupants	Faculty, Staff & Students
Function	Group meeting space
Adjacency	
Environment	
Floor	Carpet
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7'-0"
Equipment	n/a
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable tables and chairs
Electrical	Duplex electrical outlets per code Electrical & voice/data outlets for computer & telephone LED direct/indirect general lighting
A/V	Ceiling mounted motorized projection screen Ceiling mounted video projector Wall-mounted monitor A/V equipment as required
Plumbing	N/A
Notes	Locate along corridor for shared use



CONFERENCE ROOM - 20P

Primary Users: KU | WSU | WSU TECH

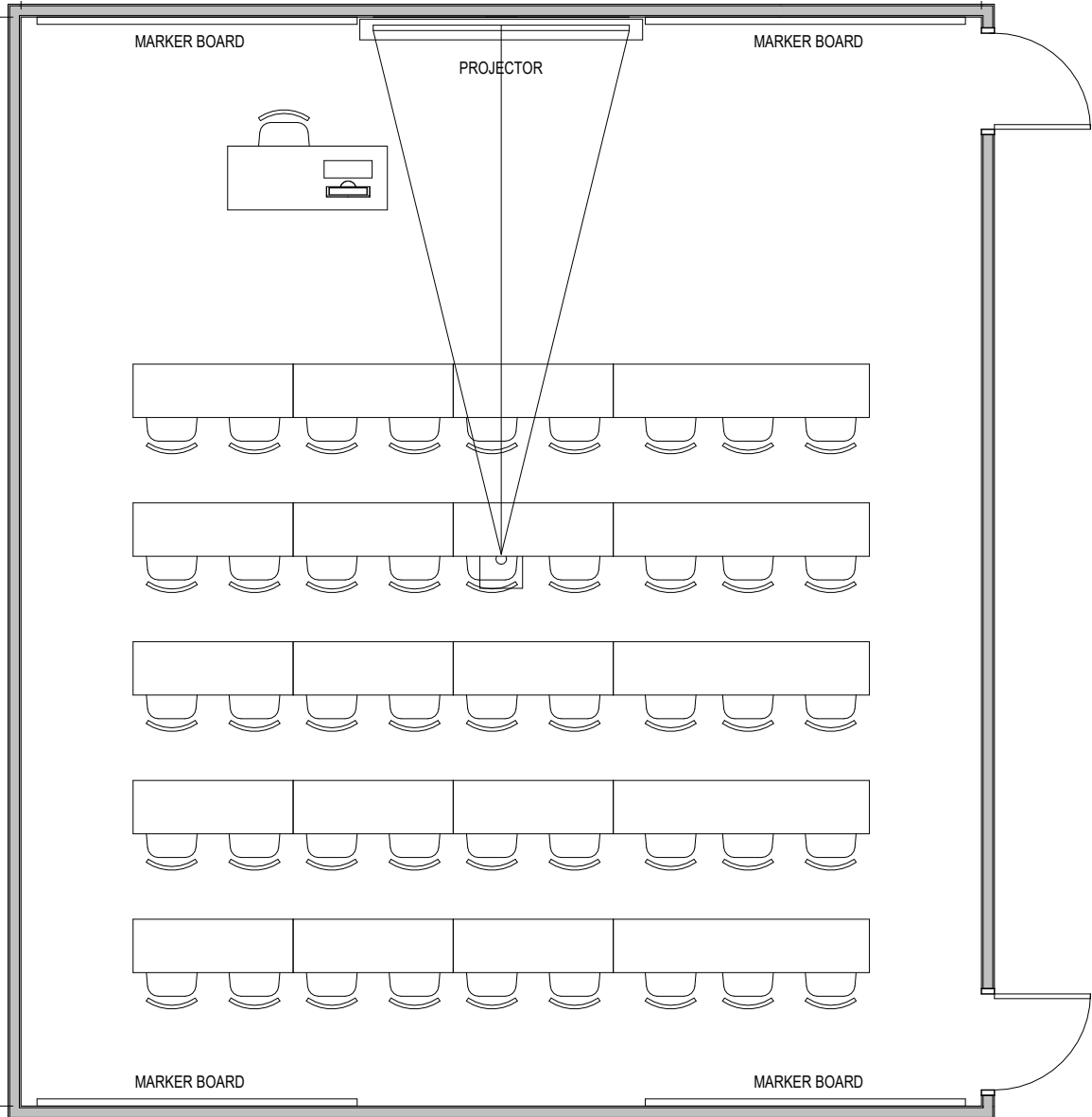
Occupants	Faculty, Staff & Students
Function	Group meeting space
Adjacency	
Environment	
Floor	Carpet
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7'-0"
Equipment	n/a
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable tables and chairs
Electrical	Duplex electrical outlets per code Electrical & voice/data outlets for computer & telephone LED direct/indirect general lighting
A/V	Ceiling mounted motorized projection screen Ceiling mounted video projector Wall-mounted monitor A/V equipment as required
Plumbing	N/A
Notes	Located along corridor for shared use



CLASSROOM - 40-45P

Primary Users: KU | WSU | WSU TECH

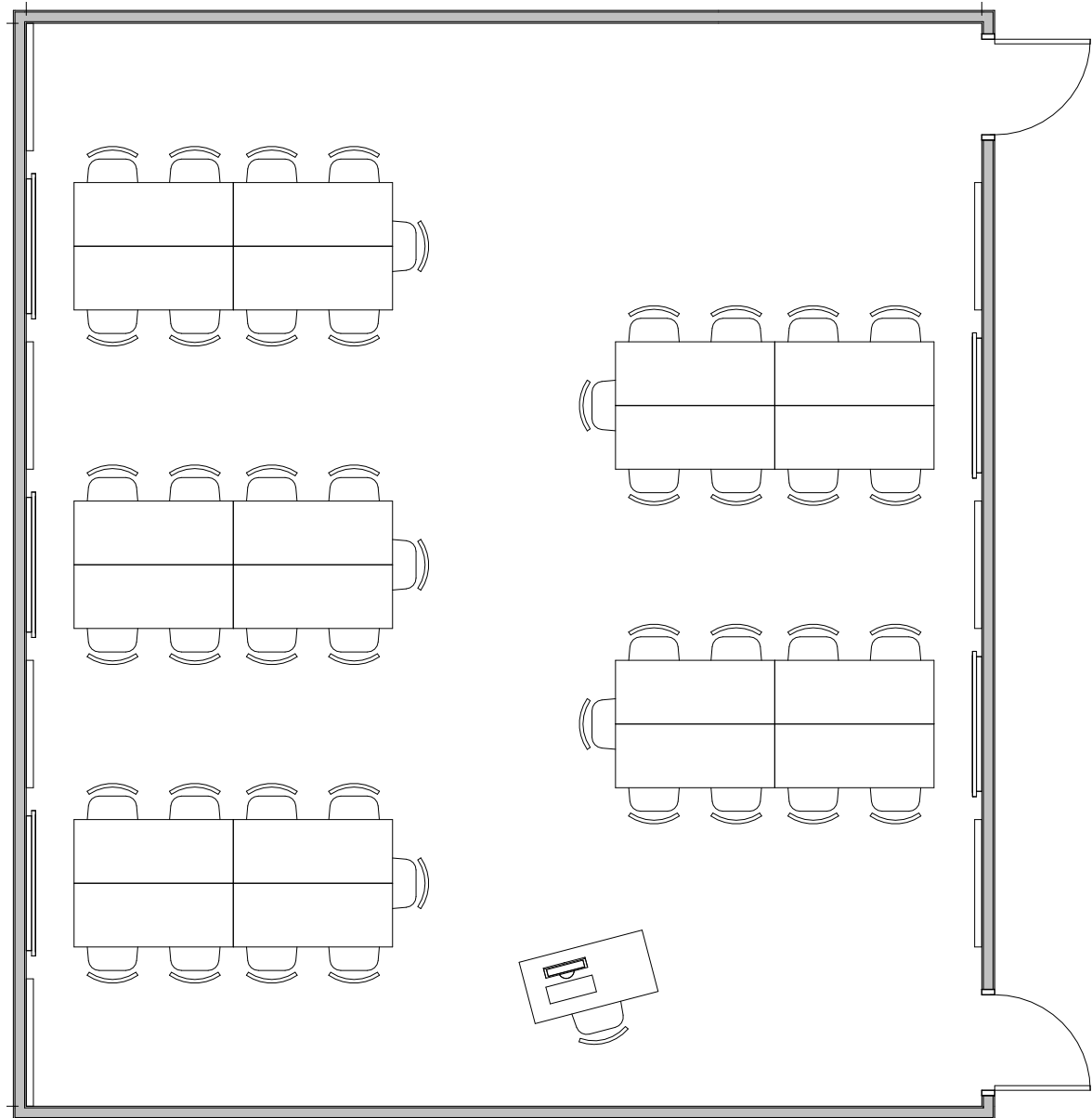
Occupants	Faculty, Staff & Students
Function	Classroom
Adjacency	
Environment	
Floor	Carpet
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7'-0"
Equipment	n/a
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable tables and chairs
Electrical	Duplex electrical outlets per code Electrical & voice/data outlets for computer & telephone LED direct/indirect general lighting
A/V	Ceiling mounted motorized projection screen Ceiling mounted video projector Wall-mounted monitor A/V equipment as required
Plumbing	N/A
Notes	Located along corridor for shared use



ACTIVE LEARNING CLASSROOM - 40-45P

Primary Users: KU | WSU | WSU TECH

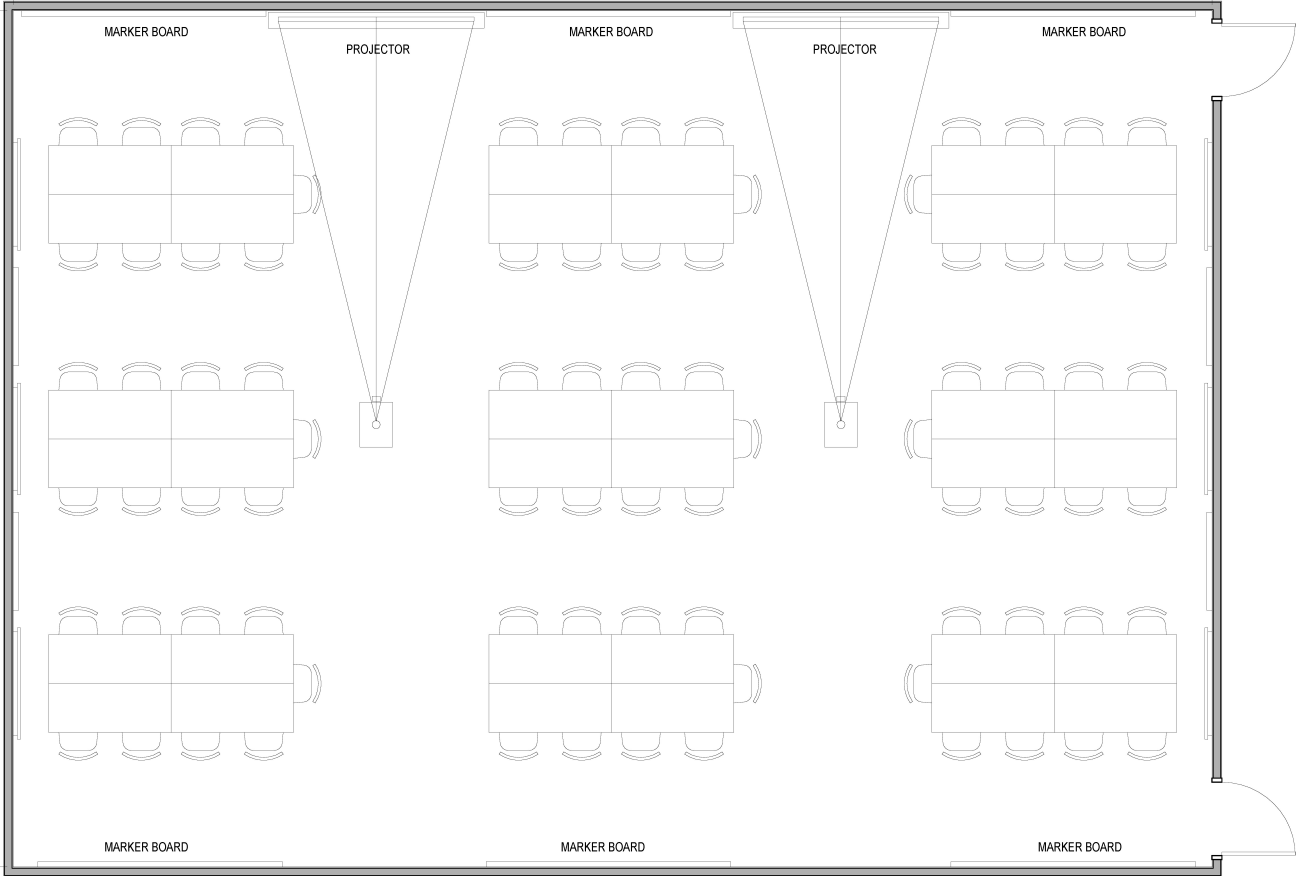
Occupants	Faculty, Staff & Students
Function	Classroom
Adjacency	
Environment	
Floor	Carpet
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7'-0"
Equipment	n/a
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable tables and chairs
Electrical	Duplex electrical outlets per code Electrical & voice/data outlets for computer & telephone LED direct/indirect general lighting
A/V	Ceiling mounted motorized projection screen Ceiling mounted video projector Wall-mounted monitor A/V equipment as required
Plumbing	N/A
Notes	Located along corridor for shared use



CLASSROOM - 70-80P

Primary Users: KU | WSU | WSU TECH

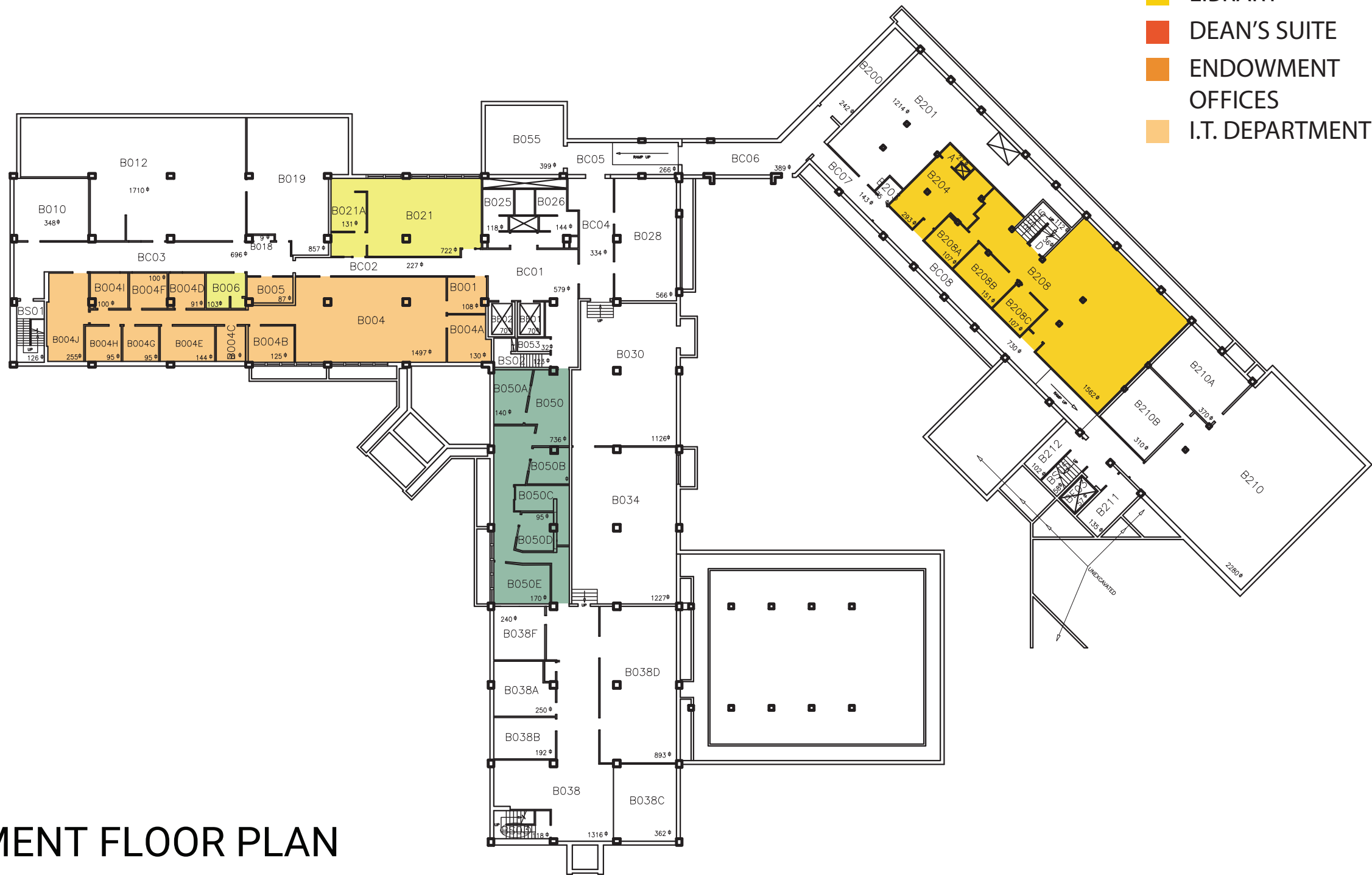
Occupants	Faculty, Staff & Students
Function	Classroom
Adjacency	
Environment	
Floor	Carpet
Walls	Gypsum board, Paint
Windows	n/a
Ceiling	Lay-in acoustic tile, height varies
Door	Solid core wood doors, 3'-0" x 7'-0"
Equipment	n/a
Mechanical	Individual room temperature control Typical HVAC
Furnishings	Moveable tables and chairs
Electrical	Duplex electrical outlets per code Electrical & voice/data outlets for computer & telephone LED direct/indirect general lighting
A/V	Ceiling mounted motorized projection screen Ceiling mounted video projector Wall-mounted monitor A/V equipment as required
Plumbing	N/A
Notes	Located along corridor for shared use



APPENDIX

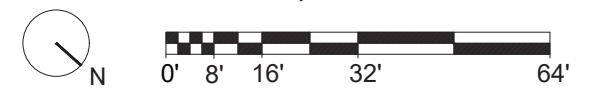
Existing space floor plans and space use

- WCGME/GME
- FACILITIES
- RURAL HEALTH
- ACADEMIC HOME
- LIBRARY
- DEAN'S SUITE
- ENDOWMENT OFFICES
- I.T. DEPARTMENT
- PSYCHIATRY CLINIC
- CLASSROOMS
- INTERNAL MEDICINE CLINIC
- INTERNAL MEDICINE ADMIN
- FAMILY & COMMUNITY MEDICINE
- CENTER FOR CLINICAL RESEARCH
- PUBLIC AFFAIRS
- SIMULATION CENTER
- HUMAN RESOURCES
- PROMETRICS STEP TESTING CENTER
- MEDICAL PRACTICE ASSOCIATION



BASEMENT FLOOR PLAN

SCALE: 1/32" = 1'-0"



- WCGME/GME
- FACILITIES
- RURAL HEALTH
- ACADEMIC HOME
- LIBRARY
- DEAN'S SUITE
- ENDOWMENT OFFICES
- I.T. DEPARTMENT
- PSYCHIATRY CLINIC
- CLASSROOMS
- INTERNAL MEDICINE CLINIC
- INTERNAL MEDICINE ADMIN
- FAMILY & COMMUNITY MEDICINE
- CENTER FOR CLINICAL RESEARCH
- PUBLIC AFFAIRS
- SIMULATION CENTER
- HUMAN RESOURCES
- PROMETRICS STEP TESTING CENTER
- MEDICAL PRACTICE ASSOCIATION



FIRST FLOOR PLAN

SCALE: 1/32" = 1'-0"



- WCGME/GME
- FACILITIES
- RURAL HEALTH
- ACADEMIC HOME
- LIBRARY
- DEAN'S SUITE
- ENDOWMENT OFFICES
- I.T. DEPARTMENT
- PSYCHIATRY CLINIC
- CLASSROOMS
- INTERNAL MEDICINE CLINIC
- INTERNAL MEDICINE ADMIN
- FAMILY & COMMUNITY MEDICINE
- CENTER FOR CLINICAL RESEARCH
- PUBLIC AFFAIRS
- SIMULATION CENTER
- HUMAN RESOURCES
- PROMETRICS STEP TESTING CENTER
- MEDICAL PRACTICE ASSOCIATION



SECOND FLOOR PLAN

SCALE: 1/32" = 1'-0"

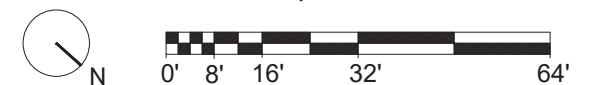


- WCGME/GME
- FACILITIES
- RURAL HEALTH
- ACADEMIC HOME
- LIBRARY
- DEAN'S SUITE
- ENDOWMENT OFFICES
- I.T. DEPARTMENT
- PSYCHIATRY CLINIC
- CLASSROOMS
- INTERNAL MEDICINE CLINIC
- INTERNAL MEDICINE ADMIN
- FAMILY & COMMUNITY MEDICINE
- CENTER FOR CLINICAL RESEARCH
- PUBLIC AFFAIRS
- SIMULATION CENTER
- HUMAN RESOURCES
- PROMETRICS STEP TESTING CENTER
- MEDICAL PRACTICE ASSOCIATION



THIRD FLOOR PLAN

SCALE: 1/32" = 1'-0"

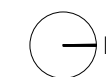


- KU PHARMACY ADMIN
- KU PHARMACY
- STANDARDIZED PATIENTS
- CENTER FOR CLINICAL RESEARCH
- ACADEMIC HOME SPACE
- I.T. DEPARTMENT
- ACADEMIC/STUDENT AFFAIRS
- POPULATION HEALTH OFFICE SUITE
- CLASSROOMS
- MEDICAL EDUCATION ADMIN
- MEDICAL SCIENCES HOME ROOMS
- SHARED SPACE



FIRST FLOOR PLAN

SCALE: 1/32" = 1'-0"



- WSU CHP ADMIN
- WSU CHP CLASSROOMS
- WSU CHP TESTING CENTER
- WSU CHP LABS
- PHYSICIANS ASSISTANT
- MED LAB SCIENCES ADMIN
- MED LAB SCIENCES LABS
- PUBLIC HEALTH ADMIN
- DENTAL HYGIENE
- ACADEMIC HOME
- COMMUNICATION SCIENCES & DISORDERS ADMIN
- NURSING ADMIN
- NURSING SIMULATION/SKILLS



FIRST FLOOR PLAN



SCALE: 1/32" = 1'-0"



- WSU CHP ADMIN
- WSU CHP CLASSROOMS
- WSU CHP TESTING CENTER
- WSU CHP LABS
- PHYSICIANS ASSISTANT
- MED LAB SCIENCES ADMIN
- MED LAB SCIENCES LABS
- PUBLIC HEALTH ADMIN
- DENTAL HYGIENE
- ACADEMIC HOME
- COMMUNICATION SCIENCES & DISORDERS ADMIN
- NURSING ADMIN
- NURSING SIMULATION/SKILLS



SECOND FLOOR PLAN



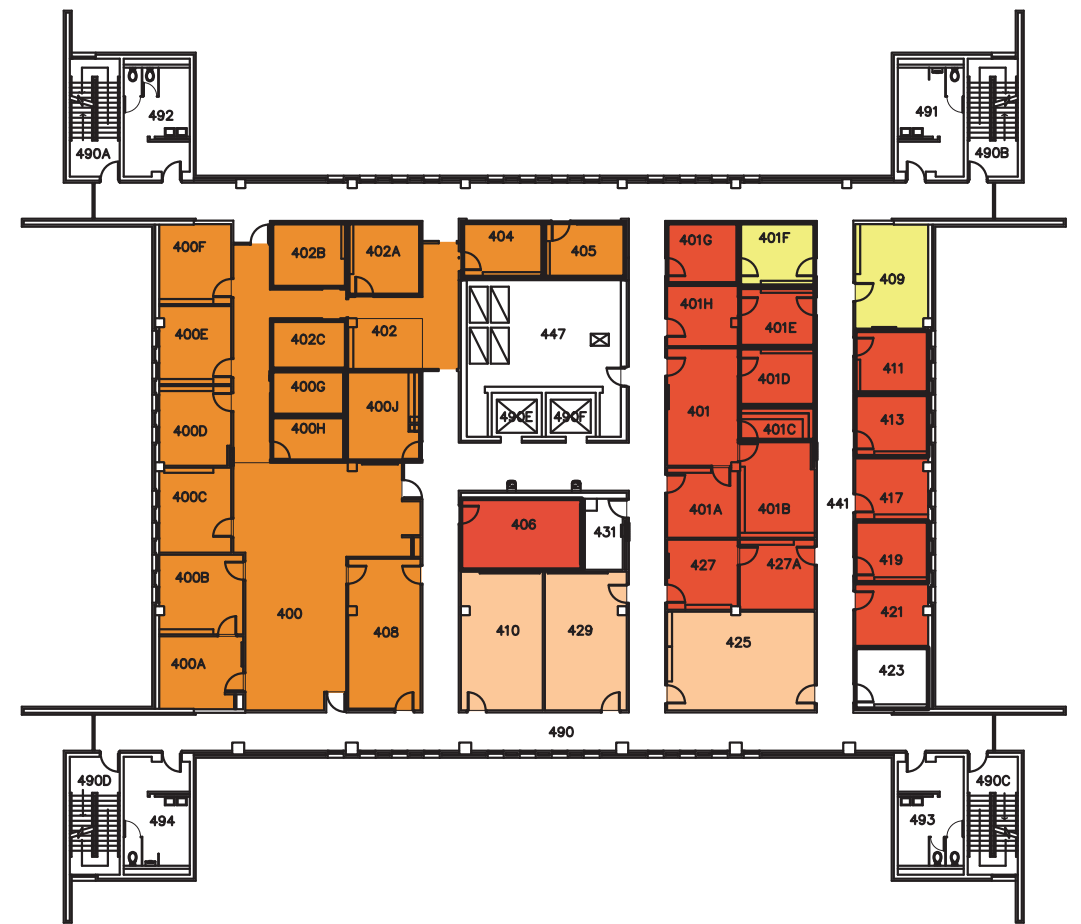
SCALE: 1/32" = 1'-0"



- WSU CHP ADMIN
- WSU CHP CLASSROOMS
- WSU CHP TESTING CENTER
- WSU CHP LABS
- PHYSICIANS ASSISTANT
- MED LAB SCIENCES ADMIN
- MED LAB SCIENCES LABS
- PUBLIC HEALTH ADMIN
- DENTAL HYGIENE
- ACADEMIC HOME
- COMMUNICATION SCIENCES & DISORDERS ADMIN
- NURSING ADMIN
- NURSING SIMULATION/SKILLS



THIRD FLOOR PLAN



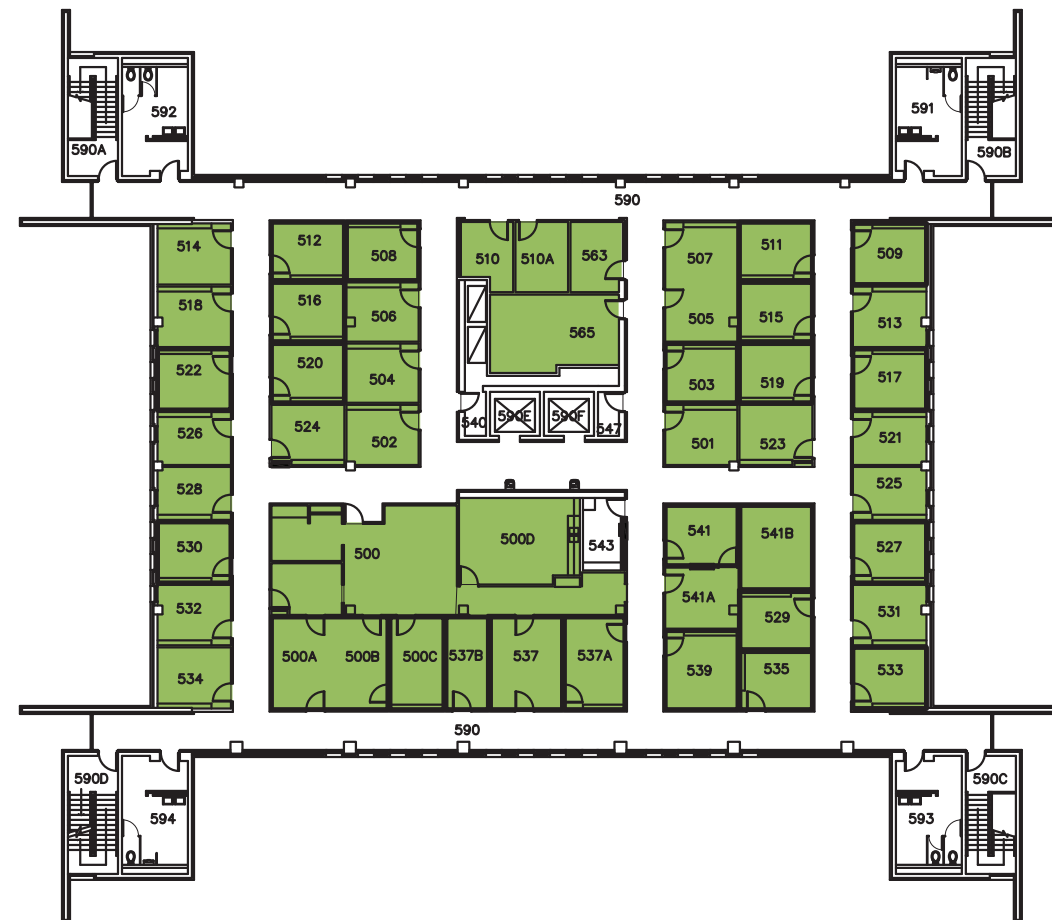
FOURTH FLOOR PLAN



SCALE: 1/32" = 1'-0"



- WSU CHP ADMIN
- WSU CHP CLASSROOMS
- WSU CHP TESTING CENTER
- WSU CHP LABS
- PHYSICIANS ASSISTANT
- MED LAB SCIENCES ADMIN
- MED LAB SCIENCES LABS
- PUBLIC HEALTH ADMIN
- DENTAL HYGIENE
- ACADEMIC HOME
- COMMUNICATION SCIENCES & DISORDERS ADMIN
- NURSING ADMIN
- NURSING SIMULATION/SKILLS



FIFTH FLOOR PLAN



SCALE: 1/32" = 1'-0"

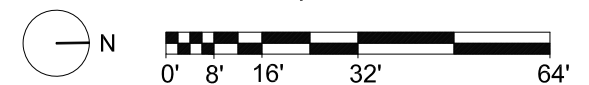


- WSU TECH ADMIN
- WSU TECH CLASSROOM
- WSU TECH SIMULATION LAB
- WSU TECH ACADEMIC HOME
- WSU CHP ADMIN
- WSU PA/PT SHARED CLASSROOM
- WSU PT LABS
- WSU PT CLASSROOM
- WSU PA/PT SKILLS LAB
- WSU PA CLASSROOM
- WSU PA LABS
- WSU ACADEMIC HOME
- SHARED ALL



FIRST FLOOR PLAN

SCALE: 1/32" = 1'-0"



- AUDIOLOGY CLINIC
- SPEECH PATHOLOGY CLINIC
- SHARED



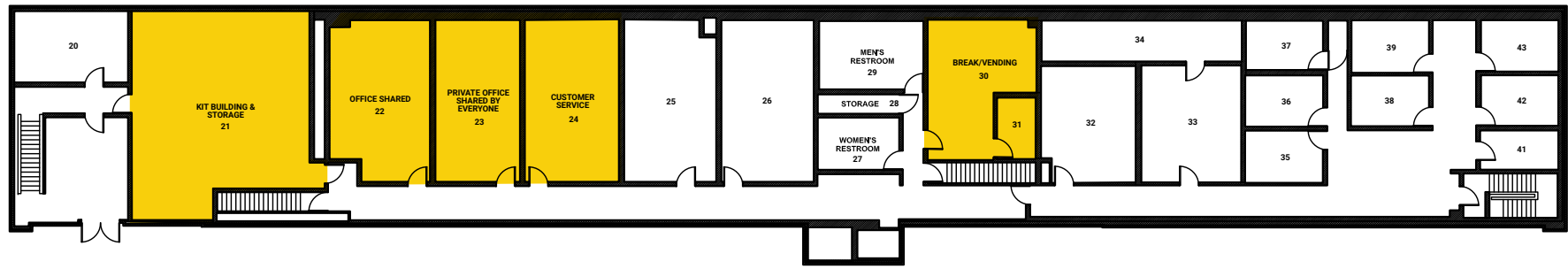
FIRST FLOOR PLAN



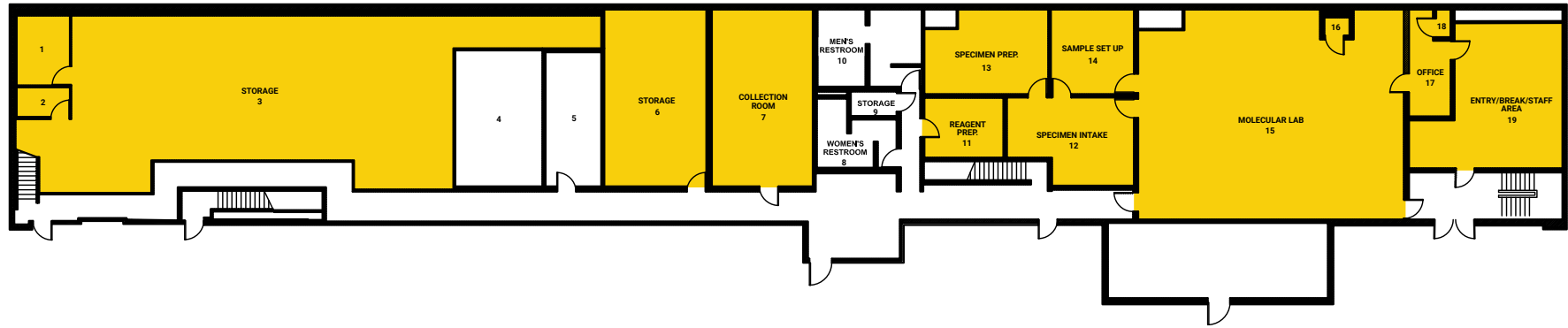
SCALE: 1/32" = 1'-0"



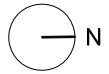
MOLECULAR DIAGNOSTICS LABORATORY



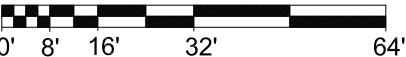
SECOND FLOOR PLAN



FIRST FLOOR PLAN



SCALE: 1/32" = 1'-0"



- WSU HUMAN PERFORMANCE ADMIN
- WSU HUMAN PERFORMANCE CLASSROOMS
- WSU HUMAN PERFORMANCE LABS



SCALE: 1/32" = 1'-0"



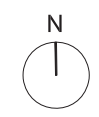
- AEGD ADMIN
- WAITING AREA
- AEGD LABS/TREATMENT ROOMS
- AEGD LAB SUPPORT
- DENTAL HYGIENE
- DENTAL ASSISTANTS LABS
- DENTAL ASSISTANTS LAB SUPPORT
- SHARED SPACE
- BUILDING SUPPORT



SCALE: 1/16" = 1'-0"



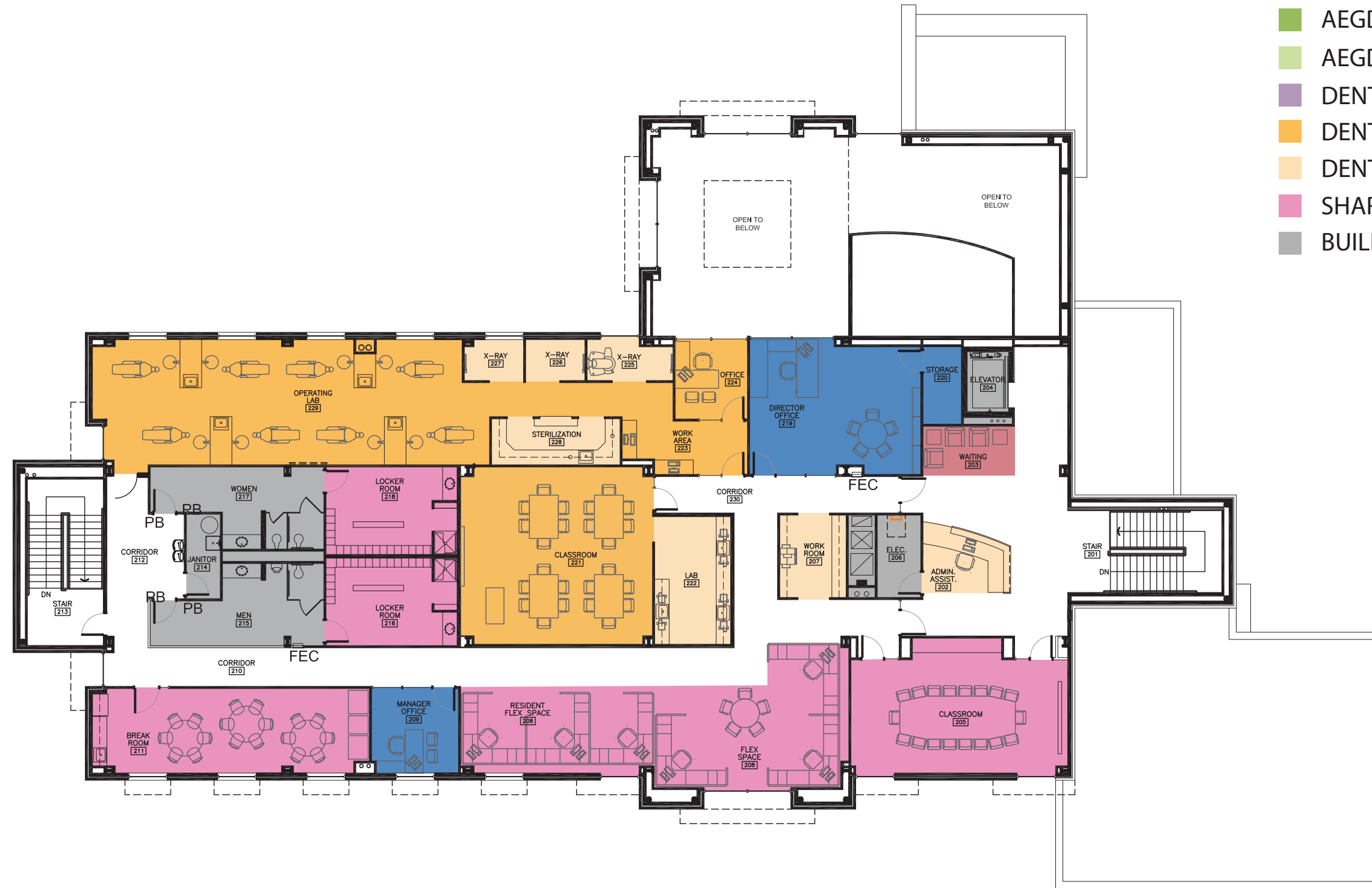
- AEGD ADMIN
- WAITING AREA
- AEGD LABS/TREATMENT ROOMS
- AEGD LAB SUPPORT
- DENTAL HYGIENE
- DENTAL ASSISTANTS LABS
- DENTAL ASSISTANTS LAB SUPPORT
- SHARED SPACE
- BUILDING SUPPORT



SCALE: 1/16" = 1'-0"



- AEGD ADMIN
- WAITING AREA
- AEGD LABS/TREATMENT ROOMS
- AEGD LAB SUPPORT
- DENTAL HYGIENE
- DENTAL ASSISTANTS LABS
- DENTAL ASSISTANTS LAB SUPPORT
- SHARED SPACE
- BUILDING SUPPORT



SCALE: 1/16" = 1'-0"

