



KANSAS STATE UNIVERSITY

UTILIZATION AND SPACE NEEDS ANALYSIS FOR THE CAMPUS MASTER PLAN



February 2013

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EXECUTIVE SUMMARY

Introduction

Paulien & Associates, Inc. (Denver, Colorado) is a firm that specializes in higher education facilities planning. The firm was selected in association with Ayers | Saint | Gross Architects (Baltimore, Maryland) to conduct an academic space utilization and space needs analysis in support of the campus master planning effort for Kansas State University (Manhattan, Kansas).

The work completed by Paulien & Associates included academic space utilization, base year (2011) space needs analysis, and target year (2025) space needs analysis. The academic space utilization shows how classrooms and teaching laboratories were used during a term; in this case during fall 2011. The outcome of a space needs analysis are the types and amounts of space needed at the current student enrollment (base year) and the projected student enrollment (target year). While K-State delivers programs at many sites, all analyses were developed only for the main campus in Manhattan.

The method of determining space needs analyses is based on the institution's data, the strategic goals of the University, and the consultants' understanding of best practices, relevant guidelines, and appropriate institutional comparatives from previous work. K-State provided institutional data related to facilities, course, staffing, current and projected student enrollments, and research expenditures. This information was validated where necessary during on campus meetings and through email and phone correspondence. The classification of classrooms and teaching laboratories was reviewed and corrected with K-State during development of the academic space utilization. Enrollment projections were determined by the Deans of each college and reviewed by the Provost.

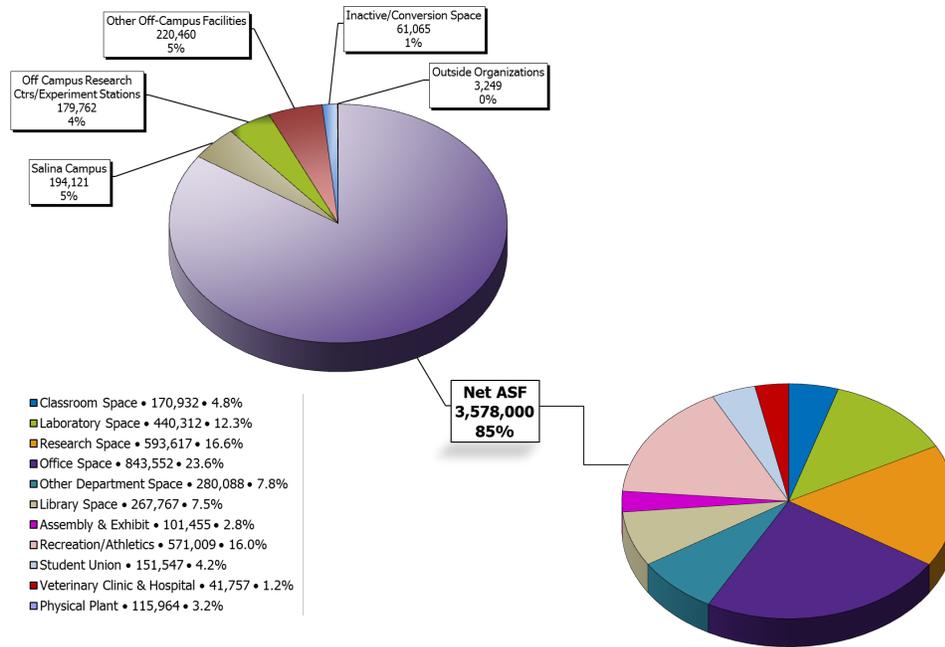
The space needs analysis is quantitative and identifies the types and amounts of space. The analysis is compiled in assignable square feet (ASF). The condition of existing facilities is not considered at this level of analysis. Residential facilities were not included in the analysis. The need for housing and dining services are components of the campus master plan, but the work was completed by others.

Meetings and presentations occurred throughout the analyses process. Paulien & Associates met with representatives of each academic and administrative unit on campus during the first site visit (February 2012). A presentation on campus was made of the academic space utilization in March 2012. The draft space needs analysis was presented to the University in July 2012. Various conference calls and webinars occurred with K-State throughout the analyses as well to clarify data, discuss key issues, and present draft findings.

Overview of Findings

Existing & Planned Facilities

- The analysis focused on the space needs of the Manhattan Campus. Facilities at other sites as well as leased spaces were excluded.
- The following charts and table show the total amount of assignable square feet (ASF) in the K-State facilities inventory (4,253,575 ASF) and the amount of space included in the Manhattan Campus Analysis (3,578,000 ASF). The project total ASF is used in the analysis; the gross square feet is provided for convenience.



- Utilizing 2011 data, K-State is planning or has under construction facilities that will affect the amount of existing space at the target year. The facilities are shown on each of the space needs analysis summary tables within this Executive Summary on the table *Planned Projects*.

Planned Projects

Project	Project Total ASF	Project Total GSF
Funded or Under Construction		
Bill Snyder Family Stadium/Football Complex	9,700	78,815
Bill Snyder Family Stadium/Football Complex Phase II	199,340	212,000
Bramlage Coliseum	47,635	59,544
Agronomy Education Center	6,000	8,700
Memorial Stadium Welcome Center	29,860	34,700
Purple Masque Theatre in West Stadium	28,400	34,700
Equine Education Center	59,500	64,000
Justin Hall - Human Ecology	10,922	16,376
Chester E. Peters Rec Center	88,400	88,400
Engineering Complex Phase IV	51,500	80,000
Grain Science Center Feed Mill	10,647	19,044
Sheep and Meat Goat Unit	20,305	58,294
TOTAL	562,209	754,573

ASF = Assignable Square Feet; GSF = Gross Square Feet

Enrollment Projections

- The base year (2011) analysis shows the amount and types of space needed at a student enrollment of 20,837 headcount students. The target year (2025) is aligned with the K-State’s Strategic Plan (*K-State 2025: A Visionary Plan for Kansas State University*). The projected enrollment at the target year is 23,316 headcount students, which is a 12% increase over the fall 2011 student headcount. Projections are shown by College on the table, *Enrollment Projections*.

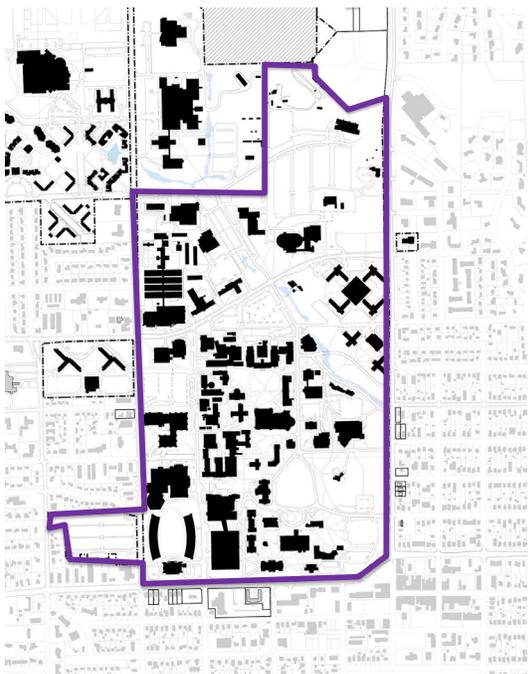
Enrollment Projections *

College	Fall 2011	% Growth	No. of Students	Target Year**
College of Agriculture	2,575	15%	386	2,961
College of Architecture, Planning and Design	722	8%	58	780
College of Arts & Sciences	7,433	10%	743	8,176
College of Business Administration	2,562	13%	333	2,895
College of Education	1,647	0%	0	1,647
College of Engineering	3,367	21%	700	4,067
College of Human Ecology	2,005	10%	201	2,206
College of Veterinary Medicine	526	11%	58	584
Projected University Growth	20,837	12%	2,479	23,316

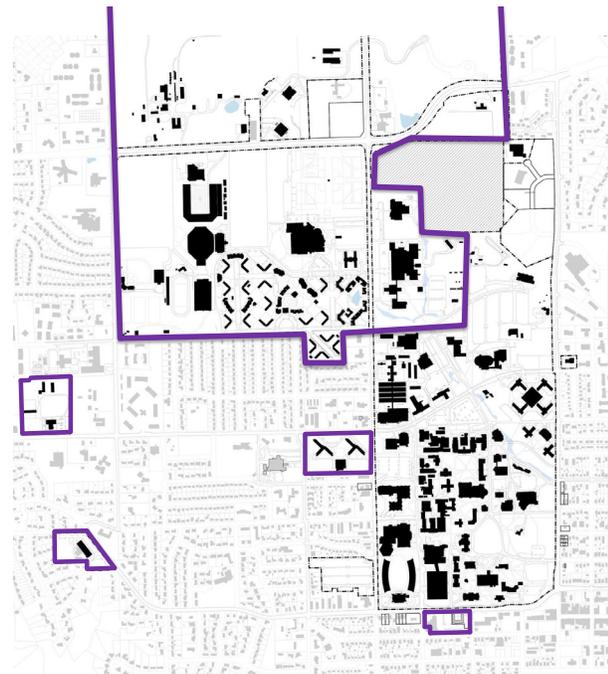
* Data and percentages provided by Kansas State University; approved by Provost 7/25/12
 ** Target Year is 2025

Analysis Organization

- The space needs analysis is organized in two groups. The first is “Core Academic Space”, which are colleges or space types that are central to the University. The second is “Other”, which includes all other colleges or space types. These groupings were determined through discussion with K-State. The following graphics shows the geographical relationship to this method of organization. The “Core Academic Space” is shown on the left and “Other” is shown on the right.



Core Academic Space



Other

Faculty & Staff

- There are almost 6,900 headcount employees on the Manhattan Campus. The total includes 1,155 full-time faculty headcount and 172 part-time faculty headcount. Paulien & Associates, with approval from K-State, calculated the projected number of faculty and staff. Faculty are projected at the same percentage as that of the students within the College (e.g., the projected student growth in the College of Agriculture is 15% and therefore the faculty were projected to grow 15%). Academic staff positions are calculated at half the rate of faculty. Administrative professional staff positions were calculated at the rate of projected university growth (12%) and administrative support positions were calculated at half that rate (6%). The projections result in a total of 7,530 headcount employees at the target year. The target year total includes 1,328 full-time faculty headcount and 180 part-time faculty headcount.

Utilization

- The utilization analysis shows an average of 29 weekly room hours, which is below the guideline of 32 weekly room hours. When the classrooms are scheduled, the seats are being filled at the guideline of 65% student station occupancy.
- Approximately 30% of the classrooms on campus are departmentally controlled. The 125 general purpose classrooms average 32 weekly room hours at 64% student station occupancy. The 51 departmentally controlled classrooms average 24 weekly room hours at 66% student station occupancy. The general purpose classrooms had better utilization than the departmentally held classrooms.
- The teaching laboratories have an average utilization of 18 weekly room hours at 84% student station occupancy. The average weekly room hours is appropriate for an institution such as K-State. The College of Business Administration's computer laboratory was used an average of 33 weekly room hours, which is not surprising for the types of courses held in the space (computer-based). Colleges with programs in the sciences, fine and performing arts, agriculture, architecture, engineering, and veterinary medicine have teaching laboratories with discipline-specific equipment or features that require use of the space outside of the scheduled course time and these spaces average lower weekly room hours.

Space Needs Analysis by Space Category Summary

- The following table, *Campuswide Space Needs Analysis*, shows the types and amounts of space needed on campus at the current and projected student enrollments.
- The largest deficit of space at the target year is in the research space category. K-State's Strategic Plan states that the University will be recognized nationally as a Top 50 public research university. K-State's research expenditures in FY 2011 were almost \$125M. The most recently available National Science Foundation (NSF) rankings show the #50 institution to be at \$262M. The University will need to increase research by \$137M to reach this goal. The result is a current (base year) deficit of 108,000 ASF and a target year deficit of over 850,000 ASF, which is split between "Research in the Core", the College of Veterinary Medicine (includes the College's research space), and "Research outside the Core (except Vet Med)".
- Classroom space is in surplus at the base and target years. A planned project for classrooms (21,984 ASF of space) at the target year impacts the space need as there would be around a 7,400 ASF deficit without the project. The target year need results from the student population increase as well as the impact of the existing average of 17 ASF per station for classrooms, which is lower than the guideline of 22 ASF per station.
- Even though athletics shows the largest need for space at the base year, it is reflective of projects already underway. The teaching laboratory deficit of 94,500 ASF is a greater need. The teaching laboratory deficit increases to approximately 108,000 ASF at the target year. The projected growth in the College of Agriculture, College of Arts & Sciences, College of Engineering, and College of Veterinary Medicine is a factor resulting in the space deficit as these Colleges deliver a high percentage of their courses in teaching laboratories.
- Open laboratory space is in deficit at the base and target years. The existing space includes, for example, music practice rooms, open access computer laboratories, testing and tutoring areas, and rooms with discipline specific equipment or features that are not scheduled for instruction (i.e., architectural studios).
- K-State needs more study stations for students, which results in a library space deficit. Study stations should be throughout campus and are comprised of group study rooms, collaborative learning areas, and ad hoc spaces in which students and faculty can gather relative to academic pursuit. Many campuses do not have these spaces outside the library, but consideration should be given to addressing this space need wherever possible in academic buildings.

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- Assembly and exhibit space includes galleries, museums, exhibition areas, and gathering spaces that directly support academic programs. The guideline is split between the “Core Academic Space” and “Other” groupings. The “Other” group includes the Equine Center and all other assembly and exhibit space is shown under “Core Academic Space”. The guideline includes additional ASF to account for the Equine Center and the Beach Art Museum, which are unique and over and above the typical guideline. This space category is in deficit at the base and target years as more space is needed for student-focused performance venues such as recital halls and related support areas.

Campuswide Space Needs Analysis

SPACE CATEGORY	2011 Student Headcount = 20,837 Staffing FTE = 5,132			Target Year Student Headcount = 23,316 Staffing FTE = 5,642			
	Existing ASF	Guideline ASF	Surplus / (Deficit)	Planned Projects	Existing ASF	Guideline ASF	Surplus / (Deficit)
Core Academic Space	2,077,746	2,287,028	(209,282)	104,065	2,181,811	2,762,671	(580,860)
Classrooms & Service	170,932	160,518	10,414	21,984	192,916	178,403	14,513
Teaching Laboratories & Service	166,658	261,125	(94,467)	11,350	178,008	285,596	(107,588)
Open Laboratories & Service	243,556	262,259	(18,703)	0	243,556	293,534	(49,978)
Library/Study/Collaborative Learning Space	257,908	286,388	(28,480)	0	257,908	301,327	(43,419)
Academic Offices & Service	643,017	697,300	(54,283)	26,292	669,309	756,295	(86,986)
Assembly & Exhibit (excluding Equine Center)	44,650	53,888	(9,238)	21,791	66,441	100,369	(33,928)
Other Academic Space	200,744	231,592	(30,848)	12,898	213,642	266,456	(52,814)
Research in the Core	350,281	333,959	16,322	9,750	360,031	580,690	(220,659)
Other	1,500,254	2,158,971	(658,717)	458,144	1,958,398	2,946,748	(988,350)
College of Veterinary Medicine (all space)	239,281	386,935	(147,654)	0	239,281	572,777	(333,496)
Administrative Offices & Service	147,811	183,270	(35,459)	34,580	182,391	191,810	(9,419)
Assembly & Exhibit (Equine Center)	56,805	68,584	(11,779)	56,029	112,834	127,743	(14,909)
Research outside the Core (except Vet Med)	191,763	240,180	(48,417)	18,300	210,063	621,350	(411,287)
Other Administrative Space	26,074	41,674	(15,600)	0	26,074	46,632	(20,558)
Athletics	392,659	654,794	(262,135)	262,135	654,794	654,794	0
Student Recreation & Kinesiology	178,350	219,424	(41,074)	87,100	265,450	246,859	18,591
Student Union	151,547	187,533	(35,986)	0	151,547	209,844	(58,297)
Physical Plant	115,964	176,576	(60,612)	0	115,964	274,940	(158,976)
CAMPUS TOTAL	3,578,000	4,445,999	(867,999)	562,209	4,140,209	5,709,419	(1,569,210)
<i>Inactive/Conversion Space</i>	<i>61,065</i>						
<i>Outside Organizations</i>	<i>3,249</i>						

- Academic and administrative offices are in deficit as the result of insufficient space currently and the projected growth of faculty and staff.
- Additional student union space is needed at the base and target years for additional meeting rooms, student organization offices and work areas, dining, and areas in which to offer programs for students.
- Graduate student support space is important to provide on the K-State main campus. The consultant finds that dedicated space for graduate students enhances their endeavours. Graduate student support space includes meeting areas, computing space, lounges, and resource areas. Approximately 5,900 ASF is generated at the target year among the colleges for graduate student support space. Offices for graduate students are allocated under the academic office guideline.
- K-State Athletics will benefit from several planned projects. These new and renovated facilities will provide appropriately for K-State and, therefore, the amount of planned space is the guideline at the base and target years.
- Student recreation space is in a deficit at the base year. A planned project, the Chester E. Peters Recreation Center addition, will add space and create a surplus at the target year.
- The guideline for physical plant space is based on the existing ASF at the base year and the guideline ASF at the target year. The deficit in this space category is due to the facilities required to operate and manage a campus the size of K-State at the target year.

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Space Needs Analysis by College/Unit Summary

- The table, *College/Unit Space Needs Analysis*, is a summary of the space needs analysis for each college and administrative unit.

College/Unit Space Needs Analysis

College / Unit	2011			Target Year			
	Existing ASF	Guideline ASF	Surplus / (Deficit)	Planned Projects	Existing ASF	Guideline ASF	Surplus / (Deficit)
	Student Headcount = 20,837 Staffing FTE = 5,132			Student Headcount = 23,316 Staffing FTE = 5,642			
Core Academic Space	1,710,794	1,898,757	(187,963)	88,645	1,799,439	2,343,041	(543,602)
Agriculture	394,371	411,748	(17,377)	22,123	416,494	556,929	(140,435)
Architecture, Planning, and Design	101,261	131,896	(30,635)	0	101,261	145,948	(44,687)
Arts and Sciences	607,535	672,079	(64,544)	0	607,535	859,042	(251,507)
Office of the Dean	12,904	33,070	(20,166)	0	12,904	40,879	(27,975)
Fine & Performing Arts	101,450	139,744	(38,294)	0	101,450	149,601	(48,151)
Humanities	25,578	31,141	(5,563)	0	25,578	34,199	(8,621)
Sciences	389,271	392,308	(3,037)	0	389,271	550,787	(161,516)
Social Sciences	78,332	75,816	2,516	0	78,332	83,576	(5,244)
Business Administration	21,712	29,868	(8,156)	0	21,712	34,235	(12,523)
Continuing Education	21,464	13,139	8,325	0	21,464	13,873	7,591
Education	50,592	57,674	(7,082)	0	50,592	59,070	(8,478)
Engineering	259,907	321,466	(61,559)	40,500	300,407	359,685	(59,278)
Human Ecology	82,238	99,136	(16,898)	4,038	86,276	133,286	(47,010)
Classroom & Service	170,932	160,518	10,414	21,984	192,916	178,403	14,513
Vice President, Research	782	1,234	(452)	0	782	2,570	(1,788)
Other	1,867,206	2,547,242	(680,036)	473,564	2,340,770	3,366,378	(1,025,608)
Veterinary Medicine (with research)	239,281	386,935	(147,654)	0	239,281	572,777	(333,496)
Agriculture (Equine Center only)	56,805	68,584	(11,779)	56,029	112,834	108,059	4,775
Office of the President	48,237	76,252	(28,015)	0	48,237	78,154	(29,917)
Provost and Senior Vice President	318,310	344,028	(25,718)	15,420	333,730	387,751	(54,021)
Vice President, Administration and Finance	196,459	232,891	(36,432)	0	196,459	326,530	(130,071)
Vice President, Communications and Marketing	22,847	34,466	(11,619)	0	22,847	42,793	(19,946)
Vice President, Student Life	220,272	292,596	(72,324)	121,680	341,952	333,799	8,153
Vice President, Research (without research)	28,244	27,748	496	0	28,244	27,957	287
Research outside the Core (without Vet Med)	192,545	241,414	(48,869)	18,300	210,845	623,920	(413,075)
Athletics	392,659	654,794	(262,135)	262,135	654,794	654,794	0
Student Union	151,547	187,533	(35,986)	0	151,547	209,844	(58,297)
CAMPUS TOTAL	3,578,000	4,445,999	(867,999)	562,209	4,140,209	5,709,419	(1,569,210)
Inactive/Conversion Space	61,065						
Outside Organizations	3,249						

ASF = Assignable Square Feet

- As with the Campuswide Space Needs Analysis the summary by college and administrative unit has two groupings: "Core Academic Space" and "Other". The "Core Academic Space" grouping includes colleges and space within the core.
- The College of Agriculture's base year space deficit results from the need for additional offices, open laboratories, and academic support space. The target year space needs are similar to the base year and compounded by the increase in research. The College of Agriculture is split between the two groupings on the summary table - most of the College is shown under "Core Academic Space", which includes 25% of the research. The remaining 75% of the College of Agriculture's research is shown under "Other - Research outside the Core (without Vet Med)". The target year existing space includes the planned projects of the Agronomy Education Center, the Equine Education Center, the Grain Science Center, and the Sheep & Meat Goat Unit.
- The College of Architecture, Planning, and Design has a space deficit at the base and target years. The College needs additional space for teaching laboratories, open laboratories, research, offices, library, assembly and exhibit, and academic support space. The need for teaching and open laboratories results from the constraint of these existing spaces and the vision to provide more interdisciplinary collaboration. The College lacks sufficient support facilities (i.e., wood shop, photography areas, 3D model production equipment areas) and this is a primary contributor to the deficits. The deficit of library space is for additional group study rooms, collaborative learning areas throughout the building, and informal gathering places for student-faculty interaction. Additional gallery space is also needed.

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- The College of Arts & Sciences (CAS) is grouped for the purposes of this analysis by discipline: Fine & Performing Arts; Humanities Sciences; and Social Sciences. The Office of the Dean of the College is also a component of this group.
- The existing ASF under the Office of the Dean of the College of Arts & Sciences includes the library space in the General Richard B. Meyers building, offices, and several teaching and open laboratories that were not assigned to specific disciplines in the facilities inventory. The space deficit results from the need for additional office space.
- The CAS Fine & Performing Arts require additional teaching laboratories and open laboratories as well as assembly and exhibit space. Graduate students and faculty in art have studio space and the amount of this type of space needs to increase. Support area for the studios and instructional spaces is also in deficit. Music needs recital hall space, more instructional laboratories, and practice rooms. Communication Studies, Theatre, and Dance need practice spaces and academically focused performance venues.
- The CAS Humanities includes American Ethnic Studies, English, Modern Languages, and Philosophy. The space deficit at the base and target years results from the need for additional office space.
- The departments under the CAS Sciences include Biochemistry, Biology, Chemistry, Geology, Kinesiology, Mathematics, Physics, Psychology, and Statistics. Application of the guidelines results in the need for additional teaching laboratories, research, and office space. The research space is allocated at 70% in the “Core Academic Space” and 30% “Other - Research outside the Core (without Vet Med)”.
- The CAS Social Sciences include: Aerospace Studies; Economics; Geography; History; International Studies; Journalism and Mass Communication; Military Science; Political Science; Sociology, Anthropology and Social Work; and Women’s Studies. This group requires an increase in teaching laboratories and offices.
- The College of Business Administration has a space deficit at the base and target years. The deficit at the target years results from the need for more teaching and open laboratories, offices, and research space.
- The Division of Continuing Education is located currently in College Court, which is a leased space. There is a surplus of space as the existing ASF is greater than the guideline generates for the number of staff assigned to this College.
- The Division of Education does not currently have any dedicated research space identified in the facilities inventory. The deficit at the base and target year includes dedicated space for research, which will be in the “Core Academic Space”. Research space is accommodated within faculty offices as well as space for centers, institutes, and research-related activities. Other space needs include teaching laboratories and academic support space.
- The College of Engineering has a planned project at the target year for the Engineering Complex Phase IV. Even with this project there is a space need at the target year. There will still be a need for more teaching, open, and research laboratories. The research space need is split with 50% in the “Core Academic Space” and 50% in “Other - Research outside the Core (without Vet Med)”.
- The College of Human Ecology has space deficits at the base and target years. The College requires additional teaching, open, and research laboratory space as well as offices. There is a planned project at the target year (Justin Hall), but the amount of space planned will not offset the deficit.
- The College of Veterinary Medicine needs significantly more research space, particularly at the target year. The College also requires more teaching and open laboratories, offices, library space (i.e., collaborative learning space), and academic support spaces. More space is needed for the Veterinary Clinic & Hospital as well.
- The Equine Center is a program of the College of Agriculture, but has been parsed out for this analysis. There is a planned project for the Equine Center that will increase the amount of existing space at the target year. This planned project will bring the amount of space needed for the Equine Center into relative balance.
- The Office of the President requires additional office and office support space types at the base and target years. Examples of space needed include offices and workstations for employees, conference and meeting rooms, and support areas such as file and work rooms.
- The space deficits at the base and target years for the Provost and Senior Vice President result from the need for additional office, office support, assembly and exhibit, and library space. The need for office and office support space is linked to an increase in staff. The deficit in library space results from the increased need for study space as the student population grows, as well as not enough of this space at the current enrollment. The assembly and exhibit space is the renovation for the Purple Masque Theatre. As assembly and exhibit space is needed across campus, there is a deficit of this space under the Provost and Senior Vice President.

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- The Vice President, Administration and Finance includes the Office of the Vice President, physical plant spaces, and other departments such as the Controller's Office. The deficit in the space needs shown for the Vice President, Administration and Finance is the result of the physical plant deficit, which is a space category.
- The Vice President, Communications and Marketing has a space deficit at the base and target years. The deficit results from the need for physical plant and office space. As there is space in Durland/Rathbone/Fiedler that is categorized as physical plant space and assigned to this Vice President, the deficit of physical plant space category is, in part, realized here. The office space deficit is specific to the Office of the Vice President.
- The Vice President, Student Life includes student recreation and student union space. There is a deficit of student recreation space at the base year, which is satisfied at the target year as the result of a planned project (Chester E. Peters Recreation Center). The student union space is in deficit at the base and target years. Additional other administrative department space is needed for meeting rooms and staff gathering space such as lounges.

ANALYSIS COMPONENTS

A quality space needs analysis is based on several components: data elements, input from the campus, and the consultant's knowledge of space guidelines appropriate for the University. The space needs analysis for K-State used these metrics to determine the types and amounts of space needed for the current and projected student enrollments. The space needs analysis is quantitative. Realization of the qualitative aspects of the existing space will occur during the physical planning component of the campus master plan.

Listening Sessions

Paulien & Associates met with representatives of all academic and administrative groups on campus. The focus of each meeting was to help Paulien & Associates understand the existing space constraints, the goals each group held for itself and the campus-at-large, and discuss any specific issues that might be considered during the space needs analysis. The agenda of each meeting focused on verifying existing data to the extent possible provided by K-State, inquiring of new programs or changes to teaching methods, perceptions of the campus specific to programs and the campus-at-large, and unique aspects of the programs.

This empirical information was used by Paulien & Associates to guide decisions applicable to the space needs analysis.

Data

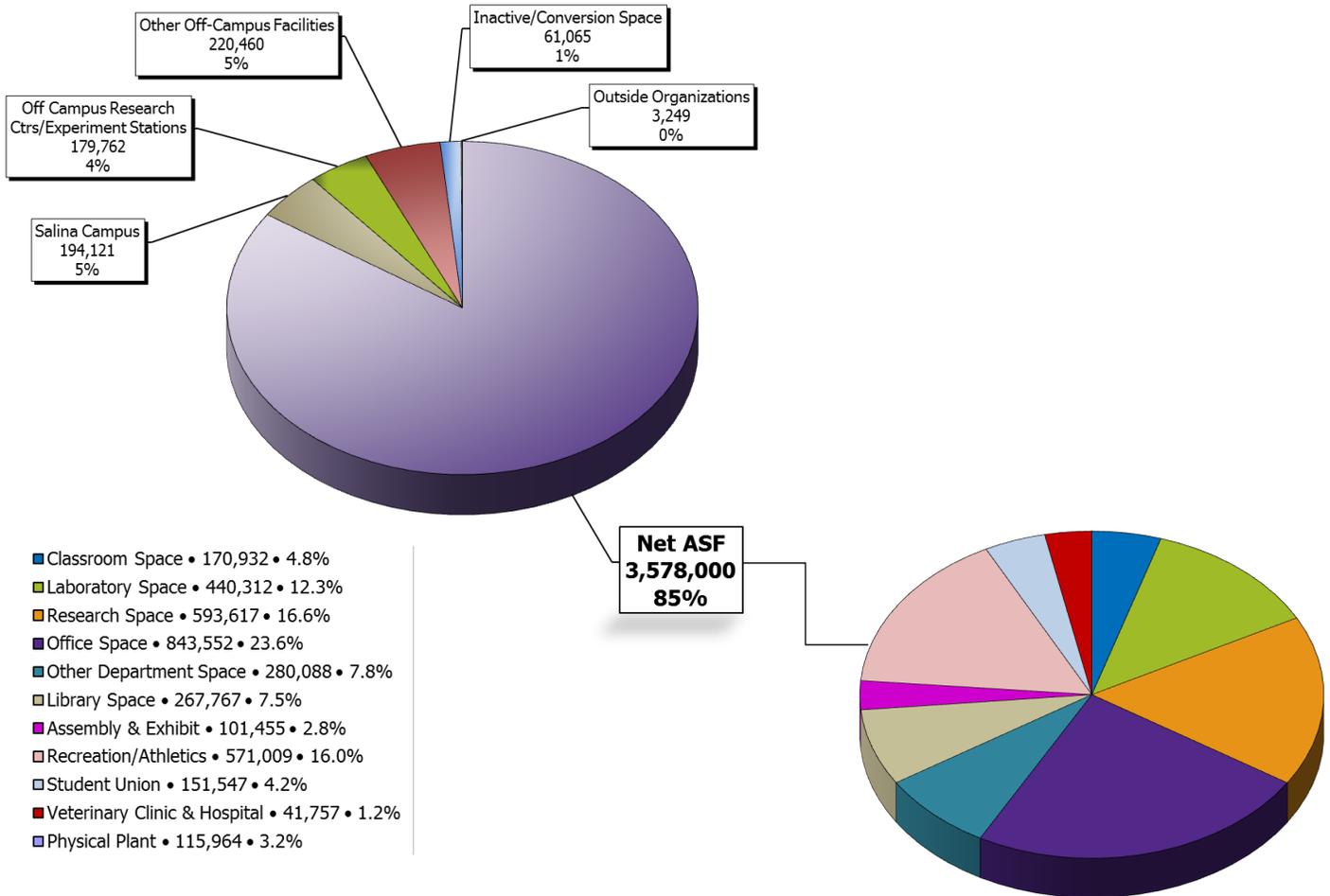
K-State provided Paulien & Associates with the components used as the main data set: facilities, course, and staffing data from fall 2011. The facilities inventory included the building, square feet, room use, and department for each room in K-State owned facilities as well as leased facilities for the Division of Continuing Education (College Court). Student Health Services is also leased space, but was not a component of this study. The course data contained the course number, a description, student enrollment, course capacity, start and stop times, start and end dates, and meeting locations. The staffing data was provided by employee type (e.g., classified and unclassified), departmental code, and number of employees. This data provided a snapshot of the activities for the fall 2011 term, which was the base year of this study. Staffing information can be found in the appendix of this document within the section on office guidelines.

Paulien & Associates also reviewed other information in addition to the main data set. K-State transmitted information as to capital projects that would impact the space needs analysis. Projects included are those either under construction or funded (e.g., Memorial Stadium Welcome Center). Documentation composed by various campus groups was also reviewed (e.g., the College of Architecture and Planning's presentations as to Seaton Hall). These materials were considered to help Paulien & Associates understand the vision behind proposed projects. The information was not used to determine the appropriate guidelines. Information as to the existing library collections, research expenditures for the most recent fiscal year, projected student enrollments, and the University's strategic plan, *K-State 2025: A Visionary Plan for Kansas State University* were all considered in the development of the space needs analysis.

2 ANALYSIS COMPONENTS

Existing Space Allocation

The following charts show the existing space distribution of the facilities at K-State. The chart on the left is the total ASF provided to the consultants in the K-State facilities inventory. The facilities inventory data was parsed between the various K-State sites with the majority of facilities located on the Manhattan Campus. The chart at right is the Manhattan Campus only and shows the type and amount of space as of fall 2011.



2 ANALYSIS COMPONENTS

Planned Projects

K-State identified planned projects. Planned projects are currently under construction or funded projects. These projects were included as existing space at the projected student enrollment. Including these projects impacts the amount of space needed on campus. The space needs analysis summary tables have a column “Planned Projects” that show how the projects impact the space need. Information on the table was reviewed by K-State.

The following table shows the projects and the total amount of space for each. The type of space (e.g., teaching laboratories) for each project was provided by K-State and the consultants allocated this level of detail to the analysis.

Planned Projects

Project	Project Total ASF	Project Total GSF
Funded or Under Construction		
Bill Snyder Family Stadium/Football Complex	9,700	78,815
Bill Snyder Family Stadium/Football Complex Phase II	199,340	212,000
Bramlage Coliseum	47,635	59,544
Agronomy Education Center	6,000	8,700
Memorial Stadium Welcome Center	29,860	34,700
Purple Masque Theatre in West Stadium	28,400	34,700
Equine Education Center	59,500	64,000
Justin Hall - Human Ecology	10,922	16,376
Chester E. Peters Rec Center	88,400	88,400
Engineering Complex Phase IV	51,500	80,000
Grain Science Center Feed Mill	10,647	19,044
Sheep and Meat Goat Unit	20,305	58,294
TOTAL	562,209	754,573

ASF = Assignable Square Feet; GSF = Gross Square Feet

Space Guidelines

Classrooms & Service

Classrooms are defined as any room generally used for scheduled instruction requiring no special equipment and referred to as a “general purpose” classroom, seminar room, or lecture hall. Classroom service space directly supports one or more classrooms as an extension of the classroom activities, providing media space, preparation areas, or storage. The classroom station size is considered as including the classroom service area space. However, additional service space can be justified on a program or classroom basis.

Prior to 2000, many guidelines for classroom space were developed at a time when tablet armchair classrooms were the predominant seating preference. These guidelines called for approximately 15 ASF per student station which is significantly lower than what today’s active instructional environments require.

Paulien & Associates finds that increasing numbers of faculty employ group learning techniques within the classroom. The contemporary classroom requires flexibility and consideration of factors such as imbedded technology and a front of room depth to provide appropriate view angles from student seats, multiple fronts of room to support student group work, adequate circulation within the space, and ergonomic aspects such as larger chairs and increased space between seats. The flexibility needs increases the amount of space required in a classroom.

State universities have a mix of classroom types related to the various disciplines offered and the student body. Undergraduate lower division courses may be held in large auditoria whereas upper division and graduate courses occur in smaller classrooms or seminar rooms. K-State has a typical mix of classrooms. There are 176 classrooms at the main campus of which there are 41 rooms that hold 51 or more students. The majority of classrooms (102 rooms) hold between 26 and 50. And there are 33 classrooms with a capacity of 25 or less students. Master plan guidelines for the ASF per student vary depending on the mix of classrooms on campus and the goals of the institution. Campuses, for example, with larger classrooms that have a goal of decreasing class size will require additional smaller classrooms and therefore a larger ASF per station would be applied during space planning. Determining the amount of classroom space for the master plan is therefore based on a guideline relative to current pedagogies that is appropriate for the majority of classroom spaces already on campus.

A guideline of 22 ASF per station is recommended, which supports a contemporary classroom model with features as noted in the previous paragraph. The guideline is an average to account for a mix of instructional environments that include auditoria, classrooms, and seminar spaces each of which would have the various factors previously noted.

Classroom space requirements are determined by a formula that takes the target utilization of 32 hours per week, multiplies it by the target student station occupancy of 65% and divides the result into the 22 square feet per student station. This calculation produces a guideline of 1.06 ASF per weekly student contact hour (WSCH) for lecture courses. Assignable square feet per weekly student contact hour (ASF/WSCH) is calculated as follows: As further explanation, the total number of weekly contact hours for a lecture course section is obtained by multiplying the enrollment of the course section by the number of meeting hours in one week. For example a history course with 55 students enrolled which meets three (3) times a week for one hour produces 165 weekly student contact hours (WSCH). Multiplying the 165 weekly student contact hours by the classroom guideline of 1.06 generates 173.25 ASF of classroom space.

Teaching Laboratories & Service

Teaching laboratories are defined as rooms used primarily by regularly scheduled classes that require special purpose equipment to serve the needs of particular disciplines for group instruction, participation, observation, experimentation, or practice. Station sizes in teaching laboratories vary by discipline. Space requirements are calculated with a formula that is similar to those used to determine classroom space requirements, except that the ASF per student station and weekly room hour expectation varies by discipline.

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

Utilization goals range between 12 and 24 weekly room hours depending on the discipline, and are typical of an institution with this mix of programs. The 80% student station occupancy metric acknowledges that teaching laboratory sections require substantial investment related to the construction cost and equipment and, therefore, the expectation is that more seats should be filled on average.

The teaching laboratory space per student station guideline is based on approximately 50 different subject areas. Based on the consultant’s experience, both at the master plan level and at a program plan level, guidelines were selected for the disciplines shown in the table to the left. The space guidelines for teaching laboratories consider the types and amounts of space required given the unique activities of the discipline.

As an example, the guideline of 60 ASF per station for Bio-Engineering supports a contemporary science laboratory model. Science facilities being constructed have a higher ASF per station than those of fifty years ago. Previously, science laboratories were configured to be static, face-forward environments of island benches. The laboratory now must support the flexibility required by collaborative learning models. The allocation of 60 ASF per station provides space in a Biology laboratory for the student work station, equipment areas around the room, casework for storage, and the instructional area or areas with screens or LCD displays, room controls, and teaching laboratory support.

Instructional Laboratory Space Factors

Discipline	ASF per Station*	Weekly Room Hour	Student Station Occupancy
Agricultural Engineering	188	18	80%
Agriculture	80	12	80%
Agriculture Economics	39	20	80%
Agronomy	69	20	80%
Animal Sciences	90	20	80%
Anthropology	78	20	80%
Architecture	100	12	80%
Art	80	20	80%
Biological Sciences	68	18	80%
Business & Management	48	20	80%
Chemistry	85	18	80%
Civil Engineering	188	18	80%
Communications	60	20	80%
Computer & Information Science	48	20	80%
Dance/Theatre	120	20	80%
Economics	39	20	80%
Education	60	24	80%
Food Science & Technology	68	20	80%
Geography	48	20	80%
Geology	52	20	80%
Health Professions	104	20	80%
Horticulture	68	20	80%
Industrial & Management Engineering	156	20	80%
Mathematics	39	20	80%
Mechanical Engineering	160	18	80%
Music	40	20	80%
Physics	88	18	80%
Political Science	40	20	80%
Psychology	60	20	80%
Textile Engineering	90	18	80%
Veterinary Medicine	117	12	80%

ASF = Assignable Square Feet

* ASF per station includes a factor for support/service space

2 ANALYSIS COMPONENTS

Open Laboratories & Service

The space classified as Open Laboratories includes rooms that are open for student use and that are not used on a regularly scheduled basis. These rooms may provide equipment to serve the needs of particular disciplines for group instruction in informally or irregularly scheduled classes. Alternatively, these rooms are used for individual student experimentation, observation, or practice in a particular field of study.

The size of these laboratories is based on equipment size, the station size, and student count desired, and therefore should be determined on an individual basis. Types of rooms included in this category include computer laboratories, language laboratories, independent art studios, music practice rooms, and tutorial and testing facilities.

Open laboratory space is determined as an ASF per student headcount. A guideline of 13 ASF per student headcount was applied at K-State.

Research Laboratories & Service

Research laboratories are rooms used for unscheduled laboratory experimentation or training in research methods and observation. The research may be conducted by either faculty or students for both funded and non-funded research. This room type does not have utilization expectations.

The computation of research space needs is a complex issue. There are different approaches that are used at the master planning level by Paulien & Associates: a space factor per \$100,000 in research expenditures; a space factor per research team; or a space factor per tenured/tenure-track faculty.

Paulien & Associates determined the research space needs for K-State based on research expenditures. The University provided the most recent fiscal year's research expenditures. The amount of research space is determined in accordance with metrics Paulien & Associates finds appropriate for the disciplines shown on the table, Research Performance Indicators.

Research Performance Indicators

College/Unit	Total Expenditures	ASF per \$100,000	Guideline Allocation
College of Agriculture	\$21,174,277	1,000	
College of Architecture, Planning and Design	\$16,484	600	1,000 - 2,000
College of Arts & Sciences	\$19,095,715		
<i>CAS • Fine and Performing Arts</i>	\$0	n/a	360 - 480
<i>CAS • Sciences</i>	\$18,838,553	350 - 1,000	
<i>CAS • Social Sciences</i>	\$257,162	350	2,000 - 3,000
College of Business Administration	\$297,921	50	1,000 - 2,000
College of Education	\$0	n/a	1,000 - 2,000
College of Engineering	\$16,460,757	50 - 900	
College of Human Ecology	\$17,535,664	150	
College of Veterinary Medicine	\$13,073,307	1,000	
Vice President for Research	\$6,907,073	350 - 450	
TOTAL	\$94,561,198		

ASF = Assignable Square Feet

Research space was split between the Core Academic Space and Other based on metrics discussed with K-State. Research guidelines were applied to all units with existing research space as well as for those the study determined should have research space (e.g., the College of Education). The table, *Space Needs Analysis / Research*, shows the existing ASF, space guidelines, and allocation between Research in the Core and Research Outside the Core.

2 ANALYSIS COMPONENTS

Space Needs Analysis | Research

College/Unit	2011 Student Headcount = 20,837 Staffing FTE = 4,744			Target Year Student Headcount = 22,919 Staffing FTE = 5,127			
	Existing ASF	Guideline ASF	Surplus / (Deficit)	Planned Projects	Existing ASF	Guideline ASF	Surplus / (Deficit)
Research in the Core	350,281	333,959	16,322	9,750	360,031	580,690	(230,409)
CAS • Fine and Performing Arts	513	360	153	0	513	480	33
CAS • Sciences (70%)	191,325	135,173	56,152	0	191,325	282,218	(90,893)
CAS • Social Sciences	2,826	3,122	(296)	0	2,826	5,193	(2,367)
College of Agriculture (25%)	48,068	52,936	(4,868)	0	48,068	111,324	(63,256)
College of Architecture, Planning and Design	906	1,000	(94)	0	906	2,000	(1,094)
College of Business Administration	712	1,000	(288)	0	712	2,000	(1,288)
College of Education	0	1,000	(1,000)	0	0	2,000	(2,000)
College of Engineering (50% target year)	87,140	111,830	(24,690)	9,750	96,890	117,590	(30,450)
College of Human Ecology	18,009	26,304	(8,295)	0	18,009	55,316	(37,307)
Vice President for Research (5%)	782	1,234	(452)	0	782	2,570	(1,788)
Research Outside the Core	243,336	370,914	(127,578)	18,300	261,636	896,281	(652,945)
CAS • Sciences (30%)	3,669	57,931	(54,262)	0	3,669	120,950	(117,281)
College of Agriculture (75%)	165,655	158,808	6,847	18,300	183,955	333,971	(168,316)
College of Engineering (50% target year)	0	0	0	0	0	117,590	(117,590)
College of Human Ecology	926	0	926	0	926	0	926
College of Veterinary Medicine	51,573	130,734	(79,161)	0	51,573	274,931	(223,358)
Vice President for Research (95%)	21,513	23,441	(1,928)	0	21,513	48,839	(27,326)
CAMPUS TOTAL	593,617	704,873	(111,256)	28,050	621,667	1,476,971	(883,354)

ASF = Assignable Square Feet

Academic and Administrative Offices & Service

The guideline application for office space needs is based upon employee types and the additional application of space amounts for office service and conference space needs. Office space includes private offices and workstations. Office service space includes work rooms (i.e., printer areas, copy machines, office supplies) and office storage (i.e., file rooms). The space allocated for conference rooms is not to suggest that all conference rooms be departmentally controlled. Typically, some conference room space is located near department offices and other space is available generally in the building as a campuswide resource.

K-State provided a staffing files that listed the type of employee such as part-time classified, full-time classified, part-time unclassified, full-time classified, faculty, part-time faculty, and graduate students. Headcount was provided for all positions and FTE for some positions such as classified positions. As the headcount was consistently provided, this number was used as the metric for space planning.

The space guideline accounts for positions such as custodial staff that do not require office space and music faculty that require larger studio offices.

The space guideline also generates space for conference rooms and office support areas such as printer/copier work rooms.

Library

Spaces such as stack areas, study space, staff offices, and processing or technical areas are considered library.

The necessity of the library space in today's educational settings is often brought up during spatial studies. As consultants, we often hear that on-line resources can be accessed from anywhere, negating the need for bricks and mortar. The concern in such thinking is that while students and faculty are increasing their use of electronic media, there is an even greater need for support of the academic community through space in which to gather and the continuation of librarians as the purveyors and facilitators of information. The contemporary library is best defined as a blend of the traditions of the past – structure and service – integrated with digital media.

2 ANALYSIS COMPONENTS

The guidelines for library space use one set of factors for collections, another for readers, and a third for service space. The following text describes each type of space within a library and the aspects of a contemporary library that are considered to determine appropriate guidelines.

Study space includes reader stations for undergraduate and graduate students. A guideline of 15% of the on-campus undergraduate student headcount and 5% of the on-campus graduate student headcount was used to determine the number of study stations. Historically, the metric also provided for reader stations dedicated to faculty. However, on most campuses, the consultant finds that faculty prefers to work in their offices rather than dedicated faculty reader stations in the library.

Study stations are an important component as this space is increasingly in support of instructional space. Various types of study stations are needed throughout campus: individual focused; individual relaxed; and interactive or group. Examples of the various environments include carrels; counter height seating along windows; lounge furnishings for casual interaction and relaxed study; tables for group meetings with access to overhead projectors, plasma screens, and white boards to support the students' work; and benches or chairs within instructional areas.

The factor for collections, which is a significant contributor to the space needed in a library, is based on the storage needs. One set of factors can be applied for traditional browsing stacks, another for compact storage, and a third for high-density book depositories. The traditional browsing stacks require more space than the other models. While this model accounts for efficiencies gained with very large collections, the amount of space will always be greater as the stacks are separated by circulation space. The traditional browsing model was applied at K-State, as the campus did not express other intentions for housing its collection.

The library service space guideline includes technical services as well as office space for library staff. The space for cafes or food operations is generated as library service space. A metric of 12.5% of the total collection and study space is used. The following tables show the outcomes of the space needs analysis for each of the libraries at K-State.

Library Space Needs Analysis - Base Year

Library	Base Year						
	Volume Equivalents	Collection Space Needs	Study Space Needs	Service Space Needs	Existing ASF	Total Base Year Guideline	Surplus / (Deficit)
Architecture, Planning and Design	43,752	4,332	3,240	946	5,682	8,518	(2,836)
Arts and Sciences	22,768	2,277	1,350	181	1,889	3,808	(1,919)
Engineering	978	98	2,700	140	854	2,938	(2,084)
Veterinary Medicine	32,032	3,203	6,840	1,255	9,859	11,299	(1,440)
Main Library	1,953,128	147,219	93,780	30,125	249,483	271,124	(21,641)

ASF = Assignable Square Feet

Library Space Needs Analysis - Target Year

Library	Target Year						
	Volume Equivalents	Collection Space Needs	Study Space Needs	Service Space Needs	Existing ASF	Total Target Year Guideline	Surplus / (Deficit)
Architecture, Planning and Design	43,752	4,375	3,510	986	5,682	8,871	(3,189)
Arts and Sciences	22,987	2,299	1,500	190	1,889	3,989	(2,100)
Engineering	986	99	3,000	155	854	3,254	(2,400)
Veterinary Medicine	32,307	3,231	8,760	1,499	9,869	13,490	(3,621)
Main Library	1,973,042	148,613	104,910	31,690	249,483	285,213	(35,730)

ASF = Assignable Square Feet

2 ANALYSIS COMPONENTS

Other Academic and Administrative Department Space

The space classified as Other Academic and Administrative Department Space includes all other space assigned to a department that has not been included in the other space classifications. The analysis differentiates between Other Academic Department Space and Other Administrative Department Space. The distinction results from whether the space is in support of or assigned to an academic or administrative department.

These areas consist of a variety of spaces including: study rooms; food facilities; meeting rooms; locker rooms (non-athletic); media production; clinic space; demonstration rooms; animal quarters; greenhouses; learning center space; lounges; and central technology spaces. Due to the diversity of these spaces and the different ways various campuses might classify these spaces, the guideline is based on the types and amounts of space typical for an institution of the given enrollment.

Other Academic Space at KSU includes: the Agricultural Research Center, the Center for Advancement Teaching, the Institute for Environmental Research, the Instructional Technology Center, Military Science, the National Agriculture Biosecurity Center, the School of Leadership Studies, Student Publications, and the Vet Med Teaching Hospital.

Other Administrative Space includes: the Beach Museum of Art, Computing Network Services, the Police Department, the University Attorney and University Counseling Services.

A guideline of 16 ASF per student FTE was applied for Other Academic Department space and a guideline of 2 ASF per student FTE was applied for Other Administrative Department space.

Assembly & Exhibit

Assembly & Exhibit space is defined as any room with an academic focus designed and equipped for the assembly of large numbers of people. This includes theaters, auditoriums, concert halls, and arenas. Exhibit spaces are used for exhibition of materials, works of art, or artifacts intended for general use primarily in support of academic endeavors although such space may be used for events open to the community outside the campus.

The existing Assembly & Exhibit space includes the Beach Museum of Art, The McCain Auditorium, and the Agricultural Research Center.

The guideline has a core allowance of 22,450 ASF for institutions with a minimum of 5,000 student FTE and an active fine arts program. It then allows for an additional six (6) ASF per student FTE over the 5,000 FTE minimum. This guideline also adds 5,000 ASF for institutions with an active music program.

Veterinary Clinic & Hospital

Veterinary Clinics and Hospitals are considered care facilities for animals and provide rooms for surgery, surgery services, treatment/examination spaces and service, diagnostic laboratories, central supplies, and the equivalent of nursing stations.

Guidelines for veterinary spaces are usually institution specific, based on identified activities at the campus. The guideline established for K-State was 41,757 ASF for fall 2011, which matches the existing space inventory, and 54,000 ASF for the planning horizon.

Athletics

This category includes spaces that relate to special facilities such as athletic or physical education and associated seating and service. Assembly and exhibit spaces related to coliseums and athletic grounds can also be included. Guidelines for Athletic space are based on various metrics, but in the case of K-State, current and future campus improvements defined the guideline. The planned projects including the renovations to the Bill Snyder Family stadium were all taken into account and defined the guideline.

Student Recreation & Kinesiology

This category includes spaces for recreation and related support areas. Examples of this space type include gymnasias, locker rooms, racquetball or handball courts, indoor tennis courts, climbing walls, fitness equipment areas, and dance studios for activities such as Pilates or yoga. The Peters Recreation Complex is the majority of the existing ASF in this space category.

The guideline is based on the student population with an allocation for faculty and staff. The space guideline for K-State is 25% of the student population and 15% of faculty and staff are allocated 12.1 ASF.

Student Union

Student centers are comprised of various types of space. The primary purpose of these spaces is to support student activities. Examples of the various functions and the space use code designations that are typically found in a comprehensive student center include: food service (630s), bookstore (660s), lounge (650s), recreation space like video game rooms, billiards, etc. (670s), meeting space (680s), and student government/club space (300s and 680s).

The guideline is nine (9) ASF per student FTE, which is a guideline used for institutions of K-State's enrollment level and population mix. The campus has a need for additional retail dining and seating, general retail (e.g., expansion of the C-Store), more space for student life programming, student group offices and work spaces, and meeting rooms.

Physical Plant

Physical Plant space typically includes room use codes 710 through 760 but can also include research/non-class laboratory service, media production space, and lounge space assigned to physical plant. If central storage space (730's) is not assigned to and controlled by physical plant operations, it is counted in other space categories such as other academic or administrative department space, library, athletics, or residence life.

A guideline of five (5%) percent of all square footage on campus, minus existing physical plant, was used to drive master plan needs in this category.

CLASSROOM & TEACHING LABORATORY UTILIZATION

How is Utilization Determined

The utilization of classrooms and teaching laboratories was examined using K-State's fall 2011 course and facilities data. Understanding how classrooms and teaching laboratories are scheduled and utilized provides the foundation for and assists in the formulation of the guideline application for these two space categories. The number of student stations for each classroom was first provided in the facilities inventory. Supplemental data provided by K-State as well as field verification provided additional input. Student station occupancy percentages were also calculated based on the teaching laboratory station counts provided.

The utilization analysis includes scheduled classroom use by day and time of day, as well as classroom and teaching laboratory utilization analyzing average weekly room hour use and student station occupancy percentage. This information is used to guide the space needs analysis component in the overall master planning process.

The utilization of a room is determined by calculating the average enrollment of the courses taught in a room along with total weekly student contact hours, weekly room hours, and student station occupancy percentage. Weekly student contact hours are calculated by multiplying the enrollment of a course by the weekly contact, or room hours, during which the course is held. Weekly room/contact hours are determined by calculating the number of hours a course meets (start and end times) and multiplying the result by the number of days the course meets each week. Both of these factors are totaled on a room-by-room basis. If a course does not meet for a full term, the number of hours for a room is prorated by the number of weeks in a semester.

WEEKLY ROOM/CONTACT HOURS (WRH OR WCH) = No. of Days X ((End Time - Start Time)/60)

WEEKLY STUDENT CONTACT HOURS (WSCH) = Students X Weekly Room/Contact Hours

WEEKLY STUDENT CONTACT HOUR CAPACITY = Student Stations X Weekly Room/Contact Hours

STUDENT STATION OCCUPANCY % = WSCH / WSCH Capacity

HOURS PER SEAT = WSCH / No. of Student Stations

The student station occupancy for a room is determined by dividing the room's weekly student contact hours by the room's weekly student contact hour capacity (a course's weekly contact hours times the room's number of student stations).

Which Classrooms are Included

For this analysis, only those classrooms that are centrally scheduled classrooms or departmental classrooms with scheduled use are included. The facilities inventory indicated that there were 176 classrooms at the main campus.

Scheduled Classroom Use by Day and Time

For fall 2011, Monday through Friday, from 8:30 AM until 2:29 PM over 50% of all rooms are scheduled as an average. The most scheduled times are between 9:30 AM and 12:29 PM, Monday through Thursday. Although Fridays typically exhibit lower rates of scheduled use, beginning at 9:30 AM, the classrooms show utilization of over 70%, tapering off to 46% at 2:30 PM. A minimum of 9 classrooms are in use all day until 8:05 PM. There is no scheduled use on Saturdays and Sundays.

3 CLASSROOM & TEACHING LABORATORY UTILIZATION

It is worth noting that when an institution consistently reaches and exceeds the 80% level of classrooms in use, the more difficult it becomes to find available classrooms in the right geographical locations with the right classroom capacities. Between the hours of 9:30 AM and 11:30 AM, the average utilization exceeded this mark. The following table and graphs illustrate the classroom use at the main campus by most popular start times each day of the week. The average percent of classrooms in use is based on Monday through Friday.

Of the 176 classrooms on the main campus, 125 are under the purview of Administration and Finance. In some instances, the consultants find significantly higher utilization for classrooms not assigned to a specific college, but this is not the case at K-State. Average student station occupancy for the whole campus is 65%; for Administration and Finance, 64%.

Scheduled Classroom Use by Day and Time (Fall 2011)

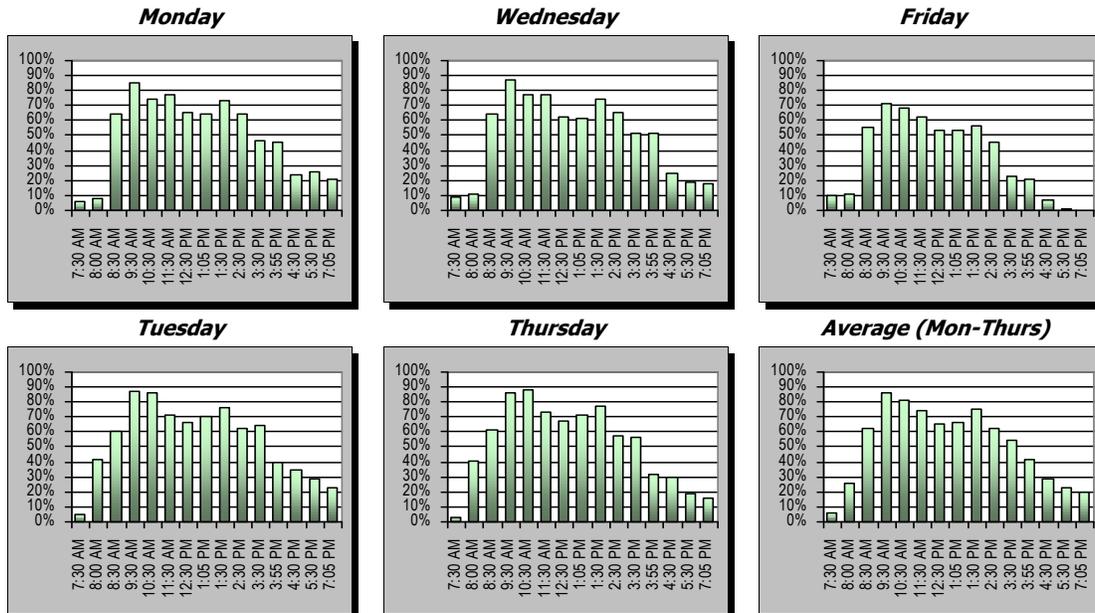
(Darker colors indicate a large percentage of rooms are scheduled.)

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average*	
	Rooms in Use	% In Use										
7:30 AM	11	6%	8	5%	16	9%	6	3%	18	10%	10	6%
8:00 AM	14	8%	74	42%	20	11%	72	41%	20	11%	45	26%
8:30 AM	112	64%	106	60%	112	64%	107	61%	97	55%	109	62%
9:30 AM	149	85%	153	87%	153	87%	152	86%	125	71%	152	86%
10:30 AM	131	74%	151	86%	136	77%	155	88%	120	68%	143	81%
11:30 AM	135	77%	125	71%	135	77%	128	73%	109	62%	131	74%
12:30 PM	114	65%	116	66%	109	62%	118	67%	93	53%	114	65%
1:05 PM	112	64%	123	70%	107	61%	125	71%	93	53%	117	66%
1:30 PM	128	73%	134	76%	130	74%	135	77%	99	56%	132	75%
2:30 PM	113	64%	109	62%	115	65%	100	57%	81	46%	109	62%
3:30 PM	83	47%	112	64%	90	51%	98	56%	40	23%	96	54%
3:55 PM	81	46%	71	40%	89	51%	57	32%	37	21%	75	42%
4:30 PM	42	24%	62	35%	44	25%	53	30%	12	7%	50	29%
5:30 PM	46	26%	51	29%	33	19%	34	19%	2	1%	41	23%
7:05 PM	37	21%	41	23%	32	18%	29	16%	0	0%	35	20%

Total classrooms = 176

* Based upon the consultant's experience, Friday is typically underutilized, therefore the average is calculated on Monday thru Thursday use.

Percent of Classrooms In Use



3 CLASSROOM & TEACHING LABORATORY UTILIZATION

Classroom Utilization Analysis by College

Overall, the 176 classrooms at the main campus are scheduled an average of 29 hours per week at 65% student station occupancy. Six of the colleges exceed these utilization values. The College of Arts and Sciences, Humanities has an average of 35 weekly room hours and a student station occupancy of 71%. The College of Architecture, Planning and Design has the highest values at 36 weekly room hours and 87% student station occupancy. The College of Engineering has a relatively low weekly room hour average at 22, but a high student station occupancy at 73%. The College of Human Ecology also has a student station occupancy of 73%; the weekly room hours are 27.

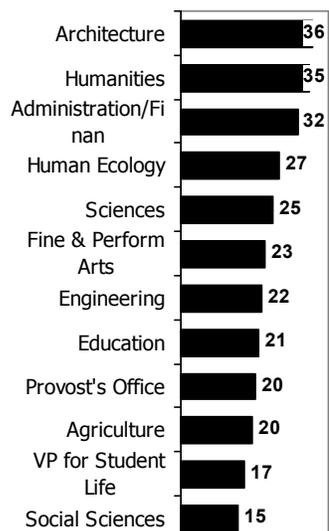
Because so many of the classrooms are attributed to Administration and Finance, the statistics are fairly close to the averages at 32 weekly room hours and a student station occupancy of 64%. Student Life has a single room which has a low weekly room hour usage of 17, but a very high student station occupancy of 127%. The facility data shows that the single room - UN 101 – has a station count of 79, but the average enrollment is 104.

The chart below shows the classroom utilization by College at the main campus.

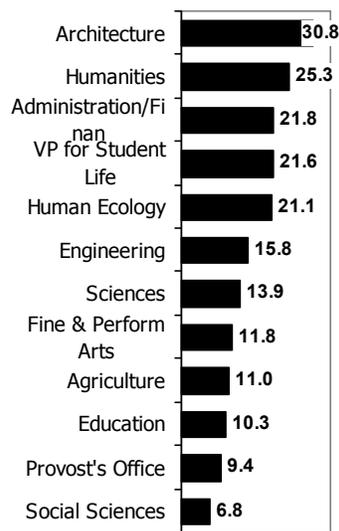
Classroom Utilization Analysis by College / Unit Summary

College / Unit	No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
CAS • Fine and Performing Arts	3	846	28	13	11.8	23	48%
CAS • Humanities	7	614	24	18	25.3	35	71%
CAS • Sciences	3	614	19	16	13.9	25	56%
CAS • Social Sciences	2	602	32	10	6.8	15	61%
College of Agriculture	11	1,020	25	24	11.0	20	56%
College of Architecture, Planning and Design	1	554	55	9	30.8	36	87%
College of Education	2	451	23	10	10.3	21	49%
College of Engineering	10	983	21	33	15.8	22	73%
College of Human Ecology	6	848	27	29	21.1	27	73%
Provost and Senior VP	5	1,227	23	44	9.4	20	65%
VP Administration and Finance	125	931	17	40	21.8	32	64%
VP Student Life	1	2,397	30	104	21.6	17	127%
<i>Total No. of Rooms = 176</i>	AVERAGE	922	19	36	20.3	29	65%

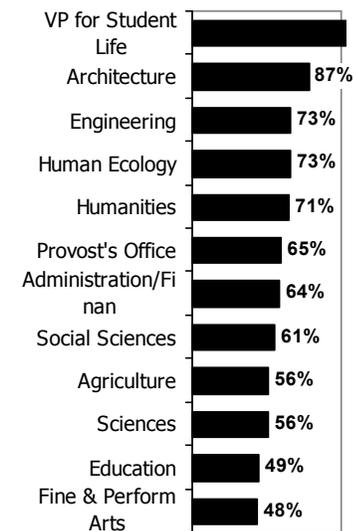
Weekly Room Hours:



Weekly Seat Hours:



Student Station Occupancy:



3 CLASSROOM & TEACHING LABORATORY UTILIZATION

Classroom Utilization Analysis by Capacity

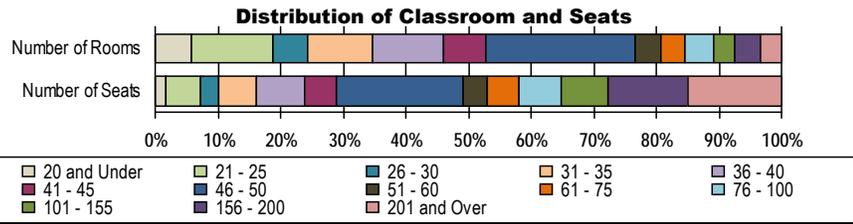
The 176 classrooms average 29 weekly room hours.

The ten classrooms with capacities of 20 and under stations have the student station occupancy at 96%, followed by the six rooms with a capacity of 101 to 155, averaging 89% student station occupancy. These are well above the average of 65%. The lowest student station occupancy percentage at 49%, is for the rooms in the 41-45 and 51-60 groupings.

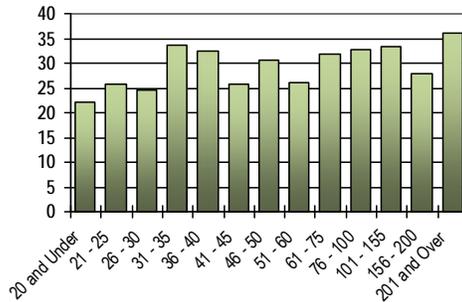
Usual trends show that smaller capacity classrooms are not scheduled as much as the larger classrooms, so as the capacity of the classrooms increases, so do the weekly room hours. Conversely, smaller classrooms tend to have a greater student station occupancy ratio while the larger rooms have a lower student station occupancy ratio with many as low as 25% to 33%.

Classroom Utilization Analysis by Capacity Summary

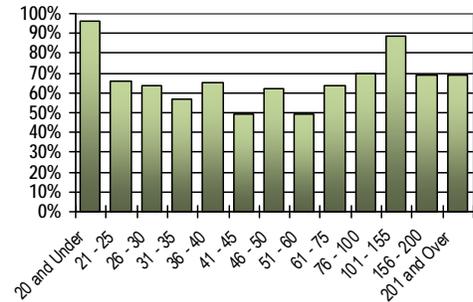
Classroom Capacity Grouping	No. of Rooms	No. of Seats	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
20 and Under	10	159	446	32	14	17.1	22	96%
21 - 25	23	549	601	25	16	16.9	26	66%
26 - 30	10	290	533	18	17	15.5	24	64%
31 - 35	18	607	549	16	19	19.3	34	57%
36 - 40	20	763	721	19	24	21.1	33	65%
41 - 45	12	517	738	17	21	12.8	26	49%
46 - 50	42	1,996	871	18	28	19.0	31	62%
51 - 60	7	395	940	17	29	12.7	26	49%
61 - 75	7	484	1,148	17	43	20.2	32	64%
76 - 100	8	672	1,453	17	61	22.9	33	70%
101 - 155	6	745	1,868	15	105	28.3	33	89%
156 - 200	7	1,272	2,315	13	116	19.0	28	69%
201 and Over	6	1,490	2,557	10	167	25.1	36	69%
<i>Total No. of Rooms = 176</i>	AVERAGE		922	19	36	20.3	29	65%



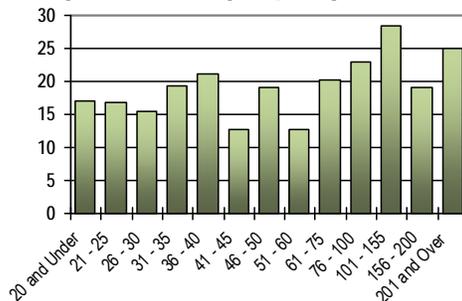
Weekly Room Hours by Capacity:



Student Station Occupancy by Capacity:



Weekly Seat Hours by Capacity:



3 CLASSROOM & TEACHING LABORATORY UTILIZATION

Classroom Utilization Analysis by Building

Assessing classroom utilization by building shows that ten buildings of the 37 on the main campus house only one classroom. The remaining buildings house more than one with Eisenhower having the most rooms at 18. The 37 buildings listed in the following graph have average weekly room hours of 29 and student station occupancy rate of 65%. The highest weekly room hour average is in the English/Counseling Services building at 50, and the second highest average is in Calvin Hall at 42.

The K-State Union has a single room with the highest student station occupancy rate of 127%; the average enrollment exceeds the station count. Dickens Hall, Kedzie Hall, and Seaton Hall have student station occupancy rates above 80%. These are exceptionally high rates for classrooms.

Classroom Utilization Analysis by Building Summary

Building Name and Id	No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Ackert Hall (Chalmers Addition) <i>AK</i>	3	1,343	12	66	23.0	34	59%
Bluemont Hall <i>BH</i>	14	659	16	28	19.4	28	55%
Burt Hall <i>BT</i>	1	880	12	38	13.9	27	51%
Call Hall <i>CL</i>	4	1,012	23	26	10.7	18	60%
Calvin Hall <i>C</i>	9	929	20	35	31.9	42	76%
Campus Creek Complex <i>CCC</i>	1	645	17	22	19.8	32	62%
Cardwell <i>CW</i>	13	1,151	17	57	23.6	33	62%
Chem-BioChem Building. <i>CBC</i>	1	830	23	9	2.8	12	24%
Derby Food Center <i>DF</i>	1	1,794	37	36	24.1	31	78%
Dickens Hall <i>D</i>	4	840	24	28	33.6	38	82%
Durland/Rathbone/Fiedler Hall <i>DU</i>	13	1,032	18	39	18.2	26	62%
East Stadium <i>ES</i>	3	444	16	22	22.8	30	77%
Eisenhower <i>EH</i>	18	587	19	21	24.2	38	64%
English/Counseling Services <i>ECS</i>	1	1,047	31	24	35.6	50	71%
Fairchild Hall <i>F</i>	3	547	16	16	10.8	25	44%
General Richard B. Myers Military Science Hall <i>MS</i>	3	705	15	24	12.8	25	51%
Gymnasium <i>GY</i>	2	404	12	20	14.3	25	57%
Justin Hall <i>JU</i>	9	951	22	40	22.7	28	67%
Kedzie Hall <i>K</i>	5	1,114	15	63	30.3	33	80%
King Hall <i>KG</i>	2	1,064	18	34	16.4	33	47%
Kramer Food Center <i>KF</i>	1	1,513	24	42	18.2	27	67%
K-State Union <i>UN</i>	1	2,397	30	104	21.6	17	127%
Leadership Studies & Programs Building <i>LSP</i>	6	1,139	24	39	9.7	21	62%
Leasure Hall <i>LS</i>	4	1,084	22	27	19.5	30	56%
McCain Auditorium <i>M</i>	4	701	25	15	11.0	19	52%
Natatorium <i>NA</i>	1	755	16	17	10.3	28	37%
Seaton Court <i>SC</i>	3	554	29	16	11.1	23	71%
Seaton Hall <i>S</i>	13	795	18	35	21.1	27	82%
Shellenberger <i>SH</i>	2	1,235	24	19	7.4	20	38%
Thompson Hall <i>T</i>	2	1,037	15	52	26.3	35	70%
Throckmorton Hall <i>TH</i>	6	1,012	21	37	15.8	23	58%
VM - Trotter Hall <i>VMT</i>	2	2,790	15	100	6.8	12	57%
Ward Hall <i>WD</i>	1	943	19	9	2.6	14	18%
Waters Hall <i>WA</i>	8	962	19	41	21.0	33	61%
Waters Hall Annex <i>WAX</i>	1	968	23	15	6.4	20	32%
Weber Hall <i>WB</i>	4	1,077	18	53	20.4	23	73%
Willard Hall <i>W</i>	7	897	15	46	26.2	34	62%
<i>Total No. of Rooms = 176</i>	AVERAGE	922	19	36	20.3	29	65%

3 CLASSROOM & TEACHING LABORATORY UTILIZATION

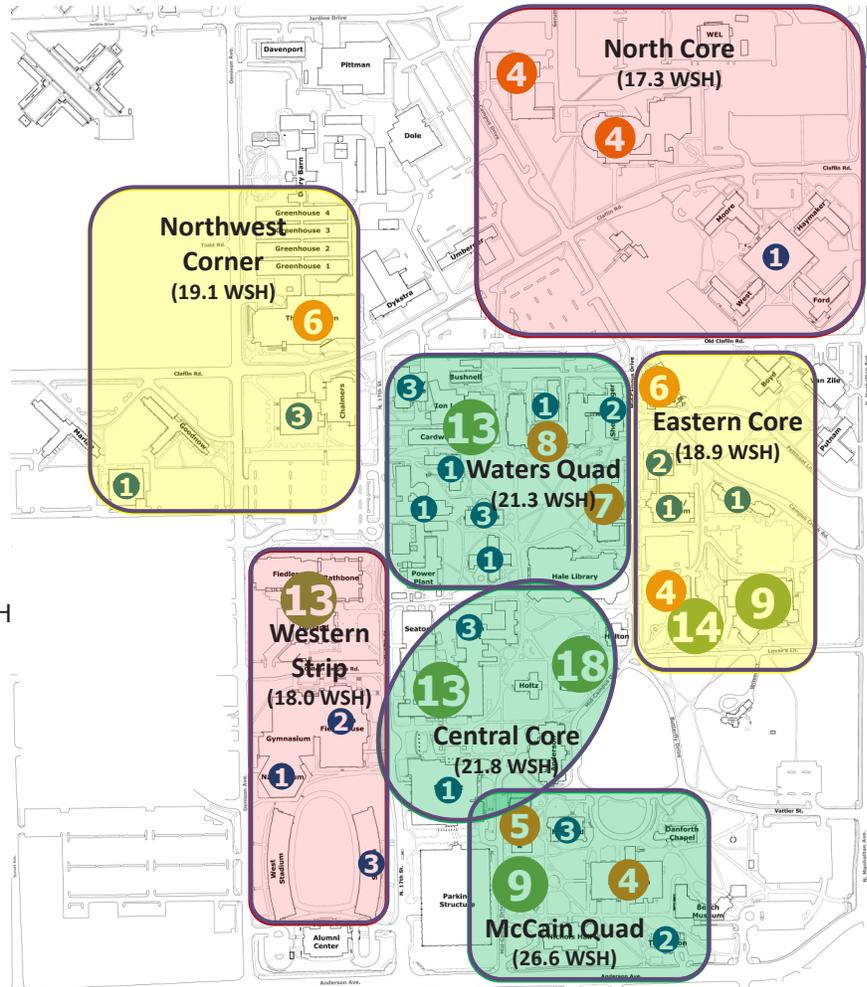
Classroom Precinct Study

The consultant reviewed the distribution of the 176 classrooms on the main campus by building. The following map illustrates the classroom densities which allowed the consultant to split the campus into classroom precincts. These precincts are somewhat arbitrary based upon geography and walking distances. The circle on each building indicates the number of classrooms in each building.

WSH = Weekly Seat Hours = weekly room hours combined with the number of seats filled (student station occupancy)

- Good Use: >21 WSH
- Below Average Use: 18 - 21 WSH
- Poor Use: <18 WSH

No. of Classrooms in Building



Classroom Precinct	No. of Rooms	No. of Seats	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Central Core	35	1,456	21.8	32	71%
Eastern Core	37	1,961	18.9	28	62%
Jardine	2	371	6.8	12	57%
McCain Quad	23	1,161	26.6	33	71%
North Core	9	496	17.3	22	69%
Northwest Corner	10	782	19.1	27	59%
Waters Quad	41	2,705	21.3	31	59%
Western Strip	19	1,007	18.0	27	63%
<i>Total No. of Rooms = 176</i>	AVERAGE		20.3	29	65%

3 CLASSROOM & TEACHING LABORATORY UTILIZATION

Eight precincts were chosen and labeled as Central Core, Eastern Core, Jardine, McCain Quad, North Core, Northwest Corner, Waters Quad and Western Strip. Taking the results of the utilization findings by building and totaling them by precinct starts to illustrate the most utilized and productive areas on campus. The total weekly student contact hours (WSCH) generated in the classrooms is divided by the total number of seats located in the precinct which produces the average weekly hours per seat. The average for the campus is 20.3 hours per seat which is close to the classroom utilization target of 20.8 set for this study (32 weekly room hours times 65% student station occupancy equals 20.8 weekly seat hours).

The average is slightly skewed by Jardine which has a low weekly seat hour of 6.8. McCain Quad has the greatest seat usage at 26.6. Central Core and Waters Quad precincts also exceed the utilization target. The Eastern Core, North Core, Northwest Corner, and Western Strip are just below the average and the target.

National Perspective on Classroom Utilization

Approximately half the states either have a statewide expectation or have system expectations in one or more of their public higher education systems. The lowest classroom target currently in use is 30 hours per week, which used to be a widely accepted standard and remains the most commonly used figure. In many jurisdictions it was based on day usage only with evening and weekend usage being excluded from the expectation. Recently, a more common practice has been to use that target as an all-hours expectation. In a few states, much higher utilization targets have been adopted. The average of all systems with classroom utilization targets is around 35 hours.

The consultant has performed utilization studies for over 100 campuses, the most common findings are between 30 to 35 average weekly hours per classroom. This is scheduled use for credit instruction. The second factor that is normally part of the utilization expectation in those jurisdictions that have adopted them is the percentage of seats filled when the rooms are in use. The most widely used number remains 60%. There has recently been a strong push to increase the utilization factor to 67%. In the many studies the consultant has conducted, the actual use tends to be between 50% and 65%. Because institutions do not ultimately control the final enrollment in a specific course, there will always be a degree of mismatch between estimated course size and the actual size of the course.

3 CLASSROOM & TEACHING LABORATORY UTILIZATION

Teaching Laboratory Utilization

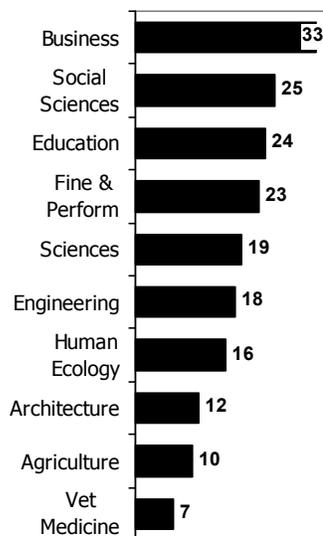
The Fall 2011 facilities inventory reflected more than 129 rooms classified as teaching laboratories at the main campus. As the tables and charts indicate, K-State teaching laboratories average 18 room hours per week. The College of Business Administration had the highest average scheduled usage at 33 hours among the colleges. The College of Business Administration had the highest average scheduled usage at 33 hours among the colleges. The Fine and Performing Arts, Sciences and Social Science units within the Collage of Arts and Sciences had average weekly room hours of 23, 19 and 25 respectively. The College of Education had average schedule usage of 24 hours. All other colleges were below the average.

The student station occupancy is 84% which is above the target of 80% and shows that laboratory courses are close to capacity. The Fine and Performing Arts unit within the College of Arts and Sciences has a student station occupancy of 91%. These laboratories or studios, are nearly full during scheduled times. The College of Veterinary Medicine had an occupancy rate of 90%, and the Sciences unit of the College of Arts and Sciences was at 89%. The College of Human Ecology was at 87%; all other colleges fell below the average mark.

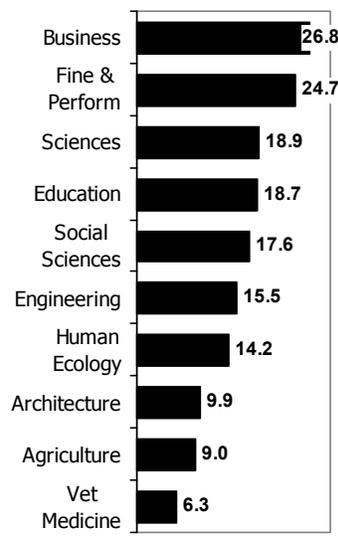
Teaching Laboratory Utilization Analysis by College / Unit Summary

College / Unit	No. of Rooms	No. of Seats	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
CAS • Fine and Performing Arts	15	379	1,208	90	20	24.7	23	91%
CAS • Sciences	37	869	1,056	49	20	18.9	19	89%
CAS • Social Sciences	7	123	638	37	12	17.6	25	71%
College of Agriculture	18	383	902	44	14	9.0	10	74%
College of Architecture, Planning and Design	12	211	1,125	64	15	9.9	12	84%
College of Business Administration	1	30	1,297	43	24	26.8	33	81%
College of Education	8	250	993	37	23	18.7	24	73%
College of Engineering	20	483	1,064	50	21	15.5	18	83%
College of Human Ecology	8	169	1,077	54	18	14.2	16	87%
College of Veterinary Medicine	3	382	6,571	52	76	6.3	7	90%
<i>Total No. of Rooms = 129</i>	AVERAGE		1,165	54	20	15.6	18	84%

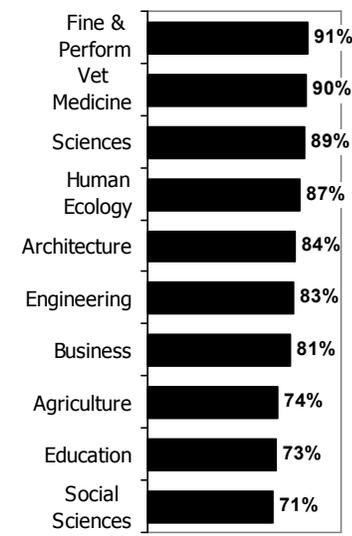
Weekly Room Hours:



Weekly Seat Hours:



Student Station Occupancy:



National Perspective on Teaching Laboratory Utilization

As with classroom utilization, guideline targets are usually implemented by states, systems, or institutions within the public education sector. These targets tend to oversimplify the use of teaching laboratories. Some guideline targets are based on discipline while others are based on the intensity in which a discipline relies on laboratories for instructional delivery.

The most used guideline targets have expectations of 20 hours per week at an 80% student station occupancy rate. In an effort to increase the use of it laboratories, one state has raised its utilization goals to an extreme of 40 hours per week at 85% student station occupancy. One set of published guidelines recommends 11.25 weekly room hours for certain heavily equipped labs such as engineering, agriculture, and the health professions but maintains the 80% student station occupancy rate.

While 80% student station occupancy is most used in guideline targets, the majority of universities rarely achieve it. In reality, occupancy averages that the consultants have studied typically range between 60% and 75%.

Teaching laboratory usage has as much to do with course level, instructional methods, and student research activities and capstone experiences, as it does discipline or discipline type. It is not unusual to find lower scheduled use (ten hours and under) in upper division laboratories.

On the other hand, entry level laboratories can have much higher levels of scheduled use – 20 hours or more.

When more than one laboratory is required and is equipped in the same fashion as another, serious consideration should be given to making sure that a higher level of usage is being achieved. Laboratories tend to be subject specific and do not lend well to sharing among disciplines. However, more laboratories are being used for interdisciplinary activities which can assist in achieving higher weekly room hour usage. Conversely, if customized labs are required for interdisciplinary activities then scheduled use may be low.

Laboratory utilization can be more difficult to measure through standardized course data. The reasons for this are many. A laboratory is sometimes a suite of rooms that are split into activity specific functions. The students arrive for class and then rotate through the different rooms. Sometimes a class is split into smaller cohorts where some use the lab through the first half of the semester and the others use the lab for the second half. Many upper division laboratories are also used for student research activities or capstone experiences and have very low regularly scheduled use.

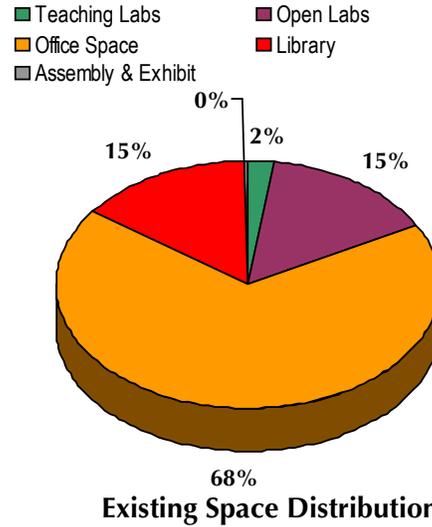
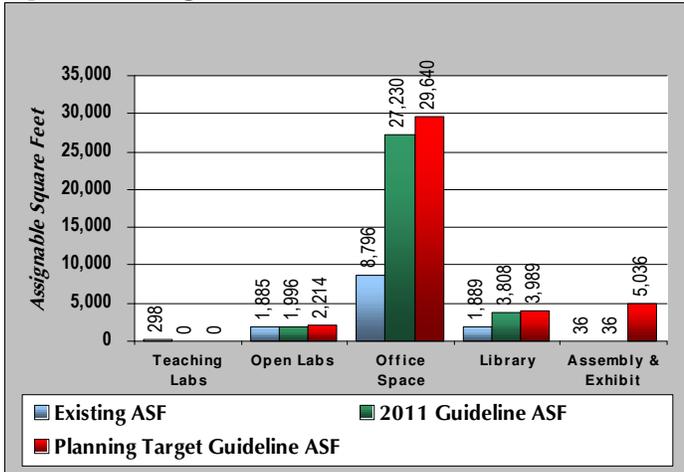
Laboratories have additional time demands that classrooms typically do not have which is one of the reasons the hourly expectation is lower. For example, there is setup and preparation time required, sometimes for a class, sometimes for the day. Other laboratories require an experiment to stay set up for multiple lab sessions or the entire semester which precludes the room from other scheduled activity.

SPACE NEEDS ANALYSIS BY COLLEGE/ADMINISTRATIVE UNIT

4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

CAS • Dean

Space Analysis



ASF = Assignable Square Feet

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
BT				521						521
ED				443						443
EH	298			5,333						5,631
ES				442			36			478
GY		1,885		1,012						2,897
LS				1,045						1,045
MS					1,889					1,889
TOTAL	298	1,885		8,796	1,889		36			12,904

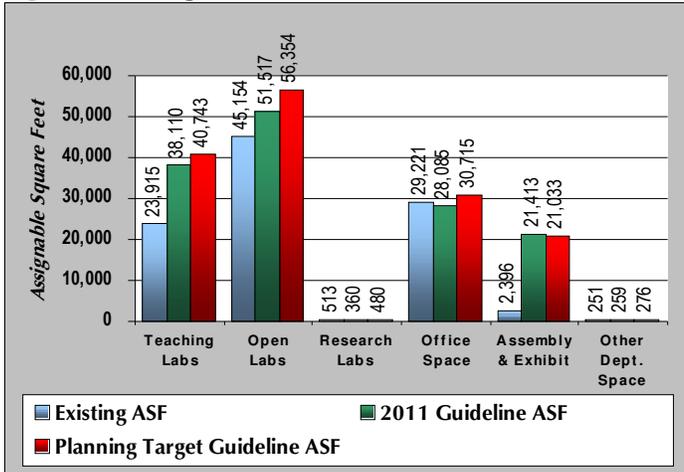
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	298	0	298	298	0	298
Open Laboratories & Service	1,885	1,996	(111)	1,885	2,214	(329)
<i>Instructional Space Subtotal</i>	<i>2,183</i>	<i>1,996</i>	<i>187</i>	<i>2,183</i>	<i>2,214</i>	<i>(31)</i>
Other Space						
Academic Offices & Service	8,796	27,230	(18,434)	8,796	29,640	(20,844)
Library	1,889	3,808	(1,919)	1,889	3,989	(2,100)
Assembly & Exhibit	36	36	0	36	5,036	(5,000)
<i>Other Space Subtotal</i>	<i>10,721</i>	<i>31,074</i>	<i>(20,353)</i>	<i>10,721</i>	<i>38,665</i>	<i>(27,944)</i>
TOTAL	12,904	33,070	(20,166)	12,904	40,879	(27,975)

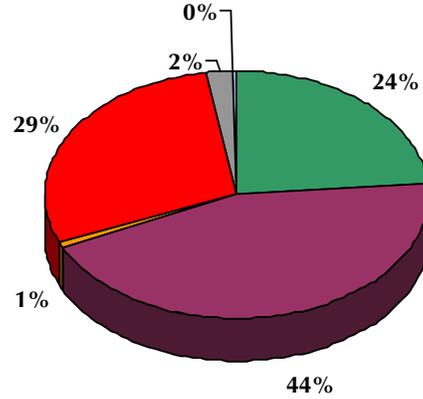
ASF = Assignable Square Feet

CAS • Fine and Performing Arts

Space Analysis



- Teaching Labs
- Research Labs
- Assembly & Exhibit
- Open Labs
- Office Space
- Other Dept. Space



ASF = Assignable Square Feet

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
BH	1,355									1,355
BT			63							63
ES		5,515		531						6,046
F		929		183						1,112
M	5,622	12,094	395	9,270						27,381
N		14,455		5,642					251	20,348
W	16,938	12,161	55	13,595			2,396			45,145
TOTAL	23,915	45,154	513	29,221			2,396		251	101,450

Current and Projected Space Needs

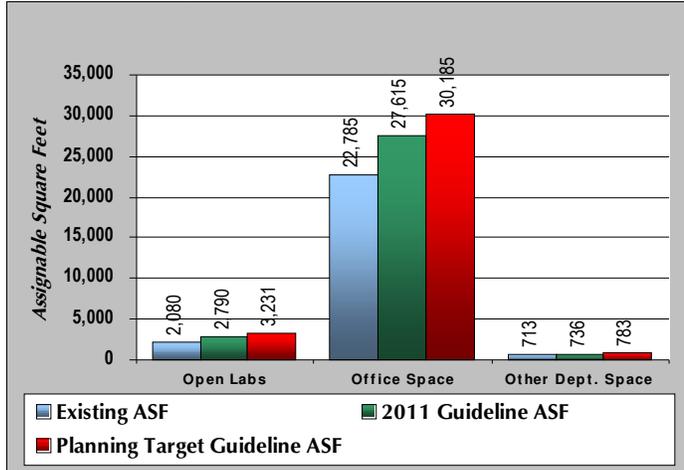
SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	23,915	38,110	(14,195)	23,915	40,743	(16,828)
Open Laboratories & Service	45,154	51,517	(6,363)	45,154	56,354	(11,200)
<i>Instructional Space Subtotal</i>	<i>69,069</i>	<i>89,627</i>	<i>(20,558)</i>	<i>69,069</i>	<i>97,097</i>	<i>(28,028)</i>
Other Space						
Research Laboratories & Service	513	360	153	513	480	33
Academic Offices & Service	29,221	28,085	1,136	29,221	30,715	(1,494)
Assembly & Exhibit	2,396	21,413	(19,017)	2,396	21,033	(18,637)
Other Academic Space	251	259	(8)	251	276	(25)
<i>Other Space Subtotal</i>	<i>32,381</i>	<i>50,117</i>	<i>(17,736)</i>	<i>32,381</i>	<i>52,504</i>	<i>(20,123)</i>
TOTAL	101,450	139,744	(38,294)	101,450	149,601	(48,151)

ASF = Assignable Square Feet

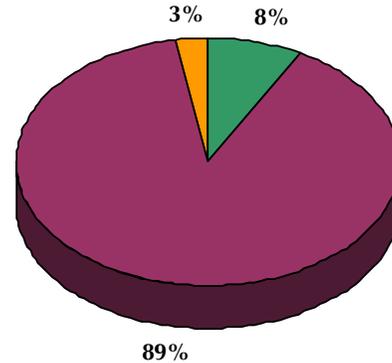
4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

CAS • Humanities

Space Analysis



■ Open Labs ■ Office Space ■ Other Dept. Space



Existing Space Distribution

ASF = Assignable Square Feet

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
D				4,183						4,183
ECS		587		11,443					713	12,743
EH		1,493		4,994						6,487
ES				536						536
LS				1,629						1,629
TOTAL		2,080		22,785					713	25,578

Current and Projected Space Needs

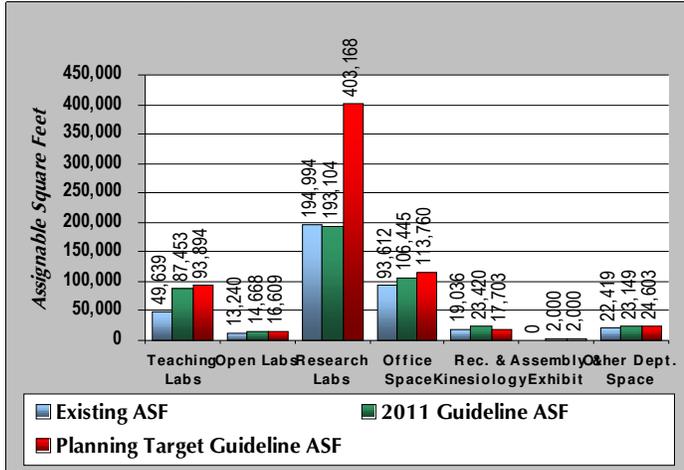
SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Open Laboratories & Service	2,080	2,790	(710)	2,080	3,231	(1,151)
Other Space						
Academic Offices & Service	22,785	27,615	(4,830)	22,785	30,185	(7,400)
Other Academic Space	713	736	(23)	713	783	(70)
<i>Other Space Subtotal</i>	<i>23,498</i>	<i>28,351</i>	<i>(4,853)</i>	<i>23,498</i>	<i>30,968</i>	<i>(7,470)</i>
TOTAL	25,578	31,141	(5,563)	25,578	34,199	(8,621)

ASF = Assignable Square Feet

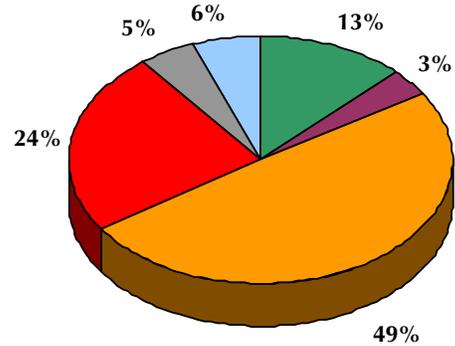
4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

CAS • Sciences

Space Analysis



■ Teaching Labs
■ Research Labs
■ Rec. & Kinesiology
■ Open Labs
■ Office Space
■ Other Dept. Space



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
AK	20,534	1,337	61,742	26,345					5,888	115,846
BH		2,259	11,255	4,758					2,475	20,747
BT			9,109	1,600					1,818	12,527
BU			9,267	5,250						14,517
BUX			1,052	750						1,802
CBC	5,662	461	34,196	11,312					63	51,694
CH			852						82	934
CW	5,600	3,024	47,970	20,724					3,892	81,210
D		782	135	7,068						7,985
ED				1,999						1,999
GY	1,514	2,460	2,016	2,681		19,036			7,364	35,071
KG	13,693	1,235	7,186	2,239					387	24,740
MS			4,141	636						4,777
NA		524	1,240	3,605					200	5,569
T	2,636	1,158	4,833	4,645					250	13,522
TOTAL	49,639	13,240	194,994	93,612		19,036			22,419	392,940

4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

CAS • Sciences

Current and Projected Space Needs

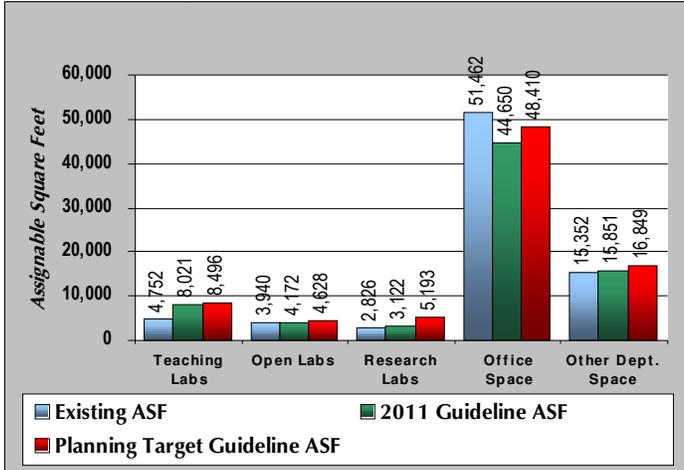
SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	49,639	87,453	(37,814)	49,639	93,894	(44,255)
Open Laboratories & Service	13,240	14,668	(1,428)	13,240	16,609	(3,369)
<i>Instructional Space Subtotal</i>	<i>62,879</i>	<i>102,121</i>	<i>(39,242)</i>	<i>62,879</i>	<i>110,503</i>	<i>(47,624)</i>
Other Space						
Research Laboratories & Service	194,994	193,104	1,890	194,994	403,168	(208,174)
Academic Offices & Service	93,612	106,445	(12,833)	93,612	113,760	(20,148)
Student Recreation & Kinesiology	19,036	23,420	(4,384)	19,036	17,703	1,333
Assembly & Exhibit	0	2,000	(2,000)	0	2,000	(2,000)
Other Academic Space	22,419	23,149	(730)	22,419	24,603	(2,184)
<i>Other Space Subtotal</i>	<i>330,061</i>	<i>348,118</i>	<i>(18,057)</i>	<i>330,061</i>	<i>561,234</i>	<i>(231,173)</i>
TOTAL	392,940	450,239	(57,299)	392,940	671,737	(278,797)

ASF = Assignable Square Feet

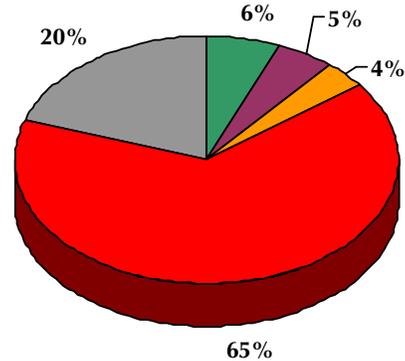
4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

CAS • Social Sciences

Space Analysis



■ Teaching Labs
■ Research Labs
■ Other Dept. Space
■ Open Labs
■ Office Space



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
BT			457							457
DO		217		415					1,843	2,475
EH		343		6,218						6,561
K	2,256	2,028		6,273					848	11,405
LS				3,534						3,534
M		286		483					1,259	2,028
MS	283			6,955					11,207	18,445
S	1,371		604	8,790						10,765
UN									195	195
WA	842	1,066	1,765	18,794						22,467
TOTAL	4,752	3,940	2,826	51,462					15,352	78,332

Current and Projected Space Needs

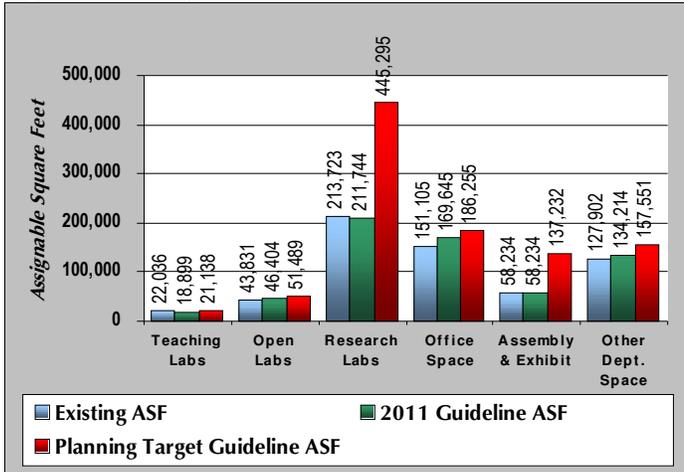
SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	4,752	8,021	(3,269)	4,752	8,496	(3,744)
Open Laboratories & Service	3,940	4,172	(232)	3,940	4,628	(688)
<i>Instructional Space Subtotal</i>	<i>8,692</i>	<i>12,193</i>	<i>(3,501)</i>	<i>8,692</i>	<i>13,124</i>	<i>(4,432)</i>
Other Space						
Research Laboratories & Service	2,826	3,122	(296)	2,826	5,193	(2,367)
Academic Offices & Service	51,462	44,650	6,812	51,462	48,410	3,052
Other Academic Space	15,352	15,851	(499)	15,352	16,849	(1,497)
<i>Other Space Subtotal</i>	<i>69,640</i>	<i>63,623</i>	<i>6,017</i>	<i>69,640</i>	<i>70,452</i>	<i>(812)</i>
TOTAL	78,332	75,816	2,516	78,332	83,576	(5,244)

ASF = Assignable Square Feet

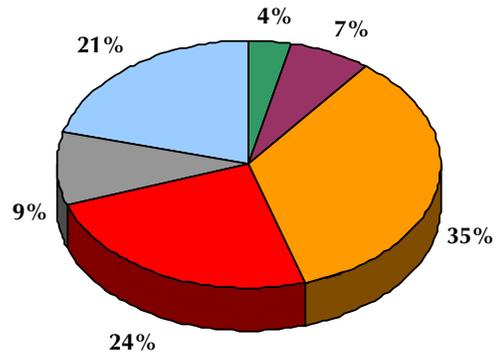
4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

College of Agriculture

Space Analysis



■ Teaching Labs
■ Research Labs
■ Assembly & Exhibit
■ Open Labs
■ Office Space
■ Other Dept. Space



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
CL	1,734	354	23,033	10,988					2,847	38,956
D									613	613
DO				343					662	1,005
ED				905						905
FT		9,390	5,409	259						15,058
GB			11,061	3,339					167	14,567
GFM		17,277	2,257	293						19,827
GHD								2,060		2,060
GI				5,743				4,796		10,539
GM								2,380		2,380
M				1,768					1,634	3,402
SH	1,566	4,308	16,767	4,949					1,763	29,353
TH	12,119	6,118	96,138	47,932			1,429		95,647	259,383
UM	486			22,395					4,595	27,476
WA	2,744	584	25,837	36,874					5,953	71,992
WAX	2,191		5,464	2,774					87	10,516
WB	1,196	5,800	23,415	12,543			56,805		4,698	104,457
WEL			4,342							4,342
TOTAL	22,036	43,831	213,723	151,105			58,234		127,902	616,831

4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

College of Agriculture

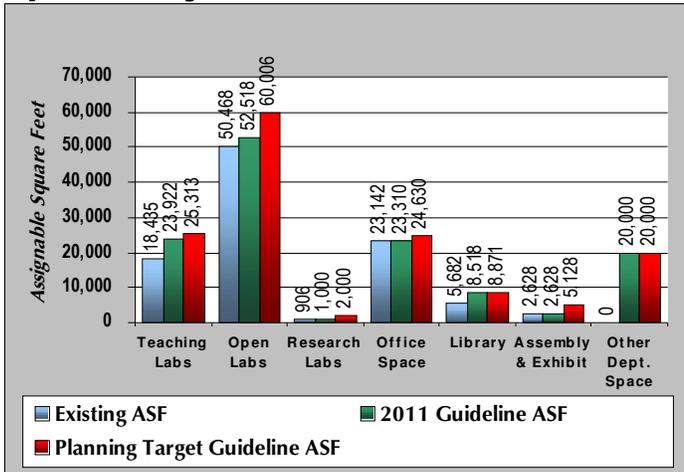
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	22,036	18,899	3,137	23,636	21,138	2,498
Open Laboratories & Service	43,831	46,404	(2,573)	43,831	51,489	(7,658)
<i>Instructional Space Subtotal</i>	<i>65,867</i>	<i>65,303</i>	<i>564</i>	<i>67,467</i>	<i>72,627</i>	<i>(5,160)</i>
Other Space						
Research Laboratories & Service	213,723	211,744	1,979	232,023	445,295	(213,272)
Academic Offices & Service	151,105	169,645	(18,540)	152,759	186,255	(33,496)
Assembly & Exhibit	58,234	58,234	0	120,634	137,232	(16,598)
Other Academic Space	127,902	134,214	(6,312)	140,400	157,551	(17,151)
<i>Other Space Subtotal</i>	<i>550,964</i>	<i>573,837</i>	<i>(22,873)</i>	<i>645,816</i>	<i>926,333</i>	<i>(280,517)</i>
TOTAL	616,831	639,140	(22,309)	713,283	998,960	(285,677)

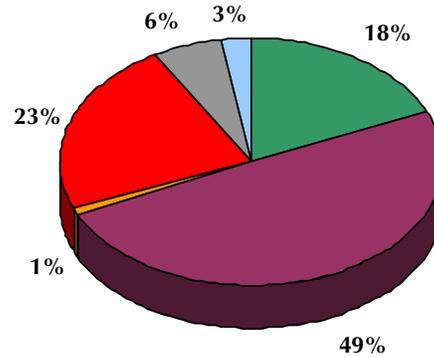
ASF = Assignable Square Feet

College of Architecture, Planning and Design

Space Analysis



Teaching Labs
Research Labs
Library
Open Labs
Office Space
Assembly & Exhibit



Existing Space Distribution

ASF = Assignable Square Feet

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
S	13,972	31,023	668	17,639	5,682		2,628			71,612
SC	4,463	19,445	238	5,503						29,649
TOTAL	18,435	50,468	906	23,142	5,682		2,628			101,261

Current and Projected Space Needs

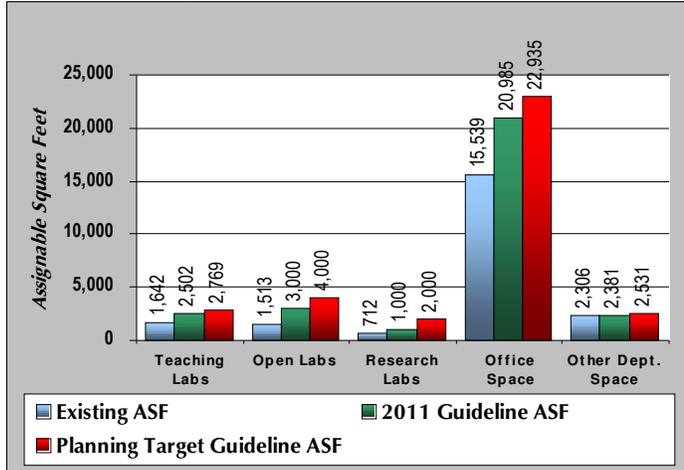
SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	18,435	23,922	(5,487)	18,435	25,313	(6,878)
Open Laboratories & Service	50,468	52,518	(2,050)	50,468	60,006	(9,538)
<i>Instructional Space Subtotal</i>	<i>68,903</i>	<i>76,440</i>	<i>(7,537)</i>	<i>68,903</i>	<i>85,319</i>	<i>(16,416)</i>
Other Space						
Research Laboratories & Service	906	1,000	(94)	906	2,000	(1,094)
Academic Offices & Service	23,142	23,310	(168)	23,142	24,630	(1,488)
Library	5,682	8,518	(2,836)	5,682	8,871	(3,189)
Assembly & Exhibit	2,628	2,628	0	2,628	5,128	(2,500)
Other Academic Space	0	20,000	(20,000)	0	20,000	(20,000)
<i>Other Space Subtotal</i>	<i>32,358</i>	<i>55,456</i>	<i>(23,098)</i>	<i>32,358</i>	<i>60,629</i>	<i>(28,271)</i>
TOTAL	101,261	131,896	(30,635)	101,261	145,948	(44,687)

ASF = Assignable Square Feet

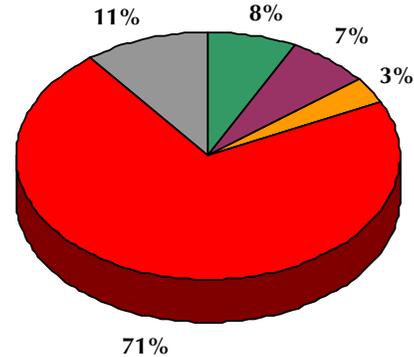
4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

College of Business Administration

Space Analysis



■ Teaching Labs
■ Research Labs
■ Other Dept. Space
■ Open Labs
■ Office Space



Existing Space Distribution

ASF = Assignable Square Feet

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
C	1,642	1,513	712	15,539					1,586	20,992
S									720	720
TOTAL	1,642	1,513	712	15,539					2,306	21,712

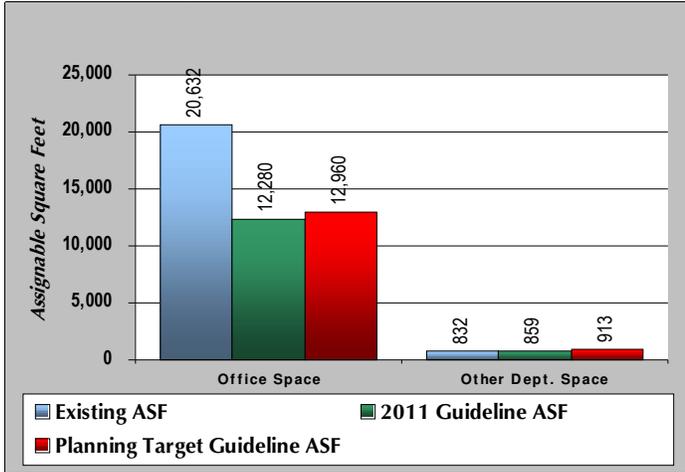
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	1,642	2,502	(860)	1,642	2,769	(1,127)
Open Laboratories & Service	1,513	3,000	(1,487)	1,513	4,000	(2,487)
<i>Instructional Space Subtotal</i>	<i>3,155</i>	<i>5,502</i>	<i>(2,347)</i>	<i>3,155</i>	<i>6,769</i>	<i>(3,614)</i>
Other Space						
Research Laboratories & Service	712	1,000	(288)	712	2,000	(1,288)
Academic Offices & Service	15,539	20,985	(5,446)	15,539	22,935	(7,396)
Other Academic Space	2,306	2,381	(75)	2,306	2,531	(225)
<i>Other Space Subtotal</i>	<i>18,557</i>	<i>24,366</i>	<i>(5,809)</i>	<i>18,557</i>	<i>27,466</i>	<i>(8,909)</i>
TOTAL	21,712	29,868	(8,156)	21,712	34,235	(12,523)

ASF = Assignable Square Feet

Division of Continuing Education

Space Analysis



ASF = Assignable Square Feet

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
CC				20,632					669	21,301
DO									163	163
TOTAL				20,632					832	21,464

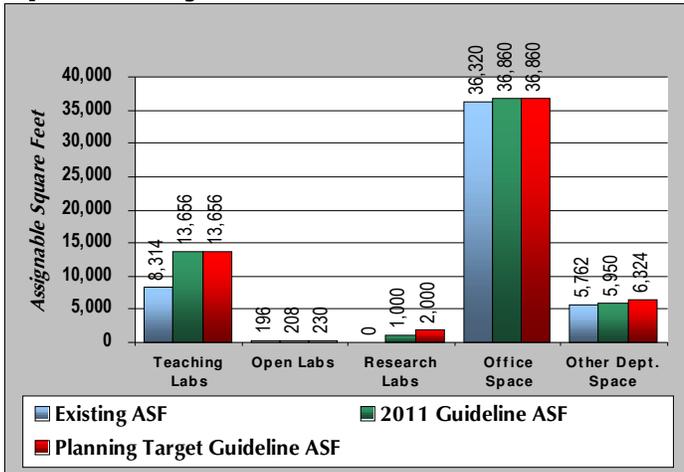
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Other Space						
Academic Offices & Service	20,632	12,280	8,352	20,632	12,960	7,672
Other Academic Space	832	859	(27)	832	913	(81)
TOTAL	21,464	13,139	8,325	21,464	13,873	7,591

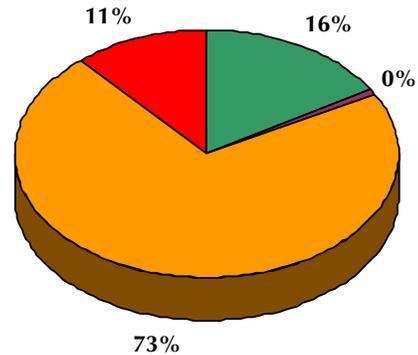
ASF = Assignable Square Feet

College of Education

Space Analysis



Teaching Labs Open Labs
Office Space Other Dept. Space



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
BH	8,314	196		27,478					5,762	41,750
FC				8,842						8,842
TOTAL	8,314	196		36,320					5,762	50,592

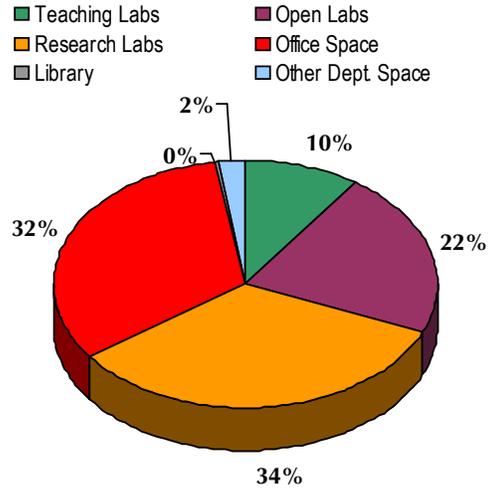
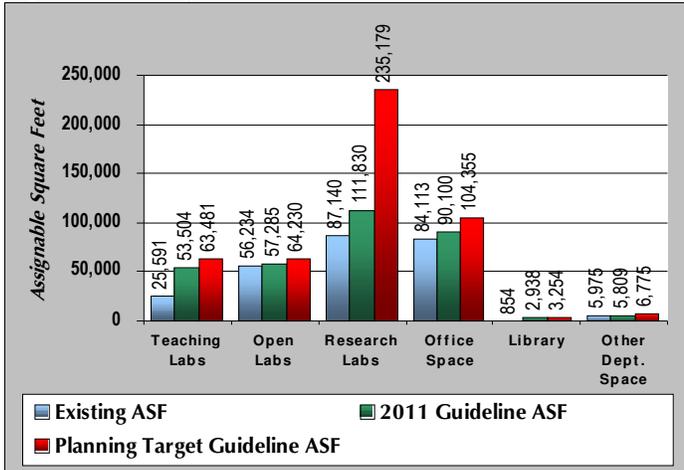
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	8,314	13,656	(5,342)	8,314	13,656	(5,342)
Open Laboratories & Service	196	208	(12)	196	230	(34)
<i>Instructional Space Subtotal</i>	<i>8,510</i>	<i>13,864</i>	<i>(5,354)</i>	<i>8,510</i>	<i>13,886</i>	<i>(5,376)</i>
Other Space						
Research Laboratories & Service	0	1,000	(1,000)	0	2,000	(2,000)
Academic Offices & Service	36,320	36,860	(540)	36,320	36,860	(540)
Other Academic Space	5,762	5,950	(188)	5,762	6,324	(562)
<i>Other Space Subtotal</i>	<i>42,082</i>	<i>43,810</i>	<i>(1,728)</i>	<i>42,082</i>	<i>45,184</i>	<i>(3,102)</i>
TOTAL	50,592	57,674	(7,082)	50,592	59,070	(8,478)

ASF = Assignable Square Feet

College of Engineering

Space Analysis



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
CH			750							750
DU	14,930	30,777	34,907	42,890	854				3,180	127,538
ERL			3,020	938						3,958
K			1,078							1,078
MEL			10,030	615					1,611	12,256
N	3,527	5,180		9,919						18,626
NGML		7,899		1,980						9,879
S	7,134	10,857	20,259	21,175					1,184	60,609
SC			713							713
WD		1,521	16,383	6,596						24,500
TOTAL	25,591	56,234	87,140	84,113	854				5,975	259,907

4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

College of Engineering

Current and Projected Space Needs

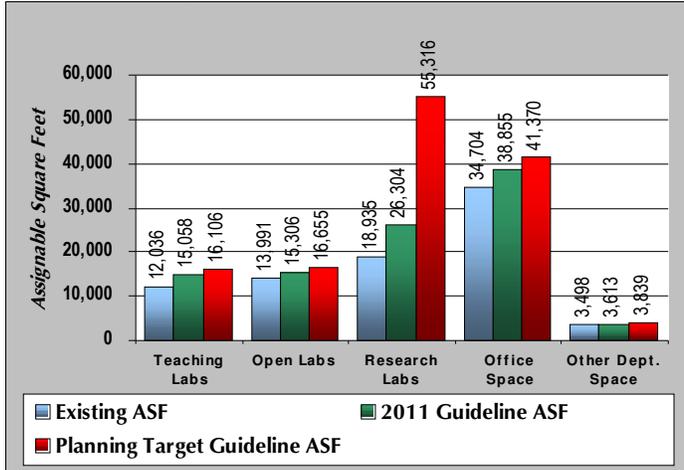
SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	25,591	53,504	(27,913)	35,341	63,481	(28,140)
Open Laboratories & Service	56,234	57,285	(1,051)	56,234	64,230	(7,996)
<i>Instructional Space Subtotal</i>	<i>81,825</i>	<i>110,789</i>	<i>(28,964)</i>	<i>91,575</i>	<i>127,711</i>	<i>(36,136)</i>
Other Space						
Research Laboratories & Service	87,140	111,830	(24,690)	96,890	235,179	(138,289)
Academic Offices & Service	84,113	90,100	(5,987)	104,713	104,355	358
Library	854	2,938	(2,084)	854	3,254	(2,400)
Other Academic Space	5,975	5,809	166	6,375	6,775	(400)
<i>Other Space Subtotal</i>	<i>178,082</i>	<i>210,677</i>	<i>(32,595)</i>	<i>208,832</i>	<i>349,563</i>	<i>(140,731)</i>
TOTAL	259,907	321,466	(61,559)	300,407	477,274	(176,867)

ASF = Assignable Square Feet

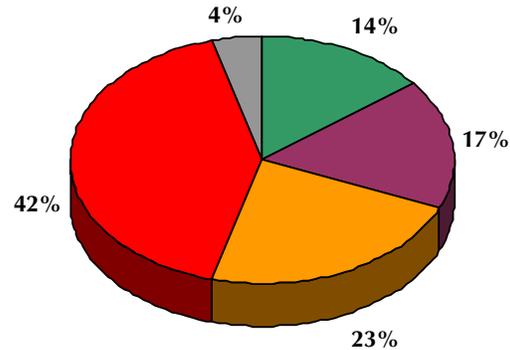
4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

College of Human Ecology

Space Analysis



■ Teaching Labs
■ Research Labs
■ Other Dept. Space
■ Open Labs
■ Office Space



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
CCC		4,017	3,422	4,980					197	12,616
ED				2,000						2,000
HST		5,985	926	1,428					6	8,345
JU	12,036	3,989	14,587	25,122					3,295	59,029
LS				1,174						1,174
TOTAL	12,036	13,991	18,935	34,704					3,498	83,164

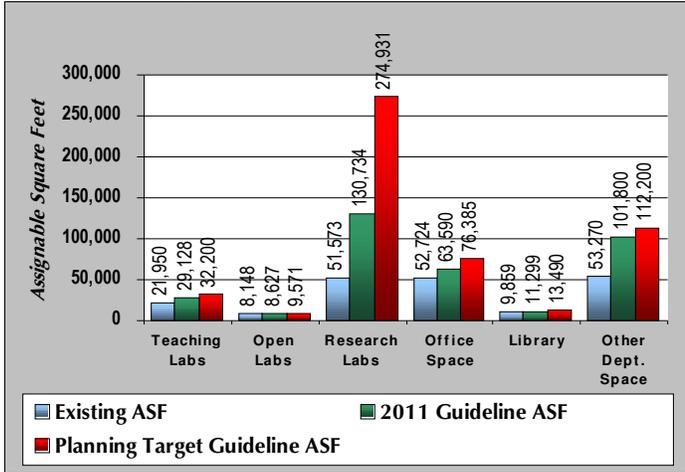
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	12,036	15,058	(3,022)	12,036	16,106	(4,070)
Open Laboratories & Service	13,991	15,306	(1,315)	13,991	16,655	(2,664)
<i>Instructional Space Subtotal</i>	<i>26,027</i>	<i>30,364</i>	<i>(4,337)</i>	<i>26,027</i>	<i>32,761</i>	<i>(6,734)</i>
Other Space						
Research Laboratories & Service	18,935	26,304	(7,369)	18,935	55,316	(36,381)
Academic Offices & Service	34,704	38,855	(4,151)	38,742	41,370	(2,628)
Other Academic Space	3,498	3,613	(115)	3,498	3,839	(341)
<i>Other Space Subtotal</i>	<i>57,137</i>	<i>68,772</i>	<i>(11,635)</i>	<i>61,175</i>	<i>100,525</i>	<i>(39,350)</i>
TOTAL	83,164	99,136	(15,972)	87,202	133,286	(46,084)

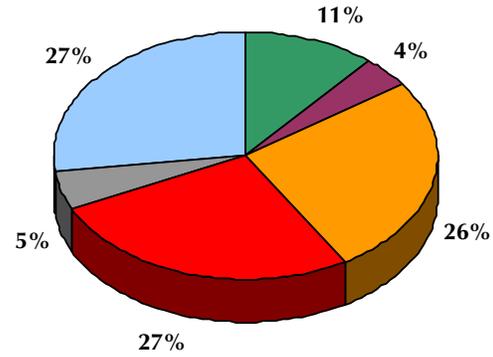
ASF = Assignable Square Feet

College of Veterinary Medicine

Space Analysis



- Teaching Labs
- Research Labs
- Library
- Open Labs
- Office Space
- Other Dept. Space



Existing Space Distribution

ASF = Assignable Square Feet

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
VCS	2,595	4,978	29,201	28,638					37,703	103,115
VMS			20,532	10,320					9,860	40,712
VMT	19,355	3,170	1,840	13,766	9,859				5,707	53,697
TOTAL	21,950	8,148	51,573	52,724	9,859				53,270	197,524

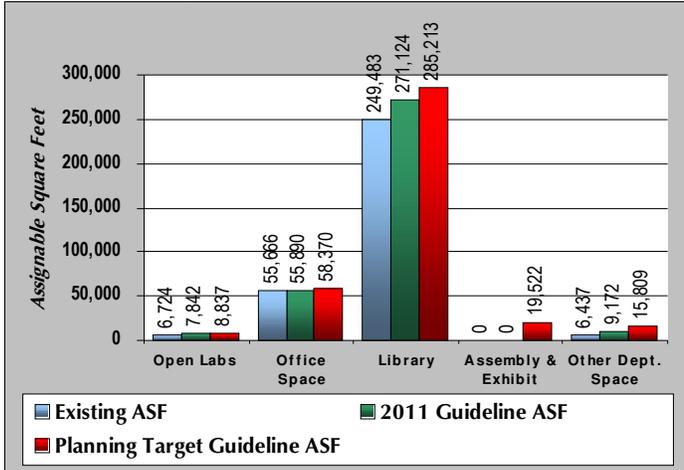
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Teaching Laboratories & Service	21,950	29,128	(7,178)	21,950	32,200	(10,250)
Open Laboratories & Service	8,148	8,627	(479)	8,148	9,571	(1,423)
<i>Instructional Space Subtotal</i>	<i>30,098</i>	<i>37,755</i>	<i>(7,657)</i>	<i>30,098</i>	<i>41,771</i>	<i>(11,673)</i>
Other Space						
Research Laboratories & Service	51,573	130,734	(79,161)	51,573	274,931	(223,358)
Academic Offices & Service	52,724	63,590	(10,866)	52,724	76,385	(23,661)
Library	9,859	11,299	(1,440)	9,859	13,490	(3,631)
Other Academic Space	53,270	101,800	(48,530)	53,270	112,200	(58,930)
<i>Other Space Subtotal</i>	<i>167,426</i>	<i>307,423</i>	<i>(139,997)</i>	<i>167,426</i>	<i>477,006</i>	<i>(309,580)</i>
TOTAL	197,524	345,178	(147,654)	197,524	518,777	(321,253)

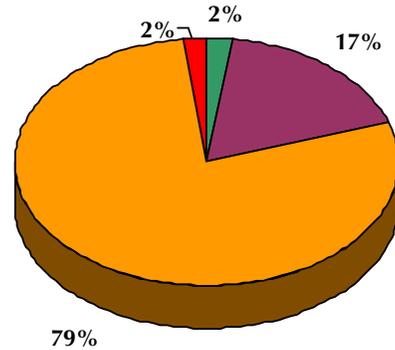
ASF = Assignable Square Feet

Provost and Senior VP

Space Analysis



Legend:
 Open Labs (Green)
 Office Space (Purple)
 Library (Orange)
 Other Dept. Space (Red)



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
A				4,643					2	4,645
BAM									27	27
BT									30	30
C									31	31
CTL									18	18
CW					1,860					1,860
D		1,140							21	1,161
DO				1,497					488	1,985
DU									83	83
ECS				63						63
ED				1,978						1,978
ES				2,618					1,471	4,089
F		3,172		14,316					418	17,906
FC				5,105	19,859					24,964
GB									58	58
GFM									28	28
GY				1,414						1,414
HL				21,494	227,764				105	249,363
JU		622								622
K				1,411					1,583	2,994
LS				598						598
N									17	17
PP									1,019	1,019
PRH									275	275
S		1,790		529					205	2,524
SC									116	116
TH									184	184
VMS									258	258
TOTAL		6,724		55,666	249,483				6,437	318,310

4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

Provost and Senior VP

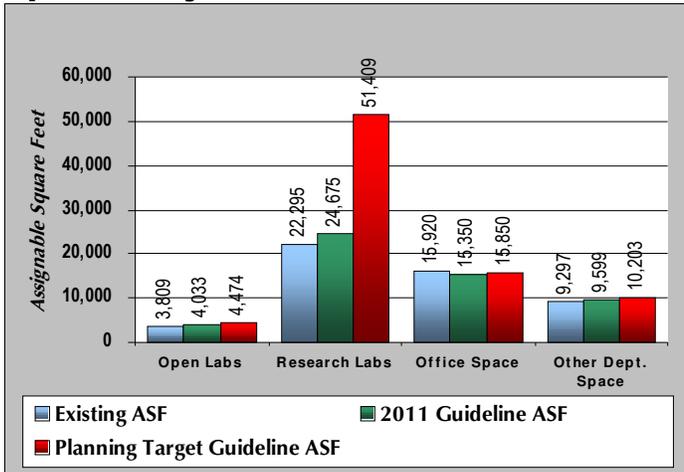
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Open Laboratories & Service	6,724	7,842	(1,118)	6,724	8,837	(2,113)
Other Space						
Academic Offices & Service	55,666	55,890	(224)	55,666	58,370	(2,704)
Library	249,483	271,124	(21,641)	249,483	285,213	(35,730)
Assembly & Exhibit	0	0	0	15,420	19,522	(4,102)
Other Academic Space	6,437	9,172	(2,735)	6,437	15,809	(9,372)
<i>Other Space Subtotal</i>	<i>311,586</i>	<i>336,186</i>	<i>(24,600)</i>	<i>327,006</i>	<i>378,914</i>	<i>(51,908)</i>
TOTAL	318,310	344,028	(25,718)	333,730	387,751	(54,021)

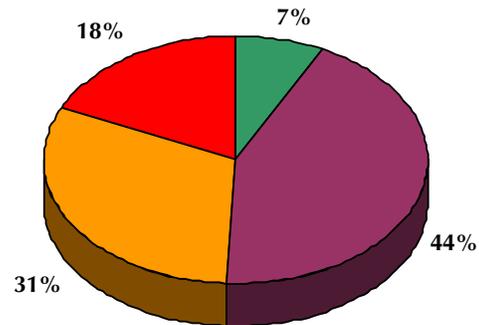
ASF = Assignable Square Feet

Vice President for Research

Space Analysis



■ Open Labs ■ Research Labs
■ Office Space ■ Other Dept. Space



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Teaching Labs	Open Labs	Research Labs	Acad Offices	Library	Stdnt Rec.	Assembly /Exhibit	Physical Plant	Other Acad Space	TOTAL OF ASF
BT			782	385						1,167
F		734		6,786						7,520
PRH		3,075	21,513	8,749					9,297	42,634
TOTAL		3,809	22,295	15,920					9,297	51,321

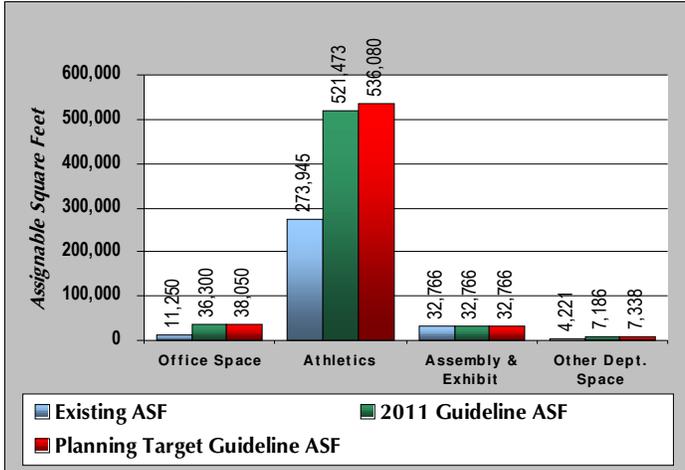
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Open Laboratories & Service	3,809	4,033	(224)	3,809	4,474	(665)
Other Space						
Research Laboratories & Service	22,295	24,675	(2,380)	22,295	51,409	(29,114)
Academic Offices & Service	15,920	15,350	570	15,920	15,850	70
Other Academic Space	9,297	9,599	(302)	9,297	10,203	(906)
<i>Other Space Subtotal</i>	<i>47,512</i>	<i>49,624</i>	<i>(2,112)</i>	<i>47,512</i>	<i>77,462</i>	<i>(29,950)</i>
TOTAL	51,321	53,657	(2,336)	51,321	81,936	(30,615)

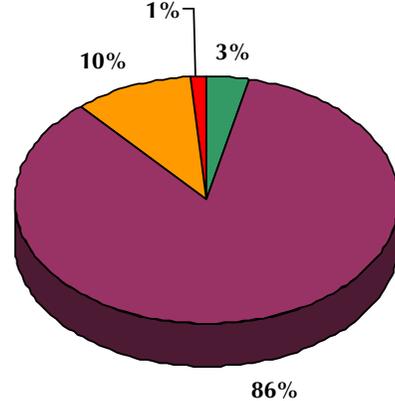
ASF = Assignable Square Feet

Office of the President

Space Analysis



Office Space
Athletics
Assembly & Exhibit
Other Dept. Space



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Open Labs	Admn Offices	Stdnt Rec.	Athletics	Assembly /Exhibit	Student Union	Physical Plant	Other Admn Space	TOTAL OF ASF
A		4,940						229	5,169
AFH				74,852					74,852
BAM		4,837			13,951			3,764	22,552
BC				12,226					12,226
BR				23,844					23,844
CTL				2,842					2,842
FC		320		1,743				228	2,291
GY				14,006					14,006
IPF				69,677					69,677
KBS				10,312					10,312
KFS				16,724					16,724
M		1,153			18,815				19,968
VFO				47,719					47,719
TOTAL		11,250		273,945	32,766			4,221	322,182

Current and Projected Space Needs

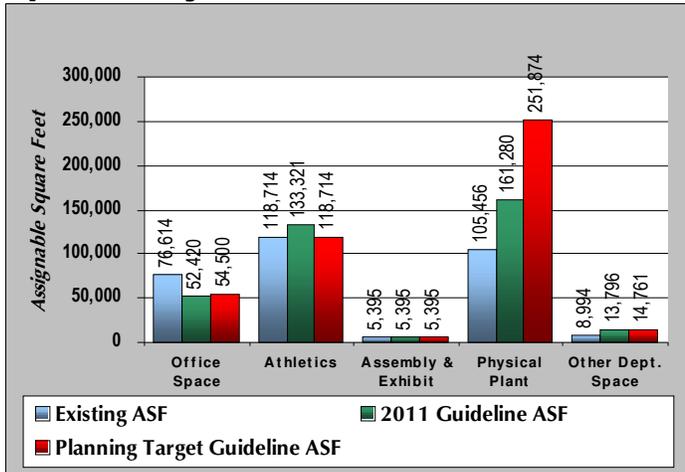
SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Other Space						
Administrative Offices & Service	11,250	36,300	(25,050)	11,250	38,050	(26,800)
Athletics	273,945	521,473	(247,528)	536,080	536,080	0
Assembly & Exhibit	32,766	32,766	0	32,766	32,766	0
Other Administrative Space	4,221	7,186	(2,965)	4,221	7,338	(3,117)
TOTAL	322,182	597,725	(275,543)	584,317	614,234	(29,917)

ASF = Assignable Square Feet

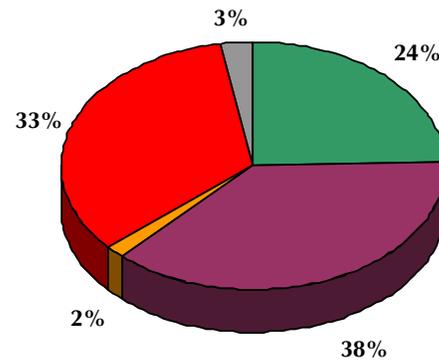
4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

VP Administration and Finance

Space Analysis



■ Office Space
■ Athletics
■ Assembly & Exhibit
■ Physical Plant
■ Other Dept. Space



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Open Labs	Admn Offices	Stdnt Rec.	Athletics	Assembly /Exhibit	Student Union	Physical Plant	Other Admn Space	TOTAL OF ASF
A		15,279							15,279
AK		136						136	272
BC				105,932					105,932
C		196							196
CBC							42		42
CW								113	113
D		261							261
DC					5,395				5,395
DU							900		900
DY		12,764					16,738		29,502
ECS								65	65
ED		23,276					2,024	661	25,961
ES							779	1,498	2,277
F		348					464		812
FC		8,517					431		8,948
FG		75					4,016		4,091
FGS							3,243		3,243
FH				12,782					12,782
FS							8,313		8,313
FSB							5,144		5,144
FSB2							5,101		5,101
GY		735							735
HL		1,803						6,359	8,162
HWS							2,347		2,347
K		875					1,589		2,464
LS		625					1,284		1,909
NM1		1,989							1,989
NM2		2,040							2,040
PFS		1,799					11,014		12,813
PP		5,098					7,648		12,746
PSII							3,239		3,239

4 SPACE NEEDS ANALYSIS BY COLLEGE & ADMINISTRATIVE UNIT

VP Administration and Finance

Building	Open Labs	Admn Offices	Stdnt Rec.	Athletics	Assembly /Exhibit	Student Union	Physical Plant	Other Admn Space	TOTAL OF ASF
SC							66		66
SH							695		695
VCS							929		929
VMS		205					17,938		18,143
VMT		323							323
W		187					109		296
WAX		83							83
WD								162	162
WEL							9,197		9,197
WS							2,206		2,206
TOTAL		76,614		118,714	5,395		105,456	8,994	315,173

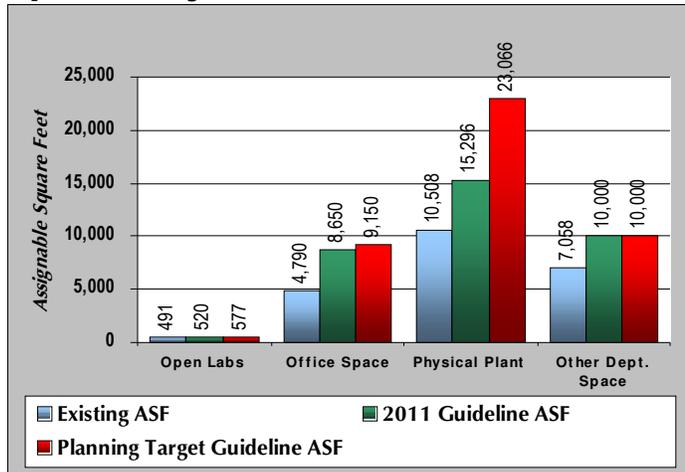
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Other Space						
Administrative Offices & Service	76,614	52,420	24,194	76,614	54,500	22,114
Athletics	118,714	133,321	(14,607)	118,714	118,714	0
Assembly & Exhibit	5,395	5,395	0	5,395	5,395	0
Physical Plant	105,456	161,280	(55,824)	105,456	251,874	(146,418)
Other Administrative Space	8,994	13,796	(4,802)	8,994	14,761	(5,767)
TOTAL	315,173	366,212	(51,039)	315,173	445,244	(130,071)

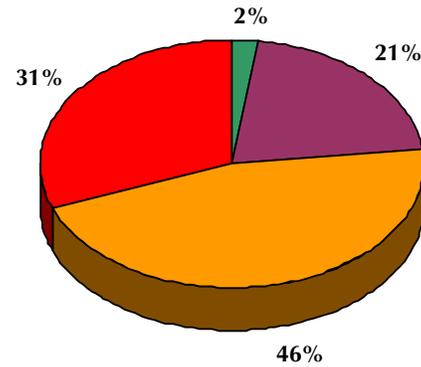
ASF = Assignable Square Feet

VP Communications and Mktg

Space Analysis



■ Open Labs ■ Office Space
■ Physical Plant ■ Other Dept. Space



ASF = Assignable Square Feet

Existing Space by Building

Building	Open Labs	Admn Offices	Stdnt Rec.	Athletics	Assembly /Exhibit	Student Union	Physical Plant	Other Admn Space	TOTAL OF ASF
DO	491	4,790					1,463	7,058	13,802
DU							8,028		8,028
UN							1,017		1,017
TOTAL	491	4,790					10,508	7,058	22,847

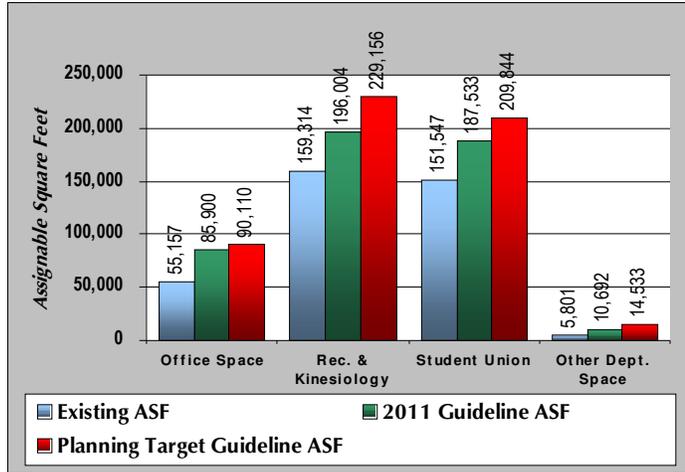
Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Instructional Space						
Open Laboratories & Service	491	520	(29)	491	577	(86)
Other Space						
Administrative Offices & Service	4,790	8,650	(3,860)	4,790	9,150	(4,360)
Physical Plant	10,508	15,296	(4,788)	10,508	23,066	(12,558)
Other Administrative Space	7,058	10,000	(2,942)	7,058	10,000	(2,942)
<i>Other Space Subtotal</i>	<i>22,356</i>	<i>33,946</i>	<i>(11,590)</i>	<i>22,356</i>	<i>42,216</i>	<i>(19,860)</i>
TOTAL	22,847	34,466	(11,619)	22,847	42,793	(19,946)

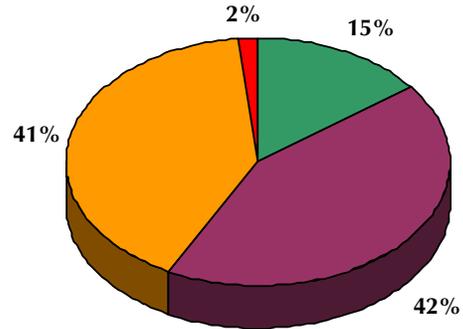
ASF = Assignable Square Feet

VP Student Life

Space Analysis



Office Space Rec. & Kinesiology
 Student Union Other Dept. Space



ASF = Assignable Square Feet

Existing Space Distribution

Existing Space by Building

Building	Open Labs	Admn Offices	Stdnt Rec.	Athletics	Assembly /Exhibit	Student Union	Physical Plant	Other Admn Space	TOTAL OF ASF
A		13,190							13,190
BH		1,353						813	2,166
DC		79							79
DV		798							798
ECS		4,718						516	5,234
F		6,108							6,108
HB			954						954
HH		9,789						2,196	11,985
HZ		3,599							3,599
IFM			363						363
ISC		1,609						2,276	3,885
K		702							702
LS		2,004							2,004
NA		252	22,684						22,936
PH		7,173							7,173
REC		3,219	135,313						138,532
UN						151,547			151,547
W		564							564
TOTAL		55,157	159,314			151,547		5,801	371,819

VP Student Life

Current and Projected Space Needs

SPACE CATEGORY	2011			Target Year		
	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
Other Space						
Administrative Offices & Service	55,157	85,900	(30,743)	89,737	90,110	(373)
Student Recreation & Kinesiology	159,314	196,004	(36,690)	246,414	229,156	17,258
Student Union	151,547	187,533	(35,986)	151,547	209,844	(58,297)
Other Administrative Space	5,801	10,692	(4,891)	5,801	14,533	(8,732)
TOTAL	371,819	480,129	(108,310)	493,499	543,643	(50,144)

ASF = Assignable Square Feet

APPENDICES

Appendix A | Office Guideline Application by College/Unit

CAS • Dean

Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head-count	Total Guideline ASF	Existing ASF	FTE	Head-count	Total Guideline ASF	Existing ASF
Faculty	160	2.00	2	320		2.00	2	320	
Full Time Unclassified	200	14.00	14	2,800		15.00	15	3,000	
Part Time Unclassified	200	1.90	3	600		2.00	3	600	
Full Time Classified	130	8.00	8	1,040		8.00	8	1,040	
Grad Research Assistant	100	84.30	176	17,600		93.00	194	19,400	
Total Office Space				22,360				24,360	7,218
<i>Total Service Space</i>				<i>810</i>				<i>840</i>	<i>514</i>
<i>Total Conference Room Space</i>				<i>4,060</i>				<i>4,440</i>	<i>1,064</i>
TOTAL		110.20	203	27,230		120.00	222	29,640	8,796
<i>Surplus/(Deficit)</i>				<i>(18,434)</i>				<i>(20,844)</i>	

**CAS • Fine and Performing Arts
Office Space Guideline Application**

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head-count	Total Guideline ASF	Existing ASF	FTE	Head-count	Total Guideline ASF	Existing ASF
Faculty	160	27.00	27	4,320		30.00	30	4,800	
Faculty (Studio)	220	47.00	47	10,340		52.00	52	11,440	
Part Time Faculty	35	7.20	15	525		8.00	17	595	
Full Time Unclassified	200	1.00	1	200		1.00	1	200	
Part Time Unclassified	200	0.70	4	800		0.00	4	800	
Full Time Classified	130	7.00	7	910		7.00	7	910	
Part Time Classified	130	0.50	1	130		1.00	1	130	
Grad Teaching Assistant	100	24.00	48	4,800		27.00	52	5,200	
Total Office Space				22,025	25,373			24,075	25,373
<i>Total Service Space</i>				<i>3,060</i>	<i>2,466</i>			<i>3,360</i>	<i>2,466</i>
<i>Total Conference Room Space</i>				<i>3,000</i>	<i>1,382</i>			<i>3,280</i>	<i>1,382</i>
TOTAL		114.40	150	28,085	29,221	126.00	164	30,715	29,221
<i>Surplus/(Deficit)</i>				<i>1,136</i>				<i>(1,494)</i>	

**CAS • Humanities
Office Space Guideline Application**

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head-count	Total Guideline ASF	Existing ASF	FTE	Head-count	Total Guideline ASF	Existing ASF
Faculty	160	84.00	84	13,440		92.00	92	14,720	
Part Time Faculty	35	8.60	15	525		9.00	17	595	
Part Time Unclassified	200	0.00	0	0		0.00	0	0	
Full Time Classified	130	4.00	4	520		4.00	4	520	
Part Time Classified	130	0.50	1	130		1.00	1	130	
Grad Teaching Assistant	100	32.50	65	6,500		36.00	71	7,100	
Total Office Space				21,115	19,042			23,065	19,042
<i>Total Service Space</i>				<i>3,120</i>	<i>2,777</i>			<i>3,420</i>	<i>2,777</i>
<i>Total Conference Room Space</i>				<i>3,380</i>	<i>966</i>			<i>3,700</i>	<i>966</i>
TOTAL		129.60	169	27,615	22,785	142.00	185	30,185	22,785
<i>Surplus/(Deficit)</i>				<i>(4,830)</i>				<i>(7,400)</i>	

CAS • Sciences
Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head-count	Total Guideline ASF	Existing ASF	FTE	Head-count	Total Guideline ASF	Existing ASF
Faculty	160	189.00	189	30,240		206.00	206	32,960	
Part Time Faculty	35	10.95	23	805		13.00	24	840	
Full Time Unclassified	200	106.00	106	21,200		111.00	111	22,200	
Part Time Unclassified	200	15.90	38	7,600		17.00	39	7,800	
Full Time Classified	130	41.00	41	5,330		41.00	41	5,330	
Part Time Classified	130	2.00	3	390		3.00	3	390	
Grad Teaching Assistant	100	84.70	174	17,400		94.00	192	19,200	
Total Office Space				82,965	76,766			88,720	76,766
<i>Total Service Space</i>				<i>12,000</i>	<i>8,681</i>			<i>12,720</i>	<i>8,681</i>
<i>Total Conference Room Space</i>				<i>11,480</i>	<i>13,061</i>			<i>12,320</i>	<i>13,061</i>
TOTAL		449.55	574	106,445	98,508	485.00	616	113,760	98,508
<i>Surplus/(Deficit)</i>				<i>(7,937)</i>				<i>(15,252)</i>	

**CAS • Social Sciences
Office Space Guideline Application**

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head-count	Total Guideline ASF	Existing ASF	FTE	Head-count	Total Guideline ASF	Existing ASF
Faculty	160	110.00	110	17,600		121.00	121	19,360	
Part Time Faculty	35	7.60	14	490		8.00	14	490	
Full Time Unclassified	200	8.00	8	1,600		8.00	8	1,600	
Part Time Unclassified	200	3.10	6	1,200		3.00	6	1,200	
Non KSU Staff	200	12.00	12	2,400		13.00	13	2,600	
Full Time Classified	130	15.00	15	1,950		15.00	15	1,950	
Part Time Classified	130	2.10	4	520		3.00	4	520	
Grad Teaching Assistant	100	51.10	87	8,700		56.00	97	9,700	
Total Office Space				34,460	42,073			37,420	42,073
<i>Total Service Space</i>				<i>5,070</i>	<i>6,809</i>			<i>5,430</i>	<i>6,809</i>
<i>Total Conference Room Space</i>				<i>5,120</i>	<i>2,580</i>			<i>5,560</i>	<i>2,580</i>
TOTAL		208.90	256	44,650	51,462	227.00	278	48,410	51,462
<i>Surplus/(Deficit)</i>				<i>6,812</i>				<i>3,052</i>	

College of Agriculture Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Faculty	160	199.00	199	31,840		227.00	227	36,320	
Part Time Faculty	35	2.74	9	315		2.00	9	315	
Full Time Unclassified	200	221.00	221	44,200		235.00	235	47,000	
Full Time Unclassified (no office needed)	0	20.00	20	0		22.00	22	0	
Part Time Unclassified	200	23.58	50	10,000		25.00	53	10,600	
Full Time Classified	130	125.00	125	16,250		133.00	133	17,290	
Full Time Classified (no office needed)	0	40.00	40	0		46.00	46	0	
Part Time Classified	130	8.55	16	2,080		10.00	16	2,080	
Grad Teaching Assistant	100	9.40	24	2,400		13.00	27	2,700	
Grad Research Assistant	100	124.60	258	25,800		143.00	297	29,700	
Graduate Assistant	100	0.50	1	100		1.00	1	100	
Total Office Space				132,985	114,976			146,105	116,630
<i>Total Service Space</i>				<i>18,600</i>	<i>18,064</i>			<i>20,190</i>	<i>18,064</i>
<i>Total Conference Room Space</i>				<i>18,060</i>	<i>18,065</i>			<i>19,960</i>	<i>18,065</i>
TOTAL		774.37	963	169,645	151,105	857.00	1,066	186,255	152,759
<i>Surplus/(Deficit)</i>				<i>(18,540)</i>				<i>(33,496)</i>	

College of Architecture, Planning and Design Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Faculty (Studio)	220	54.00	54	11,880		58.00	58	12,760	
Part Time Faculty	35	5.30	12	420		5.00	12	420	
Full Time Unclassified	200	12.00	12	2,400		12.00	12	2,400	
Part Time Unclassified	200	1.20	3	600		1.00	3	600	
Full Time Classified	130	7.00	7	910		7.00	7	910	
Part Time Classified	130	0.50	1	130		1.00	1	130	
Grad Teaching Assistant	100	10.00	20	2,000		10.00	22	2,200	
Grad Research Assistant	100	0.50	1	100		1.00	1	100	
Total Office Space				18,440	18,696			19,520	18,696
<i>Total Service Space</i>				<i>2,670</i>	<i>3,694</i>			<i>2,790</i>	<i>3,694</i>
<i>Total Conference Room Space</i>				<i>2,200</i>	<i>666</i>			<i>2,320</i>	<i>666</i>
TOTAL		90.50	110	23,310	23,056	95.00	116	24,630	23,056
<i>Surplus/(Deficit)</i>				<i>(254)</i>				<i>(1,574)</i>	

College of Business Administration Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Faculty	160	52.00	52	8,320		59.00	59	9,440	
Part Time Faculty	35	2.65	7	245		3.00	7	245	
Full Time Unclassified	200	15.00	15	3,000		15.00	15	3,000	
Part Time Unclassified	200	1.15	2	400		1.00	2	400	
Full Time Classified	130	9.00	9	1,170		9.00	9	1,170	
Grad Teaching Assistant	100	3.20	8	800		4.00	9	900	
Grad Research Assistant	100	8.80	22	2,200		10.00	25	2,500	
Total Office Space				16,135	13,106			17,655	13,106
<i>Total Service Space</i>				<i>2,550</i>	<i>1,387</i>			<i>2,760</i>	<i>1,387</i>
<i>Total Conference Room Space</i>				<i>2,300</i>	<i>1,046</i>			<i>2,520</i>	<i>1,046</i>
TOTAL		91.80	115	20,985	15,539	101.00	126	22,935	15,539
<i>Surplus/(Deficit)</i>				<i>(5,446)</i>				<i>(7,396)</i>	

Division of Continuing Education Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Faculty	160	1.00	1	160		1.00	1	160	
Full Time Unclassified	200	31.00	31	6,200		33.00	33	6,600	
Part Time Unclassified	200	2.85	6	1,200		3.00	6	1,200	
Full Time Classified	130	15.00	15	1,950		16.00	16	2,080	
Graduate Assistant	100	0.50	1	100		1.00	1	100	
Total Office Space				9,610	11,860			10,140	11,860
<i>Total Service Space</i>				<i>1,590</i>	<i>7,502</i>			<i>1,680</i>	<i>7,502</i>
<i>Total Conference Room Space</i>				<i>1,080</i>	<i>1,270</i>			<i>1,140</i>	<i>1,270</i>
TOTAL		50.35	54	12,280	20,632	54.00	57	12,960	20,632
<i>Surplus/(Deficit)</i>				<i>8,352</i>				<i>7,672</i>	

College of Education Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head-count	Total Guideline ASF	Existing ASF	FTE	Head-count	Total Guideline ASF	Existing ASF
Faculty	160	53.00	53	8,480		53.00	53	8,480	
Part Time Faculty	35	15.65	36	1,260		15.00	36	1,260	
Full Time Unclassified	200	51.00	51	10,200		51.00	51	10,200	
Part Time Unclassified	200	9.40	14	2,800		9.00	14	2,800	
Full Time Classified	130	16.00	16	2,080		16.00	16	2,080	
Part Time Classified	130	0.90	1	130		1.00	1	130	
Grad Teaching Assistant	100	8.50	17	1,700		9.00	17	1,700	
Grad Research Assistant	100	5.00	11	1,100		5.00	11	1,100	
Total Office Space				27,750	26,618			27,750	26,618
<i>Total Service Space</i>				<i>5,130</i>	<i>5,886</i>			<i>5,130</i>	<i>5,886</i>
<i>Total Conference Room Space</i>				<i>3,980</i>	<i>3,816</i>			<i>3,980</i>	<i>3,816</i>
TOTAL		159.45	199	36,860	36,320	159.00	199	36,860	36,320
<i>Surplus/(Deficit)</i>				<i>(540)</i>				<i>(540)</i>	

College of Engineering Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head-count	Total Guideline ASF	Existing ASF	FTE	Head-count	Total Guideline ASF	Existing ASF
Faculty	160	125.00	125	20,000		152.00	152	24,320	
Part Time Faculty	35	4.80	10	350		6.00	11	385	
Full Time Unclassified	200	72.00	72	14,400		80.00	80	16,000	
Part Time Unclassified	200	23.30	42	8,400		25.00	44	8,800	
Full Time Classified	130	41.00	41	5,330		43.00	43	5,590	
Part Time Classified	130	1.35	2	260		2.00	2	260	
Grad Teaching Assistant	100	17.50	36	3,600		21.00	43	4,300	
Grad Research Assistant	100	87.50	184	18,400		106.00	223	22,300	
Graduate Assistant	100	1.40	3	300		2.00	4	400	
Total Office Space				71,040	68,179			82,355	88,779
<i>Total Service Space</i>				<i>8,760</i>	<i>7,976</i>			<i>9,960</i>	<i>7,976</i>
<i>Total Conference Room Space</i>				<i>10,300</i>	<i>7,958</i>			<i>12,040</i>	<i>7,958</i>
TOTAL		373.85	515	90,100	84,113	437.00	602	104,355	104,713
<i>Surplus/(Deficit)</i>				<i>(5,987)</i>				<i>358</i>	

College of Human Ecology Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Faculty	160	75.00	75	12,000		83.00	83	13,280	
Part Time Faculty	35	6.55	15	525		7.00	16	560	
Full Time Unclassified	200	35.00	35	7,000		37.00	37	7,400	
Part Time Unclassified	200	9.88	36	7,200		11.00	37	7,400	
Full Time Classified	130	21.00	21	2,730		21.00	21	2,730	
Part Time Classified	130	0.50	1	130		1.00	1	130	
Grad Teaching Assistant	100	0.50	1	100		1.00	1	100	
Grad Teaching Assistant (no office needs)	0	17.50	35	0		19.00	38	0	
Grad Research Assistant (no office needs)	0	26.10	56	0		29.00	62	0	
Total Office Space				29,685	29,918			31,600	33,956
<i>Total Service Space</i>				<i>5,490</i>	<i>3,043</i>			<i>5,850</i>	<i>3,043</i>
<i>Total Conference Room Space</i>				<i>3,680</i>	<i>1,743</i>			<i>3,920</i>	<i>1,743</i>
TOTAL		192.03	275	38,855	34,704	209.00	296	41,370	38,742
<i>Surplus/(Deficit)</i>				<i>(4,151)</i>				<i>(2,628)</i>	

College of Veterinary Medicine Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Faculty	160	92.00	92	14,720		142.00	142	22,720	
Part Time Faculty	35	7.20	12	420		8.00	13	455	
Full Time Unclassified	200	87.00	87	17,400		91.00	91	18,200	
Full Time Unclassified (no office needed)	0	85.00	85	0		94.00	94	0	
Part Time Unclassified	200	10.05	20	4,000		11.00	21	4,200	
Part Time Unclassified (no office needed)	0	1.60	3	0		2.00	3	0	
Full Time Classified	130	52.00	52	6,760		54.00	54	7,020	
Full Time Classified (no office needed)	0	53.00	53	0		59.00	59	0	
Part Time Classified	130	4.70	9	1,170		6.00	9	1,170	
Grad Research Assistant	100	22.50	46	4,600		25.00	51	5,100	
Total Office Space				49,070	40,048			58,865	40,048
<i>Total Service Space</i>				<i>8,160</i>	<i>5,570</i>			<i>9,900</i>	<i>5,570</i>
<i>Total Conference Room Space</i>				<i>6,360</i>	<i>7,106</i>			<i>7,620</i>	<i>7,106</i>
TOTAL		415.05	459	63,590	52,724	492.00	537	76,385	52,724
<i>Surplus/(Deficit)</i>				<i>(10,866)</i>				<i>(23,661)</i>	

Provost and Senior VP Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Faculty	160	44.00	44	7,040		49.00	49	7,840	
Part Time Faculty	35	2.15	4	140		2.00	4	140	
Full Time Unclassified	200	129.00	129	25,800		134.00	134	26,800	
Part Time Unclassified	200	5.15	14	2,800		6.00	14	2,800	
Full Time Classified	130	51.00	51	6,630		52.00	52	6,760	
Part Time Classified	130	0.70	1	130		1.00	1	130	
Grad Teaching Assistant	100	0.50	1	100		1.00	1	100	
Grad Research Assistant	100	3.20	7	700		5.00	7	700	
Graduate Assistant	100	1.00	2	200		2.00	2	200	
Library Personnel (office space in library)	0	89.80	93	0		101.00	104	0	
Total Office Space				43,540	48,338			45,470	48,338
<i>Total Service Space</i>				<i>7,290</i>	<i>5,769</i>			<i>7,620</i>	<i>5,769</i>
<i>Total Conference Room Space</i>				<i>5,060</i>	<i>1,559</i>			<i>5,280</i>	<i>1,559</i>
TOTAL		326.50	346	55,890	55,666	353.00	368	58,370	55,666
<i>Surplus/(Deficit)</i>				<i>(224)</i>				<i>(2,704)</i>	

Vice President for Research Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Faculty	160	1.00	1	160		1.00	1	160	
Full Time Unclassified	200	47.00	47	9,400		49.00	49	9,800	
Part Time Unclassified	200	1.60	3	600		2.00	3	600	
Full Time Classified	130	14.00	14	1,820		14.00	14	1,820	
Part Time Classified	130	0.00	0	0		0.00	0	0	
Grad Research Assistant	100	0.50	1	100		1.00	1	100	
Total Office Space				12,080	12,645			12,480	12,645
<i>Total Service Space</i>				<i>1,950</i>	<i>1,492</i>			<i>2,010</i>	<i>1,492</i>
<i>Total Conference Room Space</i>				<i>1,320</i>	<i>1,783</i>			<i>1,360</i>	<i>1,783</i>
TOTAL		64.10	66	15,350	15,920	67.00	68	15,850	15,920
<i>Surplus/(Deficit)</i>				<i>570</i>				<i>70</i>	

**Office of the President
Office Space Guideline Application**

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head-count	Total Guideline ASF	Existing ASF	FTE	Head-count	Total Guideline ASF	Existing ASF
Full Time Unclassified	200	131.00	131	26,200		138.00	138	27,600	
Full Time Unclassified (no office needed)	0	128.00	128	0		143.00	143	0	
Part Time Unclassified	200	4.00	7	1,400		4.00	7	1,400	
Part Time Unclassified (no office needed)	0	131.20	777	0		147.00	870	0	
Full Time Classified	130	6.00	6	780		6.00	6	780	
Part Time Classified	130	1.30	4	520		1.00	4	520	
Grad Research Assistant (no office needed)	0	1.50	3	0		2.00	3	0	
Total Office Space				28,900	5,894			30,300	5,894
<i>Total Service Space</i>				<i>4,440</i>	<i>3,599</i>			<i>4,650</i>	<i>3,599</i>
<i>Total Conference Room Space</i>				<i>2,960</i>	<i>1,757</i>			<i>3,100</i>	<i>1,757</i>
TOTAL		403.00	1,056	36,300	11,250	441.00	1,171	38,050	11,250
<i>Surplus/(Deficit)</i>				<i>(25,050)</i>				<i>(26,800)</i>	

VP Administration and Finance Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Full Time Unclassified	200	89.00	89	17,800		93.00	93	18,600	
Full Time Unclassified (no office needed)	0	6.00	6	0		6.00	6	0	
Part Time Unclassified	200	2.69	5	1,000		3.00	5	1,000	
Full Time Classified	130	160.00	160	20,800		166.00	166	21,580	
Full Time Classified (no office needed)	0	237.00	237	0		265.00	265	0	
Part Time Classified (no office needed)	0	20.50	38	0		23.00	42	0	
Grad Research Assistant	100	0.40	1	100		0.00	1	100	
Total Office Space				39,700	61,954			41,280	61,954
<i>Total Service Space</i>				<i>7,620</i>	<i>8,696</i>			<i>7,920</i>	<i>8,696</i>
<i>Total Conference Room Space</i>				<i>5,100</i>	<i>5,804</i>			<i>5,300</i>	<i>5,804</i>
TOTAL		515.59	536	52,420	76,454	556.00	578	54,500	76,454
<i>Surplus/(Deficit)</i>				<i>24,034</i>				<i>21,954</i>	

**VP Communications and Mktg
Office Space Guideline Application**

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head-count	Total Guideline ASF	Existing ASF	FTE	Head-count	Total Guideline ASF	Existing ASF
Full Time Unclassified	200	31.00	31	6,200		33.00	33	6,600	
Full Time Classified	130	5.00	5	650		5.00	5	650	
Total Office Space				6,850	3,516			7,250	3,516
<i>Total Service Space</i>				<i>1,080</i>	<i>786</i>			<i>1,140</i>	<i>786</i>
<i>Total Conference Room Space</i>				<i>720</i>	<i>488</i>			<i>760</i>	<i>488</i>
TOTAL		36.00	36	8,650	4,790	38.00	38	9,150	4,790
<i>Surplus/(Deficit)</i>				<i>(3,860)</i>				<i>(4,360)</i>	

VP Student Life Office Space Guideline Application

Staffing Type	Office Guideline ASF per Headcount	2011				Target Year			
		FTE	Head- count	Total Guideline ASF	Existing ASF	FTE	Head- count	Total Guideline ASF	Existing ASF
Full Time Unclassified	200	143.00	143	28,600		150.00	150	30,000	
Full Time Unclassified (no office needed)	0	26.00	26	0		29.00	29	0	
Part Time Unclassified	200	5.00	11	2,200		5.00	11	2,200	
Part Time Unclassified (no office needed)	0	2.10	7	0		2.00	8	0	
Full Time Classified	130	123.00	123	15,990		129.00	129	16,770	
Full Time Classified (no office needed)	0	269.00	269	0		302.00	302	0	
Part Time Classified	130	22.10	127	16,510		24.00	134	17,420	
Part Time Classified (no office needed)	0	15.00	29	0		17.00	33	0	
Grad Research Assistant	100	8.60	18	1,800		10.00	19	1,900	
Graduate Assistant	100	1.00	2	200		2.00	2	200	
Graduate Assistant (no office needed)	0	11.50	23	0		13.00	26	0	
Total Office Space				65,300	45,264			68,490	79,844
<i>Total Service Space</i>				<i>12,120</i>	<i>6,789</i>			<i>12,720</i>	<i>6,789</i>
<i>Total Conference Room Space</i>				<i>8,480</i>	<i>3,104</i>			<i>8,900</i>	<i>3,104</i>
TOTAL		626.30	778	85,900	55,157	683.00	843	90,110	89,737
<i>Surplus/(Deficit)</i>				<i>(30,743)</i>				<i>(373)</i>	

Appendix B | Classroom Utilization by Building

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
Ackert Hall (Chalmers Addition)									No. of Rooms = 3
AK 120	110	2,273	195	12	112	5,072	26.0	41	63%
AK 221	110	1,191	90	13	60	2,266	25.2	36	69%
AK 231	110	565	58	10	26	542	9.3	26	36%
<i>Average</i>		1,343	114	12	66		23.0	34	59%
<i>Total</i>		4,029	343			7,880		103	
Bluemont Hall									No. of Rooms = 14
BH 101	110	2,476	248	10	180	6,740	27.2	37	73%
BH 107	110	459	30	15	18	624	20.8	34	61%
BH 108	110	459	35	13	19	620	17.7	29	60%
BH 109	110	387	35	11	10	241	6.9	24	29%
BH 111	110	560	39	14	22	528	13.5	23	59%
BH 112	110	618	46	13	18	551	12.0	28	43%
BH 113	110	560	39	14	22	857	22.0	38	58%
BH 114	110	386	25	15	10	169	6.8	17	40%
BH 122	110	814	39	21	19	744	19.1	37	52%
BH 123	110	596	41	15	17	421	10.3	24	44%
BH 339	110	468	20	23	9	183	9.2	20	45%
BH 342	110	433	20	22	11	230	11.5	22	52%
BH 449	110	396	20	20	12	342	17.1	33	51%
BH 5102	110	617	45	14	28	959	21.3	29	74%
<i>Average</i>		659	49	16	28		19.4	28	55%
<i>Total</i>		9,229	682			13,209		395	
Burt Hall									No. of Rooms = 1
BT 114	110	880	74	12	38	1,025	13.9	27	51%
<i>Average</i>		880	74	12	38		13.9	27	51%
<i>Total</i>		880	74			1,025		27	
Call Hall									No. of Rooms = 4
CL 140	110	770	30	26	16	349	11.6	21	56%
CL 204	110	766	47	16	22	335	7.1	14	51%
CL 205	110	1,458	50	29	35	484	9.7	13	74%
CL 226	110	1,052	49	21	30	720	14.7	24	61%
<i>Average</i>		1,012	44	23	26		10.7	18	60%
<i>Total</i>		4,046	176			1,887		72	
Calvin Hall									No. of Rooms = 9
C 102	110	931	47	20	39	1,629	34.7	42	83%
C 116	110	915	47	19	36	1,626	34.6	45	77%
C 202	110	916	47	19	36	1,572	33.4	44	76%
C 208	110	952	47	20	34	1,720	36.6	49	75%
C 209	110	953	47	20	35	1,474	31.4	43	73%

Classroom Utilization Analysis by Building

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
C 211	110	938	47	20	36	1,595	33.9	44	76%
C 212	110	912	47	19	39	1,620	34.5	42	82%
C 217	110	914	47	19	31	1,224	26.0	39	67%
C 218	110	931	47	20	34	1,040	22.1	32	69%
<i>Average</i>		929	47	20	35		31.9	42	76%
<i>Total</i>		8,362	423			13,500		380	

Campus Creek Complex									No. of Rooms = 1
CCC 223	110	645	38	17	22	751	19.8	32	62%
<i>Average</i>		645	38	17	22		19.8	32	62%
<i>Total</i>		645	38			751		32	

Cardwell									No. of Rooms = 13
CW 101	110	3,513	338	10	263	9,145	27.1	35	78%
CW 102	110	1,398	111	13	76	3,061	27.6	40	70%
CW 103	110	2,045	175	12	132	5,050	28.9	38	76%
CW 120	110	548	39	14	20	682	17.5	42	42%
CW 122	110	540	39	14	20	492	12.6	26	49%
CW 129	110	677	47	14	28	1,083	23.0	41	56%
CW 130	110	677	47	14	27	936	19.9	36	55%
CW 131	110	677	47	14	25	665	14.1	28	51%
CW 143	110	809	52	16	29	746	14.3	28	51%
CW 144	110	803	47	17	24	548	11.7	24	49%
CW 146	110	801	53	15	25	849	16.0	38	42%
CW 221	110	1,253	39	32	36	1,160	29.7	32	93%
CW 222	110	1,224	39	31	38	912	23.4	24	97%
<i>Average</i>		1,151	83	17	57		23.6	33	62%
<i>Total</i>		14,965	1,073			25,328		431	

Chem-BioChem Building.									No. of Rooms = 1
CBC 209	110	830	36	23	9	102	2.8	12	24%
<i>Average</i>		830	36	23	9		2.8	12	24%
<i>Total</i>		830	36			102		12	

Derby Food Center									No. of Rooms = 1
DF 134	110	1,794	48	37	36	1,159	24.1	31	78%
<i>Average</i>		1,794	48	37	36		24.1	31	78%
<i>Total</i>		1,794	48			1,159		31	

Dickens Hall									No. of Rooms = 4
D 106	110	698	39	18	21	773	19.8	38	52%
D 203	110	558	24	23	15	267	11.1	18	62%
D 206	110	954	39	24	40	2,067	53.0	52	102%
D 207	110	1,151	37	31	35	1,564	42.3	46	92%

Classroom Utilization Analysis by Building

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<i>Average</i>		840	35	24	28		33.6	38	82%
<i>Total</i>		3,361	139			4,671		154	

Durland/Rathbone/Fiedler Hall No. of Rooms = 13

DU 0087	110	498	20	25	19	285	14.3	15	95%
DU 0088	110	789	24	33	25	447	18.6	18	103%
DU 1027	110	864	50	17	36	912	18.2	26	70%
DU 1029	110	801	47	17	29	773	16.4	27	61%
DU 1041	110	450	27	17	18	371	13.7	21	65%
DU 1052	110	894	67	13	37	1,392	20.8	36	59%
DU 1061	110	686	47	15	19	533	11.3	28	41%
DU 1063	110	693	47	15	18	611	13.0	34	38%
DU 1066	110	1,364	91	15	52	1,871	20.6	35	59%
DU 1069	110	400	22	18	14	263	12.0	19	63%
DU 1073	110	2,175	167	13	121	4,432	26.5	37	72%
DU 1107	110	3,114	155	20	99	2,453	15.8	24	66%
DU 2144	110	694	40	17	21	325	8.1	18	46%
<i>Average</i>		1,032	62	18	39		18.2	26	62%
<i>Total</i>		13,422	804			14,666		337	

East Stadium No. of Rooms = 3

ES 107C	110	407	27	15	21	635	23.5	31	76%
ES 108	110	473	29	16	24	795	27.4	34	82%
ES 123	110	453	29	16	21	512	17.7	25	71%
<i>Average</i>		444	28	16	22		22.8	30	77%
<i>Total</i>		1,333	85			1,942		90	

Eisenhower No. of Rooms = 18

EH 012	110	474	31	15	17	593	19.1	35	54%
EH 015	110	1,056	82	13	60	2,137	26.1	34	77%
EH 016	110	513	34	15	22	881	25.9	40	64%
EH 020	110	441	34	13	13	412	12.1	33	37%
EH 021	110	505	34	15	24	1,174	34.5	49	70%
EH 101	110	528	24	22	19	676	28.2	35	80%
EH 122	110	515	34	15	19	623	18.3	32	57%
EH 123	110	563	24	23	13	504	21.0	38	55%
EH 124	110	513	24	21	16	453	18.9	28	67%
EH 125	110	538	24	22	17	658	27.4	40	69%
EH 126	110	552	24	23	21	740	30.8	36	86%
EH 211	110	479	34	14	23	772	22.7	34	67%
EH 218	110	494	34	15	17	636	18.7	39	48%
EH 219	110	521	36	14	21	817	22.7	38	59%
EH 223	110	450	36	13	21	716	19.9	34	58%
EH 224	110	515	34	15	20	830	24.4	41	59%
EH 226	110	1,087	35	31	26	1,205	34.4	47	74%
EH 228	110	815	23	35	16	691	30.0	42	71%

Classroom Utilization Analysis by Building

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<i>Average</i>		587	33	19	21		24.2	38	64%
<i>Total</i>		10,559	601			14,517		677	

English/Counseling Services									<i>No. of Rooms = 1</i>
ECS 017	110	1,047	34	31	24	1,210	35.6	50	71%
<i>Average</i>		1,047	34	31	24		35.6	50	71%
<i>Total</i>		1,047	34			1,210		50	

Fairchild Hall									<i>No. of Rooms = 3</i>
F 208	110	556	47	12	18	408	8.7	24	36%
F 212	110	550	29	19	15	321	11.1	21	53%
F 310	110	536	34	16	16	463	13.6	30	45%
<i>Average</i>		547	37	16	16		10.8	25	44%
<i>Total</i>		1,642	110			1,192		75	

General Richard B. Myers Military Science Hall									<i>No. of Rooms = 3</i>
MS 210	110	715	47	15	25	705	15.0	28	54%
MS 211	110	676	47	14	24	530	11.3	22	51%
MS 213	110	725	47	15	22	573	12.2	26	47%
<i>Average</i>		705	47	15	24		12.8	25	51%
<i>Total</i>		2,116	141			1,808		76	

Gymnasium									<i>No. of Rooms = 2</i>
GY 204	110	414	36	12	20	544	15.1	28	54%
GY 205	110	394	34	12	21	459	13.5	22	60%
<i>Average</i>		404	35	12	20		14.3	25	57%
<i>Total</i>		808	70			1,003		50	

Justin Hall									<i>No. of Rooms = 9</i>
JU 109	110	2,060	202	10	134	6,091	30.2	45	68%
JU 146	110	804	24	34	16	206	8.6	11	80%
JU 149	110	748	47	16	29	739	15.7	25	63%
JU 150	110	578	11	53	14	309	28.1	21	134%
JU 247	110	959	70	14	50	1,797	25.7	36	71%
JU 253	110	1,501	80	19	60	1,864	23.3	31	75%
JU 254	110	601	24	25	11	286	11.9	30	40%
JU 256	110	695	47	15	25	655	13.9	27	52%
JU 341	110	615	44	14	17	508	11.5	27	43%
<i>Average</i>		951	61	22	40		22.7	28	67%
<i>Total</i>		8,561	549			12,454		252	

Kedzie Hall									<i>No. of Rooms = 5</i>
K 004	110	2,159	151	14	101	3,468	23.0	33	69%

Classroom Utilization Analysis by Building

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
K 106	110	1,845	105	18	153	5,652	53.8	35	153%
K 210	110	695	47	15	25	776	16.5	30	54%
K 214	110	495	39	13	21	635	16.3	31	53%
K 216	110	374	24	16	16	544	22.7	36	63%
<i>Average</i>		1,114	73	15	63		30.3	33	80%
<i>Total</i>		5,568	366			11,074		166	
King Hall No. of Rooms = 2									
KG 004	110	1,163	86	14	53	1,614	18.8	29	65%
KG 209	110	964	44	22	14	515	11.7	36	32%
<i>Average</i>		1,064	65	18	34		16.4	33	47%
<i>Total</i>		2,127	130			2,129		65	
Kramer Food Center No. of Rooms = 1									
KF 120	110	1,513	64	24	42	1,164	18.2	27	67%
<i>Average</i>		1,513	64	24	42		18.2	27	67%
<i>Total</i>		1,513	64			1,164		27	
K-State Union No. of Rooms = 1									
UN 101	110	2,397	79	30	104	1,708	21.6	17	127%
<i>Average</i>		2,397	79	30	104		21.6	17	127%
<i>Total</i>		2,397	79			1,708		17	
Leadership Studies & Programs Building No. of Rooms = 6									
LSP 111	110	750	25	30	17	440	17.6	27	65%
LSP 112	110	701	25	28	13	352	14.1	27	52%
LSP 113	110	719	25	29	18	453	18.1	25	71%
LSP 114	110	2,297	212	11	116	1,383	6.5	12	54%
LSP 126	110	1,175	50	24	38	576	11.5	15	77%
LSP 127	110	1,192	50	24	28	566	11.3	21	54%
<i>Average</i>		1,139	65	24	39		9.7	21	62%
<i>Total</i>		6,834	387			3,770		127	
Leasure Hall No. of Rooms = 4									
LS 001	110	721	39	18	24	769	19.7	32	61%
LS 010	110	1,122	47	24	20	717	15.3	37	41%
LS 013A	110	1,772	80	22	55	2,247	28.1	40	70%
LS 112	110	721	30	24	11	96	3.2	9	36%
<i>Average</i>		1,084	49	22	27		19.5	30	56%
<i>Total</i>		4,336	196			3,830		119	
McCain Auditorium No. of Rooms = 4									
M 104A	110	866	22	39	8	171	7.8	18	43%

Classroom Utilization Analysis by Building

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
M 105	110	1,115	49	23	18	683	13.9	31	45%
M 135	110	557	25	22	12	280	11.2	20	56%
M 325	110	265	18	15	21	120	6.7	7	95%
<i>Average</i>		701	29	25	15		11.0	19	52%
<i>Total</i>		2,803	114			1,254		76	
Natorium No. of Rooms = 1									
NA 002	110	755	48	16	17	494	10.3	28	37%
<i>Average</i>		755	48	16	17		10.3	28	37%
<i>Total</i>		755	48			494		28	
Seaton Court No. of Rooms = 3									
SC 101	110	554	10	55	9	308	30.8	36	87%
SC 213	110	674	41	16	21	315	7.7	15	51%
SC 214	110	434	31	14	17	284	9.2	17	54%
<i>Average</i>		554	27	29	16		11.1	23	71%
<i>Total</i>		1,662	82			907		68	
Seaton Hall No. of Rooms = 13									
S 063	110	2,816	258	11	137	6,047	23.4	44	54%
S 127	110	715	47	15	34	984	20.9	28	75%
S 130	110	352	23	15	17	436	19.0	24	79%
S 131	110	349	23	15	16	374	16.3	25	65%
S 132	110	1,084	72	15	51	1,864	25.9	36	72%
S 134	110	612	30	20	19	465	15.5	24	65%
S 143	110	319	8	40	20	537	67.1	27	249%
S 161	110	808	53	15	30	493	9.3	17	55%
S 162	110	478	31	15	16	306	9.9	20	49%
S 221	110	720	48	15	46	1,236	25.8	27	95%
S 236	110	823	36	23	29	921	25.6	32	80%
S 237	110	774	42	18	31	643	15.3	20	75%
S 252	110	480	23	21	12	331	14.4	29	50%
<i>Average</i>		795	53	18	35		21.1	27	82%
<i>Total</i>		10,330	694			14,637		353	
Shellenberger No. of Rooms = 2									
SH 301	110	1,010	44	23	14	423	9.6	26	37%
SH 311	110	1,459	60	24	25	343	5.7	14	41%
<i>Average</i>		1,235	52	24	19		7.4	20	38%
<i>Total</i>		2,469	104			766		40	
Thompson Hall No. of Rooms = 2									
T 101	110	1,264	101	13	73	2,987	29.6	41	72%
T 213	110	810	47	17	31	911	19.4	29	67%

Classroom Utilization Analysis by Building

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<i>Average</i>		1,037	74	15	52		26.3	35	70%
<i>Total</i>		2,074	148			3,898		70	
Throckmorton Hall No. of Rooms = 6									
TH 1012	110	439	29	15	13	337	11.6	25	46%
TH 1014	110	1,183	84	14	44	1,662	19.8	38	52%
TH 1018	110	2,210	170	13	105	2,987	17.6	25	69%
TH 1021	110	617	44	14	21	378	8.6	20	43%
TH 2413	110	647	24	27	15	128	5.3	10	53%
TH 2501	110	975	24	41	22	424	17.7	20	88%
<i>Average</i>		1,012	63	21	37		15.8	23	58%
<i>Total</i>		6,071	375			5,915		138	
VM - Trotter Hall No. of Rooms = 2									
VMT 201	110	2,790	186	15	117	1,292	6.9	11	63%
VMT 301	110	2,789	185	15	83	1,226	6.6	13	51%
<i>Average</i>		2,790	186	15	100		6.8	12	57%
<i>Total</i>		5,579	371			2,518		24	
Ward Hall No. of Rooms = 1									
WD 135	110	943	50	19	9	128	2.6	14	18%
<i>Average</i>		943	50	19	9		2.6	14	18%
<i>Total</i>		943	50			128		14	
Waters Hall No. of Rooms = 8									
WA 041	110	784	47	17	30	1,133	24.1	37	65%
WA 132	110	588	42	14	21	601	14.3	26	54%
WA 201A	110	483	12	40	9	189	15.7	22	72%
WA 231	110	1,923	194	10	139	4,161	21.4	30	71%
WA 328	110	1,467	67	22	43	1,547	23.1	36	64%
WA 333	110	520	39	13	21	737	18.9	37	51%
WA 348	110	962	59	16	33	1,178	20.0	35	56%
WA 350	110	968	47	21	28	1,084	23.1	38	61%
<i>Average</i>		962	63	19	41		21.0	33	61%
<i>Total</i>		7,695	507			10,629		262	
Waters Hall Annex No. of Rooms = 1									
WAX 104	110	968	42	23	15	270	6.4	20	32%
<i>Average</i>		968	42	23	15		6.4	20	32%
<i>Total</i>		968	42			270		20	
Weber Hall No. of Rooms = 4									
WB 111	110	1,238	70	18	40	985	14.1	25	56%

Classroom Utilization Analysis by Building

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
WB 121	110	467	20	23	13	218	10.9	18	62%
WB 123	110	1,425	122	12	127	3,475	28.5	27	105%
WB 146	110	1,179	60	20	34	871	14.5	24	60%
<i>Average</i>		1,077	68	18	53		20.4	23	73%
<i>Total</i>		4,309	272			5,548		94	

Willard Hall									<i>No. of Rooms = 7</i>
W 025	110	557	35	16	18	467	13.3	28	48%
W 114	110	2,178	232	9	172	7,919	34.1	44	78%
W 115	110	571	44	13	24	1,091	24.8	47	53%
W 120	110	849	48	18	31	1,100	22.9	36	64%
W 122	110	865	44	20	25	482	11.0	20	55%
W 123	110	571	34	17	19	571	16.8	31	54%
W 218	110	685	47	15	32	1,073	22.8	31	75%
<i>Average</i>		897	69	15	46		26.2	34	62%
<i>Total</i>		6,276	484			12,703		237	

AVERAGE	922	56	19	36			20.3	29	65%
TOTAL	162,338	9,939				201,644		5,186	
NO. OF ROOMS	176								

Appendix C | Classroom Utilization by Centralized and Departmental

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
General Purpose									
									No. of Rooms = 125
Facilities Building Maintenance									
									No. of Rooms = 124
AK 120	110	2,273	195	12	112	5,072	26.0	41	63%
AK 221	110	1,191	90	13	60	2,266	25.2	36	69%
AK 231	110	565	58	10	26	542	9.3	26	36%
BH 101	110	2,476	248	10	180	6,740	27.2	37	73%
BH 107	110	459	30	15	18	624	20.8	34	61%
BH 108	110	459	35	13	19	620	17.7	29	60%
BH 109	110	387	35	11	10	241	6.9	24	29%
BH 111	110	560	39	14	22	528	13.5	23	59%
BH 112	110	618	46	13	18	551	12.0	28	43%
BH 113	110	560	39	14	22	857	22.0	38	58%
BH 114	110	386	25	15	10	169	6.8	17	40%
BH 122	110	814	39	21	19	744	19.1	37	52%
BH 123	110	596	41	15	17	421	10.3	24	44%
BT 114	110	880	74	12	38	1,025	13.9	27	51%
C 102	110	931	47	20	39	1,629	34.7	42	83%
C 116	110	915	47	19	36	1,626	34.6	45	77%
C 202	110	916	47	19	36	1,572	33.4	44	76%
C 208	110	952	47	20	34	1,720	36.6	49	75%
C 209	110	953	47	20	35	1,474	31.4	43	73%
C 211	110	938	47	20	36	1,595	33.9	44	76%
C 212	110	912	47	19	39	1,620	34.5	42	82%
C 217	110	914	47	19	31	1,224	26.0	39	67%
C 218	110	931	47	20	34	1,040	22.1	32	69%
CL 204	110	766	47	16	22	335	7.1	14	51%
CW 101	110	3,513	338	10	263	9,145	27.1	35	78%
CW 102	110	1,398	111	13	76	3,061	27.6	40	70%
CW 103	110	2,045	175	12	132	5,050	28.9	38	76%
CW 120	110	548	39	14	20	682	17.5	42	42%
CW 122	110	540	39	14	20	492	12.6	26	49%
CW 129	110	677	47	14	28	1,083	23.0	41	56%
CW 130	110	677	47	14	27	936	19.9	36	55%
CW 131	110	677	47	14	25	665	14.1	28	51%
CW 143	110	809	52	16	29	746	14.3	28	51%
CW 144	110	803	47	17	24	548	11.7	24	49%
CW 146	110	801	53	15	25	849	16.0	38	42%
CW 221	110	1,253	39	32	36	1,160	29.7	32	93%
CW 222	110	1,224	39	31	38	912	23.4	24	97%
D 106	110	698	39	18	21	773	19.8	38	52%
D 206	110	954	39	24	40	2,067	53.0	52	102%
D 207	110	1,151	37	31	35	1,564	42.3	46	92%
DF 134	110	1,794	48	37	36	1,159	24.1	31	78%
DU 1029	110	801	47	17	29	773	16.4	27	61%
DU 1041	110	450	27	17	18	371	13.7	21	65%
DU 1052	110	894	67	13	37	1,392	20.8	36	59%
DU 1061	110	686	47	15	19	533	11.3	28	41%
DU 1063	110	693	47	15	18	611	13.0	34	38%
DU 1066	110	1,364	91	15	52	1,871	20.6	35	59%

Classroom Utilization Analysis by Centralized and Departmental

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
DU 1069	110	400	22	18	14	263	12.0	19	63%
DU 1073	110	2,175	167	13	121	4,432	26.5	37	72%
EH 012	110	474	31	15	17	593	19.1	35	54%
EH 015	110	1,056	82	13	60	2,137	26.1	34	77%
EH 016	110	513	34	15	22	881	25.9	40	64%
EH 020	110	441	34	13	13	412	12.1	33	37%
EH 021	110	505	34	15	24	1,174	34.5	49	70%
EH 122	110	515	34	15	19	623	18.3	32	57%
EH 211	110	479	34	14	23	772	22.7	34	67%
EH 218	110	494	34	15	17	636	18.7	39	48%
EH 219	110	521	36	14	21	817	22.7	38	59%
EH 223	110	450	36	13	21	716	19.9	34	58%
EH 224	110	515	34	15	20	830	24.4	41	59%
EH 226	110	1,087	35	31	26	1,205	34.4	47	74%
EH 228	110	815	23	35	16	691	30.0	42	71%
ES 107C	110	407	27	15	21	635	23.5	31	76%
ES 108	110	473	29	16	24	795	27.4	34	82%
ES 123	110	453	29	16	21	512	17.7	25	71%
F 208	110	556	47	12	18	408	8.7	24	36%
F 212	110	550	29	19	15	321	11.1	21	53%
F 310	110	536	34	16	16	463	13.6	30	45%
GY 204	110	414	36	12	20	544	15.1	28	54%
GY 205	110	394	34	12	21	459	13.5	22	60%
JU 109	110	2,060	202	10	134	6,091	30.2	45	68%
JU 149	110	748	47	16	29	739	15.7	25	63%
JU 256	110	695	47	15	25	655	13.9	27	52%
JU 341	110	615	44	14	17	508	11.5	27	43%
K 004	110	2,159	151	14	101	3,468	23.0	33	69%
K 106	110	1,845	105	18	153	5,652	53.8	35	153%
K 210	110	695	47	15	25	776	16.5	30	54%
K 214	110	495	39	13	21	635	16.3	31	53%
K 216	110	374	24	16	16	544	22.7	36	63%
KF 120	110	1,513	64	24	42	1,164	18.2	27	67%
KG 004	110	1,163	86	14	53	1,614	18.8	29	65%
KG 209	110	964	44	22	14	515	11.7	36	32%
LS 001	110	721	39	18	24	769	19.7	32	61%
LS 010	110	1,122	47	24	20	717	15.3	37	41%
LS 013A	110	1,772	80	22	55	2,247	28.1	40	70%
LSP 112	110	701	25	28	13	352	14.1	27	52%
M 325	110	265	18	15	21	120	6.7	7	95%
MS 210	110	715	47	15	25	705	15.0	28	54%
MS 211	110	676	47	14	24	530	11.3	22	51%
MS 213	110	725	47	15	22	573	12.2	26	47%
NA 002	110	755	48	16	17	494	10.3	28	37%
S 063	110	2,816	258	11	137	6,047	23.4	44	54%
S 127	110	715	47	15	34	984	20.9	28	75%
S 130	110	352	23	15	17	436	19.0	24	79%
S 131	110	349	23	15	16	374	16.3	25	65%
S 132	110	1,084	72	15	51	1,864	25.9	36	72%
S 143	110	319	8	40	20	537	67.1	27	249%

Classroom Utilization Analysis by Centralized and Departmental

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
S 161	110	808	53	15	30	493	9.3	17	55%
S 162	110	478	31	15	16	306	9.9	20	49%
S 252	110	480	23	21	12	331	14.4	29	50%
SC 213	110	674	41	16	21	315	7.7	15	51%
SC 214	110	434	31	14	17	284	9.2	17	54%
T 101	110	1,264	101	13	73	2,987	29.6	41	72%
T 213	110	810	47	17	31	911	19.4	29	67%
TH 1012	110	439	29	15	13	337	11.6	25	46%
TH 1014	110	1,183	84	14	44	1,662	19.8	38	52%
TH 1018	110	2,210	170	13	105	2,987	17.6	25	69%
TH 1021	110	617	44	14	21	378	8.6	20	43%
VMT 201	110	2,790	186	15	117	1,292	6.9	11	63%
VMT 301	110	2,789	185	15	83	1,226	6.6	13	51%
W 025	110	557	35	16	18	467	13.3	28	48%
W 114	110	2,178	232	9	172	7,919	34.1	44	78%
W 115	110	571	44	13	24	1,091	24.8	47	53%
W 120	110	849	48	18	31	1,100	22.9	36	64%
W 123	110	571	34	17	19	571	16.8	31	54%
W 218	110	685	47	15	32	1,073	22.8	31	75%
WA 041	110	784	47	17	30	1,133	24.1	37	65%
WA 132	110	588	42	14	21	601	14.3	26	54%
WA 231	110	1,923	194	10	139	4,161	21.4	30	71%
WA 328	110	1,467	67	22	43	1,547	23.1	36	64%
WA 333	110	520	39	13	21	737	18.9	37	51%
WA 348	110	962	59	16	33	1,178	20.0	35	56%
WA 350	110	968	47	21	28	1,084	23.1	38	61%
WB 123	110	1,425	122	12	127	3,475	28.5	27	105%
<i>Average</i>		931	63	17	40		21.8	32	64%
<i>Total</i>		115,462	7,772			169,745		3,958	

Facilities Management

No. of Rooms = 1

W 122	110	865	44	20	25	482	11.0	20	55%
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General Purpose Summary

Average	931	63	17	40			21.8	32	64%
Total	116,327	7,816				170,227		3,978	

Departmental

No. of Rooms = 51

Agricultural Economics

No. of Rooms = 1

WAX 104	110	968	42	23	15	270	6.4	20	32%
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Agronomy

No. of Rooms = 1

TH 2501	110	975	24	41	22	424	17.7	20	88%
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Animal Sciences and Industry

No. of Rooms = 6

CL 140	110	770	30	26	16	349	11.6	21	56%
CL 205	110	1,458	50	29	35	484	9.7	13	74%
CL 226	110	1,052	49	21	30	720	14.7	24	61%
WB 111	110	1,238	70	18	40	985	14.1	25	56%

Classroom Utilization Analysis by Centralized and Departmental

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
WB 121	110	467	20	23	13	218	10.9	18	62%
WB 146	110	1,179	60	20	34	871	14.5	24	60%
<i>Average</i>		1,027	47	23	28		13.0	21	61%
<i>Total</i>		6,164	279			3,625		125	
Apparel, Textiles, and Interior Design									No. of Rooms = 1
JU 253	110	1,501	80	19	60	1,864	23.3	31	75%
Architectural Engineering and Construction Science and Management									No. of Rooms = 3
S 221	110	720	48	15	46	1,236	25.8	27	95%
S 236	110	823	36	23	29	921	25.6	32	80%
S 237	110	774	42	18	31	643	15.3	20	75%
<i>Average</i>		772	42	19	35		22.2	26	84%
<i>Total</i>		2,317	126			2,800		79	
Biological and Agricultural Engineering									No. of Rooms = 1
S 134	110	612	30	20	19	465	15.5	24	65%
Chemistry									No. of Rooms = 1
CBC 209	110	830	36	23	9	102	2.8	12	24%
Civil Engineering									No. of Rooms = 3
DU 0087	110	498	20	25	19	285	14.3	15	95%
DU 0088	110	789	24	33	25	447	18.6	18	103%
DU 2144	110	694	40	17	21	325	8.1	18	46%
<i>Average</i>		660	28	25	22		12.6	17	81%
<i>Total</i>		1,981	84			1,057		51	
Dean of Engineering									No. of Rooms = 1
DU 1107	110	3,114	155	20	99	2,453	15.8	24	66%
English									No. of Rooms = 1
ECS 017	110	1,047	34	31	24	1,210	35.6	50	71%
Grain Science and Industry									No. of Rooms = 2
SH 301	110	1,010	44	23	14	423	9.6	26	37%
SH 311	110	1,459	60	24	25	343	5.7	14	41%
<i>Average</i>		1,235	52	24	19		7.4	20	38%
<i>Total</i>		2,469	104			766		40	
History									No. of Rooms = 1
LS 112	110	721	30	24	11	96	3.2	9	36%
Horticulture, Forestry, and Recreation Resources									No. of Rooms = 1
TH 2413	110	647	24	27	15	128	5.3	10	53%

Classroom Utilization Analysis by Centralized and Departmental

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
Hospitality Management and Dietetics									No. of Rooms = 2
JU 150	110	578	11	53	14	309	28.1	21	134%
JU 247	110	959	70	14	50	1,797	25.7	36	71%
	<i>Average</i>	769	41	33	32		26.0	29	94%
	<i>Total</i>	1,537	81			2,106		57	
Human Nutrition									No. of Rooms = 1
JU 146	110	804	24	34	16	206	8.6	11	80%
Industrial and Manufacturing Systems Engineering									No. of Rooms = 1
DU 1027	110	864	50	17	36	912	18.2	26	70%
Interior Architecture and Product Design									No. of Rooms = 1
SC 101	110	554	10	55	9	308	30.8	36	87%
Mechanical and Nuclear Engineering									No. of Rooms = 1
WD 135	110	943	50	19	9	128	2.6	14	18%
Modern Languages									No. of Rooms = 5
EH 101	110	528	24	22	19	676	28.2	35	80%
EH 123	110	563	24	23	13	504	21.0	38	55%
EH 124	110	513	24	21	16	453	18.9	28	67%
EH 125	110	538	24	22	17	658	27.4	40	69%
EH 126	110	552	24	23	21	740	30.8	36	86%
	<i>Average</i>	539	24	22	17		25.3	35	71%
	<i>Total</i>	2,694	120			3,031		177	
Music									No. of Rooms = 3
M 104A	110	866	22	39	8	171	7.8	18	43%
M 105	110	1,115	49	23	18	683	13.9	31	45%
M 135	110	557	25	22	12	280	11.2	20	56%
	<i>Average</i>	846	32	28	13		11.8	23	48%
	<i>Total</i>	2,538	96			1,134		69	
Philosophy									No. of Rooms = 1
D 203	110	558	24	23	15	267	11.1	18	62%
Psychology									No. of Rooms = 2
BH 449	110	396	20	20	12	342	17.1	33	51%
BH 5102	110	617	45	14	28	959	21.3	29	74%
	<i>Average</i>	507	33	17	20		20.0	31	62%
	<i>Total</i>	1,013	65			1,301		62	
School of Family Studies and Human Services									No. of Rooms = 2
CCC 223	110	645	38	17	22	751	19.8	32	62%
JU 254	110	601	24	25	11	286	11.9	30	40%

Classroom Utilization Analysis by Centralized and Departmental

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
<i>Average</i>		623	31	21	17		16.7	31	51%
<i>Total</i>		1,246	62			1,037		62	
School of Leadership Studies									No. of Rooms = 5
LSP 111	110	750	25	30	17	440	17.6	27	65%
LSP 113	110	719	25	29	18	453	18.1	25	71%
LSP 114	110	2,297	212	11	116	1,383	6.5	12	54%
LSP 126	110	1,175	50	24	38	576	11.5	15	77%
LSP 127	110	1,192	50	24	28	566	11.3	21	54%
<i>Average</i>		1,227	72	23	44		9.4	20	65%
<i>Total</i>		6,133	362			3,418		100	
Sociology, Anthropology, and Social Work									No. of Rooms = 1
WA 201A	110	483	12	40	9	189	15.7	22	72%
Special Education, Counseling and Student Affairs									No. of Rooms = 2
BH 339	110	468	20	23	9	183	9.2	20	45%
BH 342	110	433	20	22	11	230	11.5	22	52%
<i>Average</i>		451	20	23	10		10.3	21	49%
<i>Total</i>		901	40			413		42	
Student Union									No. of Rooms = 1
UN 101	110	2,397	79	30	104	1,708	21.6	17	127%
Departmental Summary									
Average		902	42	25	26		14.8	24	66%
Total		46,011	2,123			31,416		1,208	
CAMPUS									
AVERAGE		922	56	19	36		20.3	29	65%
TOTAL		162,338	9,939			201,644		5,186	
NO. OF ROOMS		176							

Appendix D | Teaching Laboratory Utilization by College

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
CAS • Fine and Performing Arts									No. of Rooms = 15
BH 117	210	1,355	18	75	19	576	32.0	30	107%
M 127	210	418	12	35	11	86	7.2	8	90%
M 201	210	2,069	60	34	52	3,564	59.4	47	126%
M 204	210	2,108	100	21	51	1,604	16.0	36	45%
W 043	210	567	1	567	0	0	0.0	0	0%
W 201B	210	889	18	49	18	534	29.7	30	99%
W 204	210	607	16	38	17	306	19.1	18	106%
W 215	210	1,263	18	70	16	780	43.3	48	90%
W 216	210	1,863	18	104	11	198	11.0	18	61%
W 217	210	1,614	20	81	16	468	23.4	30	78%
W 220	210	899	18	50	18	540	30.0	30	100%
W 222	210	849	18	47	16	132	7.3	8	92%
W 318	210	877	14	63	13	234	16.7	18	93%
W 319	210	1,362	24	57	19	228	9.5	12	79%
W 320	210	1,385	24	58	17	102	4.3	6	71%
<i>Average</i>		1,208	25	90	20		24.7	23	91%
<i>Total</i>		18,125	379			9,352		339	
CAS • Sciences									No. of Rooms = 37
AK 112	210	1,379	24	57	19	285	11.9	15	79%
AK 114	210	1,393	40	35	38	608	15.2	16	95%
AK 121	210	1,167	24	49	12	144	6.0	12	50%
AK 123	210	1,373	40	34	39	1,137	28.4	29	98%
AK 144	210	808	12	67	7	78	6.5	12	54%
AK 146	210	1,161	18	65	12	210	11.7	18	65%
AK 147	210	1,168	18	65	17	156	8.7	9	96%
AK 148	210	1,142	18	63	16	390	21.7	24	90%
AK 219A	210	3,372	78	43	79	3,156	40.5	40	101%
AK 226	210	803	16	50	15	60	3.8	4	94%
AK 228	210	1,380	30	46	19	111	3.7	6	62%
AK 230	210	1,355	38	36	32	756	19.9	24	83%
CBC 229	210	807	8	101	6	46	5.8	8	72%
CBC 236	210	1,184	18	66	13	156	8.7	12	72%
CBC 312	210	1,284	16	80	13	325	20.3	25	81%
CBC 316	210	1,284	16	80	15	460	28.8	30	96%
CW 218	210	1,241	40	31	38	602	15.1	16	94%
CW 219	210	1,251	40	31	37	442	11.1	12	92%
CW 223	210	1,224	40	31	36	362	9.1	10	91%
GY 009A	210	794	18	44	17	696	38.7	40	97%
GY 010	210	720	20	36	17	489	24.5	27	91%
KG 101	210	840	18	47	16	492	27.3	30	91%
KG 102	210	837	18	47	17	513	28.5	30	95%
KG 103	210	840	18	47	15	402	22.3	27	83%
KG 106	210	831	18	46	15	312	17.3	21	83%
KG 107	210	816	18	45	16	378	21.0	24	88%
KG 201	210	840	18	47	17	312	17.3	18	96%

Teaching Laboratory Utilization Analysis by College / Unit

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
KG 202	210	837	18	47	17	297	16.5	18	92%
KG 203	210	840	18	47	14	249	13.8	18	77%
KG 205	210	829	18	46	17	468	26.0	27	96%
KG 206	210	816	18	45	17	468	26.0	27	96%
KG 207	210	817	18	45	18	324	18.0	18	100%
KG 302	210	840	16	53	0	0	0.0	0	0%
KG 312	210	156	18	9	0	0	0.0	0	0%
T 015	210	980	19	52	16	336	17.7	20	88%
T 109	210	924	30	31	25	1,088	36.3	43	84%
T 216	210	732	16	46	15	157	9.8	10	98%
<i>Average</i>		1,056	23	49	20		18.9	19	89%
<i>Total</i>		39,065	869			16,465		720	

CAS • Social Sciences									No. of Rooms = 7
K 107	210	937	18	52	15	360	20.0	24	83%
K 208	210	918	18	51	13	354	19.7	28	70%
K 220	210	401	18	22	14	264	14.7	18	81%
S 019	210	746	25	30	16	438	17.5	28	63%
S 164L	210	625	19	33	13	343	18.1	26	69%
WA 126	210	522	10	52	8	284	28.4	36	79%
WA 230	210	320	15	21	6	119	7.9	18	44%
<i>Average</i>		638	18	37	12		17.6	25	71%
<i>Total</i>		4,469	123			2,162		178	

College of Agriculture									No. of Rooms = 18
CL 156	210	1,063	21	51	20	227	10.8	12	90%
SH 110	210	1,566	20	78	19	222	11.1	12	93%
TH 1023	210	1,019	30	34	28	711	23.7	26	91%
TH 1026	210	589	11	54	0	0	0.0	0	0%
TH 1502	210	614	16	38	7	14	0.9	2	44%
TH 1506	210	990	32	31	20	99	3.1	6	52%
TH 1903	210	606	12	51	10	101	8.4	10	85%
TH 2022	210	909	18	51	15	146	8.1	10	81%
TH 2401	210	656	18	36	0	0	0.0	0	0%
TH 2402	210	831	18	46	6	34	1.9	7	28%
TH 2414	210	1,584	40	40	31	669	16.7	23	73%
TH 2509	210	947	18	53	17	170	9.4	10	94%
UM 317	210	486	15	32	14	81	5.4	6	90%
WA 009	210	1,278	24	53	12	186	7.8	15	52%
WA 124A	210	872	24	36	19	207	8.6	11	77%
WA 124B	210	594	12	50	9	67	5.6	7	80%
WAX 104B	210	893	30	30	19	445	14.8	27	55%
WB 136	210	737	24	31	16	76	3.1	5	70%
<i>Average</i>		902	21	44	14		9.0	10	74%
<i>Total</i>		16,234	383			3,454		188	

Teaching Laboratory Utilization Analysis by College / Unit

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
College of Architecture, Planning and Design <i>No. of Rooms = 12</i>									
S 204A	210	1,029	20	51	15	180	9.0	12	75%
S 204B	210	1,185	20	59	15	180	9.0	12	75%
S 205A	210	1,183	20	59	15	180	9.0	12	75%
S 205B	210	1,220	20	61	15	180	9.0	12	75%
S 205C	210	1,191	20	60	14	168	8.4	12	70%
S 206	210	1,181	15	79	13	210	14.0	15	93%
S 307	210	1,200	18	67	18	216	12.0	12	100%
S 308	210	950	18	53	17	204	11.3	12	94%
SC 106A	210	552	11	50	3	36	3.3	12	27%
SC 106B	210	912	15	61	9	36	2.4	4	60%
SC 109	210	1,225	18	68	16	192	10.7	12	89%
SC 111	210	1,670	16	104	25	300	18.8	12	156%
<i>Average</i>		1,125	18	64	15		9.9	12	84%
<i>Total</i>		13,498	211			2,082		139	
College of Business Administration <i>No. of Rooms = 1</i>									
C 306	210	1,297	30	43	24	805	26.8	33	81%
<i>Average</i>		1,297	30	43	24		26.8	33	81%
<i>Total</i>		1,297	30			805		33	
College of Education <i>No. of Rooms = 8</i>									
BH 121	210	1,355	20	68	18	330	16.5	18	92%
BH 217	210	786	32	25	24	755	23.6	33	71%
BH 225	210	1,023	40	26	24	787	19.7	32	61%
BH 241	210	667	14	48	14	113	8.1	8	100%
BH 242	210	1,112	24	46	24	353	14.7	15	98%
BH 256	210	861	30	29	22	723	24.1	33	73%
BH 343	210	1,043	30	35	21	265	8.8	13	70%
BH 344	210	1,095	60	18	39	1,358	22.6	37	61%
<i>Average</i>		993	31	37	23		18.7	24	73%
<i>Total</i>		7,942	250			4,684		190	
College of Engineering <i>No. of Rooms = 20</i>									
DU 0021	210	2,505	14	179	12	219	15.6	18	87%
DU 0037	210	913	18	51	5	75	4.2	15	28%
DU 0039	210	882	17	52	12	144	8.5	12	71%
DU 1026	210	279	5	56	5	78	15.6	15	104%
DU 2078	210	799	14	57	8	75	5.4	9	60%
DU 2094	210	616	12	51	14	371	30.9	28	110%
DU 3034	210	1,761	48	37	43	670	14.0	13	107%
DU 3037	210	931	16	58	12	105	6.6	9	73%
DU 3049	210	800	18	44	13	234	13.0	18	72%
DU 3056	210	1,767	48	37	45	1,053	21.9	23	95%
N 019	210	1,257	30	42	26	465	15.5	18	86%

Teaching Laboratory Utilization Analysis by College / Unit

Room Id	Room Use Code	Assignable Sq. Ft.	No. of Stations	Assignable Sq. Ft. Per Station	Average Enrollment	Weekly Student Contact Hours	Weekly Seat Hours	Weekly Room Hours	Hours in Use Student Station Occupancy %
N 021	210	1,266	40	32	19	783	19.6	39	50%
N 122	210	1,004	20	50	22	582	29.1	27	108%
S 222	210	849	20	42	19	168	8.4	9	93%
S 223A	210	698	20	35	18	335	16.8	19	88%
S 226A	210	639	20	32	14	176	8.8	18	49%
S 226B	210	538	40	13	37	292	7.3	8	91%
S 254H	210	1,212	28	43	30	631	22.5	23	98%
S 254I	210	1,355	29	47	23	811	28.0	35	80%
S 254J	210	1,203	26	46	35	210	8.1	6	135%
<i>Average</i>		1,064	24	50	21		15.5	18	83%
<i>Total</i>		21,274	483			7,477		362	

College of Human Ecology									No. of Rooms = 8
JU 115	210	952	19	50	18	429	22.6	24	96%
JU 250	210	1,496	19	79	15	276	14.5	18	81%
JU 252	210	1,437	19	76	18	420	22.1	24	92%
JU 301	210	885	20	44	16	288	14.4	18	80%
JU 327	210	1,284	20	64	20	153	7.7	8	96%
JU 329	210	1,152	20	58	17	304	15.2	18	84%
JU 349	210	689	35	20	25	425	12.1	16	77%
JU 351	210	718	17	42	17	102	6.0	6	100%
<i>Average</i>		1,077	21	54	18		14.2	16	87%
<i>Total</i>		8,613	169			2,397		131	

College of Veterinary Medicine									No. of Rooms = 3
VCS A101	210	2,595	130	20	0	0	0.0	0	0%
VMT 204	210	8,541	126	68	118	1,058	8.4	9	93%
VMT 304	210	8,578	126	68	111	1,332	10.6	12	88%
<i>Average</i>		6,571	127	52	76		6.3	7	90%
<i>Total</i>		19,714	382			2,390		21	

AVERAGE	1,165	25	54	20			15.6	18	84%
TOTAL	150,231	3,279				51,268		2,302	
NO. OF ROOMS	129								