

University of California
Classroom and Teaching Lab Utilization
Report

November 2023

FALL 2022 CLASSROOM AND TEACHING LABORATORY UTILIZATION UNIVERSITY OF CALIFORNIA

I. INTRODUCTION

The purpose of the report is to compare the utilization of specific types of rooms to established standards. This report provides useful information which, coordinated with other analyses, assists in the development and review of a campus capital program. In general, the data contained in the enclosed report reflect campus enrollments from the 2022 fall term.

II. THE STANDARDS

Each campus collects data about class schedules and class enrollment, combines these data with the inventory of rooms to which utilization standards apply, and then compares the resulting room utilization with the following legislatively approved standards:

- Classrooms: 35 weekly student contact hours per station
- Teaching Laboratories: 20 weekly student contact hours per station

These standards are based on (a) the expected number of hours a room is to be scheduled, and (b) the percentage of stations expected to be occupied when the room is scheduled.

Classrooms. The approved standard for classrooms, as established in 1970 in Assembly Concurrent Resolution 151, expects a room to be scheduled (on average) 75% of the 70 hours that fall between 8 a.m. and 10 p.m., Monday through Friday; i.e., 52.5 hours per week. During these scheduled hours, it is expected that two-thirds (66.7%) of the stations will be occupied. Combining the expectation of scheduling with the expectation of occupancy, one arrives at the standard of 35 weekly student contact hours per station (52.5 hours x 66.7%) occupancy for classrooms.

The classroom standard applies to all campus general-assignment and departmentally controlled classrooms and seminar rooms within general and professional instruction and research (I&R) programs. Excluded from this official submittal are health sciences, University Extension, and other non-standard programs and rooms (for example: physical education, military science, etc.). Presentation of classroom utilization in terms of the 35-hour standard complies with the supplemental language of the Budget Act of 1973.

Teaching Laboratories. The Supplemental Report to the 1973 Budget Act defined teaching laboratory standards for lower-division and upper-division teaching laboratories. UC does not distinguish among levels of instruction in its inventory of rooms, since teaching laboratories may serve each population in a given week, or even simultaneously, depending on class enrollment and scheduling. The average of the two standards (23.4 hours for lower division, 17.6 hours for upper division) results in 20 hours per week expected utilization, based on a 45-hour week, between 8 a.m. and 5 p.m., Monday through Friday.

The teaching laboratory standard applies to campus general assignment (if any) and departmentally

controlled class laboratories for both general and professional I&R programs. Excluded from this official submittal are health sciences, University Extension, and other non-standard programs and rooms. Also excluded from the attached report are special class laboratories (specially equipped labs serving a small number of courses, which for reasons of safety or expense cannot be used for other courses) and open laboratories, in which unscheduled but required instruction takes place, such as language labs, music studios, and self-instructional computer/media labs.

III. REPORT FORMAT

The tables on the first page of Appendix A present systemwide utilization statistics for classrooms and teaching laboratories. The remaining tables in Appendix A provide information for each campus, showing utilization by size of room. The formula used to calculate utilization is shown at the top of each column, and a definition of terms is included in Appendix B.

IV. CAVEATS ABOUT UTILIZATION DATA

The utilization standards are based on certain assumptions about class scheduling, room availability, and the nature of instruction. Campus practice in the use and scheduling of rooms and approaches to instruction may vary in a variety of ways from these assumptions. It is important to consider the following caveats when reviewing campus utilization reports, so as not to draw incorrect conclusions.

Room Availability. The utilization standards assume that classrooms and teaching laboratories serve a single purpose and are available exclusively for that purpose. However, there are departments that use the rooms within their control for multiple purposes. This leads to an efficient use of space within the department (for example, using a room for scheduled seminars, independent study, and departmental meetings), but limits the availability of the room for 100% scheduled instruction. Since utilization measures only the instructional activities in rooms, it is not correct to assume that low utilization means rooms are standing empty.

Scheduling Pattern. The standards are based on a presumption that courses are scheduled according to a predictable pattern, such as one-hour, Monday-Wednesday-Friday classes; or one- and-a-half hour, Tuesday-Thursday classes. Such a pattern allows for a simple "building block" approach to scheduling, with classes starting predictably on the hour or half-hour. When departments deviate from that practice, for example, by scheduling a three-hour lecture on Mondays only, it may be difficult to find courses for the corresponding time blocks on Wednesdays and Fridays. Another example of scheduling reality is that a course of study may not require laboratory experiences until the winter or spring quarter, making for uneven utilization patterns across the year.

Unscheduled Hours. Not all of a student's instructional time in a room is accounted for in utilization reports. For example, a course may have six hours a week of scheduled laboratory activity but will require an additional number of hours of unscheduled work in the same room. A student may have to return every few hours to continue work on an experiment or project. However, since these hours are not scheduled, they cannot be counted for utilization purposes. If a room is available for the student's required but unscheduled activities, it is unavailable for other courses.

Nature of Instruction. The way a course is taught may affect a room's utilization, particularly in teaching laboratories. The standards assume that all courses are taught in similar ways (i.e., students arrive in a room, conduct an experiment, clean up, and leave, making the room available for the next class). However, some courses require a set-up of apparatus or experiments that must remain in place for days, weeks, or even the duration of the quarter or semester. During the time they are set up, the room is not available to other courses for instruction.

Room Suitability. Two other factors affect whether the inventory of available classrooms and teaching laboratories is suitable to meet the curricular needs of programs. The first is "room fit" (i.e., whether there are enough rooms with the correct number of stations to match the class size). Classes with small enrollments may have to meet in rooms that are too large for them if there are not enough small classrooms available. Lack of suitable rooms may also require that lecture or discussion courses be scheduled in teaching laboratories. Such a situation may lead to "good" utilization for those laboratories but obscures the fact that the rooms are being used inappropriately.

A second factor, particularly in teaching laboratories but to some degree in classrooms, is the suitability of the design and equipment for the courses being offered. The availability or absence of certain technology equipment may affect utilization. Some teaching laboratories, which by definition are already limited to use by a single discipline, may be sufficiently specialized that it is difficult to schedule a large number of courses in them (although not so specialized as to qualify them for special laboratory status). This holds true particularly in the sciences and engineering, fields of study that increasingly require specialized rooms and equipment to teach even beginning students.

Preparation/Set-up Time. While utilization standards recognize to some extent that time is required to set up and clean-up the activities, the standards are only averages that may not reflect the requirements of some campus programs, which can be very elaborate and time-consuming. Also, if there is only limited staff assistance available, it takes longer to prepare the room, further limiting the time it is available.

Appropriateness of the Standard. The University agrees with the findings of the MGT review of space and utilization standards in the United States, as reported in the 1990 California Postsecondary Education Commission report, *A Capacity for Learning*, that a classroom utilization standard of 30 hours is more realistic than California's current standard of 35 hours. Among the reasons cited in this comprehensive report was the relationship of the support budget to utilization; that is, attempts to make any significant impact on utilization by offering more evening classes can place an undue strain on the support budget. The report also notes that full-time day students, such as university students, tend to extend their studies an extra term rather than attend evening classes. Thus, the expectations of the standard that classes be held until 10 p.m. in the evening are not reflective of actual attendance.

V. CONCLUSION

Utilization standards are a valuable tool for measuring the use of facilities. They have provoked discussions at each campus about how to find more efficient ways of scheduling courses and rooms, so as not to waste valuable facilities resources. Nevertheless, it is not appropriate to achieve maximum utilization at the expense of carefully thought-out programmatic and pedagogical choices. Utilization data goes only so far in evaluating the need for more or different instructional facilities, and academic choices about how best to teach must be respected.

UNIVERSITY OF CALIFORNIA
 UTILIZATION SUMMARY
 Fall 2022

UNIVERSITYWIDE

TABLE: Classroom Utilization

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
Berkeley	361	19,974	548,342	667,269	33.4	82.2%	27.5	78.4%
Davis	178	13,449	361,508	528,608	39.3	68.4%	26.9	76.8%
Irvine	159	11,414	311,928	457,840	40.1	68.1%	27.3	78.1%
Los Angeles	270	17,503	409,772	669,547	38.3	61.2%	23.4	66.9%
Merced	86	4,461	123,986	178,634	40.0	69.4%	27.8	79.4%
Riverside	94	7,227	220,328	309,719	42.9	71.1%	30.5	87.1%
San Diego	115	8,788	311,149	388,883	44.3	80.0%	35.4	101.2%
Santa Barbara	140	7,374	201,087	272,836	37.0	73.7%	27.3	77.9%
Santa Cruz	91	5,671	229,493	594,376	104.8	38.6%	40.5	115.6%

TABLE: Teaching Laboratory Utilization

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/20
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
Berkeley	83	3,840	52,085	87,201	22.7	59.7%	13.6	67.8%
Davis	111	2,846	54,655	62,121	21.8	88.0%	19.2	96.0%
Irvine	34	927	20,625	23,616	25.5	87.3%	22.2	111.2%
Los Angeles	58	1,401	21,700	29,525	21.1	73.5%	15.5	77.4%
Merced	35	1,168	20,397	25,491	21.8	80.0%	17.5	87.3%
Riverside	68	1,610	40,228	51,793	32.2	77.7%	25.0	124.9%
San Diego	47	1,184	24,139	25,638	21.7	94.2%	20.4	101.9%
Santa Barbara	72	1,890	31,263	41,423	21.9	75.5%	16.5	82.7%
Santa Cruz	53	1,182	19,236	25,064	21.2	76.7%	16.3	81.4%

UNIVERSITY OF CALIFORNIA
UTILIZATION BY CAMPUS
FALL 2022

BERKELEY

TABLE: Classroom Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	13	172	909	1,513	8.8	60.1%	5.3	15.1%
16 - 25	76	1,611	29,005	39,792	24.7	72.9%	18.0	51.4%
26 - 50	175	6,387	130,036	198,189	31.0	65.6%	20.4	58.2%
51 - 100	65	4,645	96,263	137,193	29.5	70.2%	20.7	59.2%
101 - 200	18	2,517	68,864	92,966	36.9	74.1%	27.4	78.2%
201 - 300	10	2,482	85,612	92,941	37.4	92.1%	34.5	98.6%
301 +	4	2,160	137,693	104,674	48.5	131.5%	63.7	182.1%
Total Campus	361	19,974	548,382	667,269	33.4	82.2%	27.5	78.4%

TABLE: Teaching Laboratory Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = E x F	H = G/20
Count	Number	Number	Wkly Student	Wkly	Weighted	% Station	Weekly Hrs	as % of
1 - 15	-	-	-	-	-	0.0%	0.0	0.0%
16 - 25	10	225	3,382	4,151	18.4	81.5%	15.0	75.2%
26 - 40	45	1,554	23,621	31,391	20.2	75.2%	15.2	76.0%
41 +	28	2,061	25,082	51,659	25.1	48.6%	12.2	60.8%
Total Campus	83	3,840	52,085	87,201	22.7	59.7%	13.6	67.8%

UNIVERSITY OF CALIFORNIA
UTILIZATION BY CAMPUS
FALL 2022

DAVIS

TABLE: Classroom Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	11	157	3,169	3,300	21.0	96.0%	20.2	57.7%
16 - 25	22	486	10,911	15,105	31.1	72.2%	22.5	64.1%
26 - 50	70	2,701	60,133	99,823	37.0	60.2%	22.3	63.6%
51 - 100	39	2,832	57,634	94,312	33.3	61.1%	20.4	58.1%
101 - 200	25	3,536	96,262	140,242	39.7	68.6%	27.2	77.8%
201 - 300	6	1,436	48,341	62,600	43.6	77.2%	33.7	96.2%
301 +	5	2,301	85,058	113,226	49.2	75.1%	37.0	105.6%
Total Campus	178	13,449	361,508	528,608	39.3	68.4%	26.9	76.8%

TABLE: Teaching Laboratory Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/20
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	6	75	682	624	8.3	109.3%	9.1	45.5%
16 - 25	71	1,624	32,111	32,421	20.0	99.0%	19.8	98.9%
26 - 40	28	857	19,476	24,172	28.2	80.6%	22.7	113.6%
41 +	6	290	2,386	4,904	16.9	48.7%	8.2	41.1%
Total Campus	111	2,846	54,655	62,121	21.8	88.0%	19.2	96.0%

UNIVERSITY OF CALIFORNIA
UTILIZATION BY CAMPUS
FALL 2022

IRVINE

TABLE: Classroom Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	0	0	0	0	0	0.0%	0.0	0.0%
16 - 25	35	813	16,901	23,753	29.2	71.2%	20.8	59.4%
26 - 50	58	2,081	45,858	69,112	33.2	66.4%	22.0	63.0%
51 - 100	40	2,774	67,248	98,647	35.6	68.2%	24.2	69.3%
101 - 200	14	1,769	55,489	82,305	46.5	67.4%	31.4	89.6%
201 - 300	5	1,304	44,384	67,272	51.6	66.0%	34.0	97.2%
301+	7	2,673	82,048	116,751	43.7	70.3%	30.7	87.7%
Total Campus	159	11,414	311,928	457,840	40.1	68.1%	27.3	78.1%

TABLE: Teaching Laboratory Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/20
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	0	0	0	0	0.0	0.0%	0.0	0.0%
16 - 25	25	572	12,973	14,916	26.1	87.0%	22.7	113.4%
26 - 40	4	119	1,993	2,076	17.4	96.0%	16.7	83.7%
41+	5	236	5,659	6,624	28.1	85.4%	24.0	119.9%
Total Campus	34	927	20,625	23,616	25.5	87.3%	22.2	111.2%

UNIVERSITY OF CALIFORNIA
UTILIZATION BY CAMPUS
FALL 2022

LOS ANGELES

TABLE: Classroom Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	12	180	1,416	2,043	11.4	69.3%	7.9	22.5%
16 - 25	51	1,052	21,001	29,387	27.9	71.5%	20.0	57.0%
26 - 50	116	4,452	95,909	152,929	34.4	62.7%	21.5	61.6%
51 - 100	54	4,107	74,553	142,406	34.7	52.4%	18.2	51.9%
101 - 200	22	3,016	84,215	128,833	42.7	65.4%	27.9	79.8%
201 - 300	8	2,040	57,954	90,583	44.4	64.0%	28.4	81.2%
301 +	7	2,656	74,724	123,366	46.4	60.6%	28.1	80.4%
Total Campus	270	17,503	409,772	669,547	38.3	61.2%	23.4	66.9%

TABLE: Teaching Laboratory Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/20
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	12	146	1,428	1,396	9.6	102.3%	9.8	48.9%
16 - 25	33	663	15,012	14,783	22.3	101.5%	22.6	113.2%
26 - 40	9	328	3,546	6,884	21.0	51.5%	10.8	54.1%
41 +	4	264	1,714	6,462	24.5	26.5%	6.5	32.5%
Total Campus	58	1,401	21,700	29,525	21.1	73.5%	15.5	77.4%

UNIVERSITY OF CALIFORNIA
UTILIZATION BY CAMPUS
FALL 2022

MERCED

TABLE: Classroom Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	2	24	214	444	18.5	48.2%	8.9	25.5%
16 - 25	38	881	22,087	30,026	34.1	73.6%	25.1	71.6%
26 - 50	25	839	26,957	38,028	45.3	70.9%	32.1	91.8%
51 - 100	11	858	19,813	29,924	34.9	66.2%	23.1	66.0%
101 - 200	7	980	26,178	39,802	40.6	65.8%	26.7	76.3%
201 - 300	2	502	22,464	31,550	62.8	71.2%	44.7	127.9%
301 +	1	377	6,273	8,860	23.5	70.8%	16.6	47.5%
Total Campus	86	4,461	123,986	178,634	40.0	69.4%	27.8	79.4%

TABLE: Teaching Laboratory Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/20
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	0	0	0	0	0.0	0.0%	0.0	0.0%
16 - 25	27	666	10,236	12,120	18.2	84.5%	15.4	76.8%
26 - 40	6	294	7,647	9,081	30.9	84.2%	26.0	130.1%
41 +	2	208	2,514	4,290	20.6	58.6%	12.1	60.4%
Total Campus	35	1,168	20,397	25,491	21.8	80.0%	17.5	87.3%

UNIVERSITY OF CALIFORNIA
UTILIZATION BY CAMPUS
FALL 2022

RIVERSIDE

TABLE: Classroom Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	3	40	260	2,940	73.5	8.8%	6.5	18.6%
16 - 25	5	116	3,114	3,524	30.4	88.4%	26.8	76.7%
26 - 50	52	1,856	50,299	77,341	41.7	65.0%	27.1	77.4%
51 - 100	18	1,279	39,874	56,239	44.0	70.9%	31.2	89.1%
101 - 200	7	974	31,259	42,817	44.0	73.0%	32.1	91.7%
201 - 300	5	1,356	46,377	62,607	46.2	74.1%	34.2	97.7%
301 +	4	1,606	49,146	64,251	40.0	76.5%	30.6	87.4%
Total Campus	94	7,227	220,328	309,719	42.9	71.1%	30.5	87.1%

TABLE: Teaching Laboratory Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/20
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	0	0	0	0	0.0	0.0%	0.0	0.0%
16 - 25	45	995	22,654	24,767	24.9	91.5%	22.8	113.8%
26 - 40	16	495	9,193	12,712	25.7	72.3%	18.6	92.9%
41 +	7	120	8,381	14,314	119.3	58.6%	69.8	349.2%
Total Campus	68	1,610	40,228	51,793	32.2	77.7%	25.0	124.9%

UNIVERSITY OF CALIFORNIA
UTILIZATION BY CAMPUS
FALL 2022

SAN DIEGO

Classroom Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	16	236	6,407	7,437	31.5	86.2%	27.1	77.6%
16 - 25	15	302	8,039	10,384	34.4	77.4%	26.6	76.1%
26 - 50	42	1,550	49,231	60,589	39.1	81.3%	31.8	90.7%
51 - 100	16	1,124	29,064	35,363	31.5	82.2%	25.9	73.9%
101 - 200	18	2,853	106,740	134,998	47.3	79.1%	37.4	106.9%
201 - 300	3	811	34,834	42,046	51.8	82.8%	43.0	122.7%
301+	5	1,912	76,834	98,066	51.3	78.3%	40.2	114.8%
Total Campus	115	8,788	311,149	388,883	44.3	80.0%	35.4	101.2%

Teaching Laboratory Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/20
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	0	0	0	0	0.0	0.0%	0.0	0.0%
16 - 25	37	861	18,267	18,054	21.0	101.2%	21.2	106.1%
26 - 40	9	281	5,560	6,828	24.3	81.4%	19.8	98.9%
41+	1	42	312	756	18.0	41.3%	7.4	37.1%
Total Campus	47	1,184	24,139	25,638	21.7	94.2%	20.4	101.9%

UNIVERSITY OF CALIFORNIA
UTILIZATION BY CAMPUS
FALL 2022

SANTA BARBARA

TABLE: Classroom Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	8	109	1,265	1,581	14.5	80.0%	11.6	33.2%
16 - 25	31	667	15,147	19,716	29.6	76.8%	22.7	64.9%
26 - 50	60	2,015	52,999	77,160	38.3	68.7%	26.3	75.1%
51 - 100	28	2,022	40,868	59,452	29.4	68.7%	20.2	57.7%
101 - 200	8	1,162	40,152	50,863	43.8	78.9%	34.6	98.7%
201 - 300	3	739	26,354	33,619	45.5	78.4%	35.7	101.9%
301 +	2	660	24,302	30,445	46.1	79.8%	36.8	105.2%
Total Campus	140	7,374	201,087	272,836	37.0	73.7%	27.3	77.9%

TABLE: Teaching Laboratory Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/20
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	5	56	574	573	10.2	100.2%	10.3	51.3%
16 - 25	34	745	15,678	18,554	24.9	84.5%	21.0	105.2%
26 - 40	29	877	11,607	16,754	19.1	69.3%	13.2	66.2%
41 +	4	212	3,404	5,542	26.1	61.4%	16.1	80.3%
Total Campus	72	1,890	31,263	41,423	21.9	75.5%	16.5	82.7%

UNIVERSITY OF CALIFORNIA
UTILIZATION BY CAMPUS
FALL 2022

SANTA CRUZ

TABLE: Classroom Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/35
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	4	53	236	530	10.0	44.5%	4.5	12.7%
16 - 25	30	659	14,213	19,380	29.4	73.3%	21.6	61.6%
26 - 50	32	1,197	50,104	74,861	62.5	66.9%	41.9	119.6%
51 - 100	12	914	23,926	44,889	49.1	53.3%	26.2	74.8%
101 - 200	7	987	43,170	62,666	63.5	68.9%	43.7	125.0%
201 - 300	3	706	32,074	45,591	64.6	70.4%	45.4	129.8%
301 +	3	1,155	65,770	346,459	300.0	19.0%	56.9	162.7%
Total Campus	91	5,671	229,493	594,376	104.8	38.6%	40.5	115.6%

TABLE: Teaching Laboratory Utilization by Room Size

	A	B	C	D	E = D/B	F = C/D	G = C/B or G = E x F	H = G/20
Station Count	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Wkly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	7	43	642	538	12.5	119.3%	14.9	74.7%
16 - 25	38	775	12,225	13,311	17.2	91.8%	15.8	78.9%
26 - 40	4	128	1,140	2,091	16.3	54.5%	8.9	44.5%
41 +	4	236	5,229	9,124	38.7	57.3%	22.2	110.8%
Total Campus	53	1,182	19,236	25,064	21.2	76.7%	16.3	81.4%

DEFINITION OF TERMS USED IN UTILIZATION TABLES

Fall Term - Indicates a snapshot date-in-time, the end of the third week of classes in the fall term, at which time data is collected for utilization reporting.

Room - Utilization data is reported for classrooms (i.e., classrooms and seminar rooms) and teaching laboratories for general and professional instruction and research programs.

Station - Student stations, usually chairs or stools--not the work area or set-up itself which two or more students may share. For example, a single computer may serve two student seats. The number of stations, in this case, equals two.

Weekly Student Contact Hours (WSCH) - The "workload" measurement of students, indicating the number of hours per week that each student is scheduled to attend a class in each of the facilities in which the class is scheduled. Weekly student contact hours are the products of class enrollments and weekly class hours. For example, a course that has 40 students and meets for three lecture hours and three lab hours per week generates 3×40 or 120 WSCH in lecture (classroom activity), and 3×40 or 120 WSCH in laboratory activity. Only those WSCH scheduled in classrooms, seminar rooms, and teaching laboratories are reported for utilization. There are no utilization standards for other types of rooms in which scheduled instruction may occur.

Weekly Room Hours (WRH) - Designates the time that a room is used on a weekly basis for the scheduled activities required for a course. (Also expressed as Weekly Station Hours.)

Percentage of Station Occupancy - The percentage of available stations occupied while the room is in use. An average is calculated by dividing the weekly student contact hours (WSCH) by the weekly room hours.

Average Weekly Station Hours - Also expressed as Average Weekly Student Contact Hours per Station, or Average Station Use. Calculated by dividing weekly student contact hours by the total number of stations, or by multiplying weekly room hours per room by the average station occupancy. The result is the room's utilization, which is compared to the standard for a room of its type.