Fall 2019 Instructional Space Usage Efficiency

Texas State University February 6, 2020



EXECUTIVE SUMMARY AND RECOMMENDATIONS

The Fall 2019 Instructional Space Usage Efficiency Report evaluates how well Texas State makes use of designated teaching facilities. The primary focus of the report is classrooms and class laboratories, however, other types of rooms (e.g. conference rooms, meeting rooms and special class laboratories) are also examined. Details presented include hours per week of scheduled instruction, percent of student stations occupied and classrooms in use by day of the week. The intent of the report is to document instructional space usage and identify potential areas for improvement.

The methodology used to calculate space usage efficiency (SUE) was developed by the Coordinating Board in May 2009. It is a multi-measure approach that evaluates three (3) distinct variables. The SUE measures are:

- Facilities Demand the global appropriateness of the university's roster of classrooms and class laboratories when compared to all scheduled courses that require rooms.
- Current Utilization Rate average weekly hours of instruction scheduled in classrooms and class laboratories.
- Average Percent Fill average percent of student stations occupied when a classroom or class laboratory is in use.

Points are awarded based on performance in each of the three variables and converted to a score by multiplying the points by a weighting factor. The scores are combined to determine an overall score for classrooms and an overall score for class labs. Additional information about data inputs is available in the Appendix.

For fall 2019, Texas State received an overall space usage efficiency score of 192 from the Coordinating Board for classroom and class laboratory efficiency. This is the first time the university did not achieve a perfect SUE score of 200 since the Coordinating Board introduced their model. The lower score was caused by a one (1) hour decline in Current Utilization Rate for Classrooms.

- Classroom Space Usage Efficiency: In order to attain a perfect score for classroom Facilities Demand an
 institution must average 45.0 hours of instruction per week; Texas State averaged 45 hours. A perfect
 score for classroom Current Utilization Rate requires an average of 38 hours of instruction per week;
 Texas State's average was 37 hours. A perfect score for classroom Average Percent Fill requires an
 average of 65% or more seats occupied; Texas State averaged 71%.
- Class Laboratory Space Usage Efficiency: In order to attain a perfect score for class laboratory Facilities Demand an institution must average 35.0 hours and above of instruction per week; Texas State averaged 48 hours. A perfect score for class laboratory Current Utilization Rate requires an average of 25 hours per week of instruction; Texas State averaged 38 hours. A perfect score for class laboratory Average Percent Fill requires an average of 75% or more seats occupied; Texas State averaged 76%.

RECOMMENDATIONS

The following recommendations are offered to ensure that Texas State meets or exceeds the space use efficiency benchmarks established by the Coordinating Board.

Increase the number of courses offered during the day in classrooms at the Avery Building. On average, only 15 hours of instruction were scheduled in the 23 classrooms at the Avery Building (23 hours below the Coordinating Board benchmark). Classrooms are fully utilized in the evening hours. Although the relocation of three departments from the College of Health Professions has improved classroom

utilization in the Avery Building, the overall current utilization rate is still less than 50% of the benchmark. The Average Percent Fill is 59% in Avery Building Classrooms (6% below the Coordinating Board benchmark).

- 2. Departments should closely follow the course scheduling rules that are stated by the Office of the Provost. These rules are designed to optimize student access to courses and maximize instructional space use. Details regarding the scheduling policy are available online at http://www.provost.txstate.edu/pps/policy-and-procedure-statements/4-teaching/pps4-12.html.
- 3. On average, only 32% of the San Marcos Campus classrooms are in use at 8:00 am Monday-Wednesday-Friday and only 59% of classrooms are in use on Tuesday-Thursday. There are classrooms available at 9:00 AM as well. Only 61% of the classrooms are in use at 9:00 AM on Monday-Wednesday-Friday. If morning times are difficult to make due to student interest, over 100 classrooms are available starting at 6:30 pm Monday-Thursday.
- 4. Departments could add Friday only classes if there is demand. Utilization of classrooms drops off dramatically at 11AM on Friday.
- 5. Departments should pay attention to Average Percent Fill. Anticipated enrollments should be matched to seating capacities as much as possible to avoid falling below the Coordinating Board measure of 65% occupancy. Eighty-one (81) classrooms of 209 (39%) in San Marcos had an Average Percent Fill less than 65%. Departments should carefully review the number of seats (SEATS) shown on table 8 and table 12 and notify Chris Reynolds (cr20@txstate.edu, 512-245-9177) if there are any discrepancies.

REVIEWING, COMPARING AND EXAMINING THE DATA

Table 1 reflects the base numbers used for the SUE calculations for fall 2019 and compares those numbers to the fall 2018 semester. As reported and certified in the CBM005, 5315 course sections (16,562 hours) were scheduled during the fall 2019 semester. When compared with fall 2018, the total number of courses offered at Texas State increased by 42 sections and total instructional hours offered increased by 35 hours. Classroom use decreased by 31 sections classroom and classroom instructional hours decreased by 187 hours. Class laboratory use increased by 39 sections and class lab instructional hours increased by 62 hours. Sections taught in rooms not designated as classrooms or class laboratories increased by 34 sections and hours taught in these rooms increased by 160 hours. Stacked courses increased by 33 sections and 88 hours.

Table 1: Instructional Hours and Sections, Fall 2019 and Fall 2018

	201	.9	201	8		-2018 ARISON
	SECTIONS	HOURS	SECTIONS	HOURS	SECTIONS	HOURS
CLASSROOMS	3125	9032	3156	9219	-31	-187
CLASS LABORATORIES	1556	5541	1517	5479	+39	+62
OTHER ROOM TYPES	634	1989	600	1829	+34	+160
Total	5315	16562	5273	16527	+42	+35
STACKED	335	1268	302	1180	+33	+88
COURSES NOT INCLUDED IN SUE CALCULATIONS	1980		1994		-14	

SPACE USAGE EFFICIENCY MEASUREMENTS

Facilities Demand defines the global appropriateness of the teaching facilities compared to the academic activities that require rooms. It connects supply (number of classrooms or class labs) with demand (number of academic activities scheduled that require rooms). To calculate the demand measure, the total hours of classroom-type activity taught anywhere on campus (not just classrooms) is divided by the total number of classrooms. The same process is used for the lab activities. The benchmark to receive the maximum points for this variable is to average 45 hours and above per week for classroom activity and 35 hours and above per week for class laboratory activity.

Table 2 on the next page shows the scoring and weight of the Facilities Demand variable as defined by the Coordinating Board. Texas State's hours per week (HPW) for classrooms was 45 (equal to the benchmark for maximum points) and the hours per week for class labs was 48 (13 hours above the benchmark for maximum points). The result for Texas State was a perfect score of 36 in both categories. For comparison purposes, in 2018 Texas State averaged 45 hours for Classroom Facilities Demand and 47 hours in Class Laboratory Facilities Demand.

Table 2: Facilities Demand Scoring

Classroom (TXST Hours Per Week =45)			Class Laboratory (TXST Hours Per Week = 48)				
Hours Per Week	Points	Score (weight =9)	Hours Per Week	Points	Score (weight =9)		
45.0 and above	4	36	35.0 and above	4	36		
38.0-44.9	3	27	30.0-34.9	3	27		
31.0-37.9	2	18	25.0-29.9	2	18		
Below 31.0	1	9	Below 25.0	1	9		

Current Utilization Rate counts course sections taught in classrooms and class laboratories; the total number of weekly minutes taught in classrooms and class laboratories is divided by 50 (number of minutes in an hour accounting for passing and room transition time) and then divided by the number of classrooms or class laboratories in the facilities inventory (stacked hours are excluded from the calculation). The Coordinating Board's utilization benchmarks are 38 hours and above of scheduled instruction per week for classrooms and 25 hours and above of scheduled instruction per week for class labs.

Table 3 shows the scoring and weight of the Utilization variable as defined by the Coordinating Board. Texas State's average hours per week of instruction for classrooms was 37 hours (one hour below the benchmark for maximum points) and the average hours per week of instruction for class labs was 38 hours (13 hours above the benchmark for maximum points). The result for Texas State was a score of 24 for classroom utilization and a score of 32 class lab utilization. For comparison purposes, in 2018 Texas State averaged 38 hours in both classroom and class lab utilization.

Table 3: Utilization Rate Scoring

Classroom (TXST Hours Pe	er Week = 37)	Class Laboratory (TXST Hours Per Week = 38)				
Hours Per Week	Points	Score (weight =8)	Hours Per Week	Points	Score (weight =8)		
38.0 and above	4	32	25.0 and above	4	32		
34.0-37.9	3	24	20.0-24.9	3	24		
30.0-33.9	2	16	15.0-19.9	2	16		
Below 30	1	8	Below 15	1	8		

Tables 4 and 5 provide a five-year history of Texas State's utilization rates.

Table 4: Classroom Utilization (2015-2019)

	Classrooms	Average (50 Min) Hours	CB Utilization	Classrooms	Average Hours Per Classroom	Utilization Rate without
		Per Classroom	Standard	without Round Rock	without Round Rock	Round Rock
2019	232	37.1	98%	209	39.5	104%
2018	234	37.7	99%	209	40.2	106%
2017	228	39.3	103%	202	42.5	112%
2016	227	39.9	105%	201	43.1	113%
2015	232	39.7	104%	207	42.7	112%

Table 5: Class Laboratory Utilization (2015-2019)

	Class Labs	Average Hours	CB Utilization
		Per Class Lab	Standard
2019	129	37.7	151%
2018	129	37.5	150%
2017	128	37.1	148%
2016	124	37.6	150%
2015	115	38.5	154%

Average Percent Fill assesses the number of seats in a classroom or class laboratory that are occupied when the rooms are in use. The Coordinating Board added this variable to the SUE Model in order to determine the appropriateness of use, the need for additional facilities, and opportunities for optimization. Average Percent Fill is computed by determining a student station occupancy rate (SSO) for each course period that is scheduled in a classroom or a class laboratory. SSO is a percentage equal to the sum of enrollment divided by available seats. The course period SSO percentage is rounded to the nearest hundredth and multiplied by the number of times the course meets each week. The products of the SSO multiplied by occurrences are totaled by space use (i.e. classroom or class laboratory) and divided by the total number of occurrences in each type of room. The Average Percent Fill benchmarks set by the Coordinating Board are 65% and above for classrooms and 75% and above for class laboratories.

Table 6 shows the scoring and weight of the Average Percent Fill variable as defined by the Coordinating Board. Texas State's Average Percent Fill for classrooms is 71% (6 percentage points above the benchmark for maximum points) and 76% for class laboratories (1 percentage point above the benchmark for maximum points). The result for Texas State was a perfect score of 32 in both categories. For comparison purposes, in 2018 Texas State's Average Percent Fill for classrooms was also 71% and the Average Percent Fill for class laboratories was 77%.

Table 6: Average Percent Fill Scoring

Classroom (TX	ST Average Pe	ercent Fill = 71%)	Class Laboratory (TXST Average Percent Fill = 76%)				
Percent of Seats	Points	Score (weight =8)	Percent of Seats	Points	Score (weight =8)		
65% and above	4	32	75% and above	4	32		
55.0%-64.9%	3	24	65.0% -74.9%	3	24		
45.0%-54.9%	2	16	55.0%-64.9%	2	16		
Below 45%	1	8	Below 55.0%	1	8		

Table 7 below (page 8) shows classroom sections, hours and percent fill grouped by seating capacities.

Table 7: Distribution of Course Sections, Average Weekly Instructional Hours and Average Percent Fill by Classroom Seating Capacity

SEATS	CLASSROOMS	SECTIONS	HOURS	AVERAGE HOURS	AVERAGE PERCENT FILL
25 or less	31	445	1201	38.7	100%
26 – 50	124	1692	4495	36.3	68%
51 – 75	27	366	1063	39.4	59%
76 – 100	24	266	778	32.4	62%
101 – 125	12	143	409	34.1	71%
126 – 150	4	54	169	42.3	89%
151 – 175	2	34	104	51.9	75%
176 – 200	1	15	47	47.4	92%
Over 200	7	110	329	47.1	88%

For fall 2019, classrooms with 26-50 seats, 76-100 seats, and 101-125 fell below the Coordinating Board benchmark for Average Weekly Instructional Hours (38 hours) and classrooms with 51-75 seats and 76-100 seats fell below the benchmark (65%) for Percent Fill.

CLASSROOM UTILIZATION AND AVERAGE PERCENT FILL

A classroom is defined by the Coordinating Board as a room "used for scheduled instruction referred to as lecture rooms, demonstration rooms, seminar rooms, and general-purpose classrooms. Classrooms can be equipped with tablet armchairs, tables and chairs (as in a seminar room), or similar types of seating. They also can be furnished with special equipment, including multimedia or telecommunications equipment, appropriate to a specific area of study if the room is suitable for use by other classes."

In fall 2018 there were 234 classrooms on inventory. The following space use changes were made for fall 2019. The net result is 232 classrooms.

- Rooms removed from the inventory of classrooms:
 - Avery Building 364- Reclassified to a Study Room
 - Avery Building 366- Reclassified to a Study Room
 - o Bruce and Gloria Ingram Hall 4102- Reclassified to a Meeting Room
 - o Centennial Hall 410- Reclassified to a Research Lab
 - Encino Hall 233- Reclassified to a Meeting Room (Faculty Development)
 - o Roy F. Mitte 5242- Closed for building reconfiguration project
- Rooms added to the inventory of classrooms:
 - Encino Hall 104- Remodeled and reclassified to a classroom
 - o Encino Hall 204- Remodeled and reclassified to a classroom
 - o Encino Hall 234- Remodeled and reclassified to a classroom
 - Hines Academic Center 103- Remodeled and reclassified to a classroom

Table 8 below provides the number of sections (SECTS), instructional hours per week (HRS), utilization rate (UTIL), seating capacity (SEATS), Average Percent Fill (PF) and primary department for each designated classroom listed in the facilities inventory for fall 2019.

Table 8: Classroom Utilization Rate and Average Percent Fill by Building and Room

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
ACADEMIC SERVICES BUILDING NORTH	150	7	22.2	58%	110	56%	CURRICULUM & INSTRUCTION
ACADEMIC SERVICES BUILDING NORTH	353	17	40	105%	23	81%	HONORS COLLEGE
ACADEMIC SERVICES BUILDING NORTH	407	24	51.8	136%	25	69%	CURRICULUM & INSTRUCTION
ACADEMIC SERVICES BUILDING NORTH	408	23	42.4	112%	25	79%	CURRICULUM & INSTRUCTION
ACADEMIC SERVICES BUILDING SOUTH	112	35	35	92%	30	73%	UNIVERSITY SEMINAR
ACADEMIC SERVICES BUILDING SOUTH	300	16	47.6	125%	263	85%	BIOLOGY
AGRICULTURE	202	10	30.2	79%	48	64%	AGRICULTURE
AGRICULTURE	204	14	36.2	95%	113	55%	AGRICULTURE
AGRICULTURE	221	7	14.4	38%	36	62%	AGRICULTURE
ALBERT B. ALKEK LIBRARY	250	16	44.2	116%	386	93%	REGISTRAR
AVERY BUILDING	123	8	27.2	72%	33	53%	ROUND ROCK
AVERY BUILDING	204	4	13.4	35%	36	44%	ROUND ROCK
AVERY BUILDING	301	8	17	45%	49	75%	ROUND ROCK
AVERY BUILDING	308	3	10.2	27%	36	27%	ROUND ROCK
AVERY BUILDING	312	4	13.2	35%	31	76%	ROUND ROCK
AVERY BUILDING	313	4	15.4	41%	28	70%	ROUND ROCK
AVERY BUILDING	318	6	20	53%	36	56%	ROUND ROCK
AVERY BUILDING	357	10	23.4	62%	30	42%	ROUND ROCK
AVERY BUILDING	358	4	13.4	35%	32	48%	ROUND ROCK

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
AVERY BUILDING	362	5	14.8	39%	32	74%	ROUND ROCK
AVERY BUILDING	363	2	6.8	18%	36	32%	ROUND ROCK
AVERY BUILDING	368	6	20.4	54%	35	49%	ROUND ROCK
AVERY BUILDING	403	7	17.2	45%	48	68%	ROUND ROCK
AVERY BUILDING	404	4	13.8	36%	48	68%	ROUND ROCK
AVERY BUILDING	405	6	19.2	51%	48	70%	ROUND ROCK
AVERY BUILDING	406	5	16.2	43%	48	65%	ROUND ROCK
AVERY BUILDING	407	6	16.4	43%	45	89%	ROUND ROCK
AVERY BUILDING	408	4	10	26%	48	78%	ROUND ROCK
AVERY BUILDING	414	1	3.4	9%	22	32%	ROUND ROCK
AVERY BUILDING	420	6	17	45%	32	43%	ROUND ROCK
AVERY BUILDING	451	3	10.2	27%	40	61%	ROUND ROCK
AVERY BUILDING	453	3	10.2	27%	46	53%	ROUND ROCK
AVERY BUILDING	455	6	15.4	41%	48	74%	ROUND ROCK
BRUCE AND GLORIA INGRAM HALL	3101	9	28.6	75%	72	70%	PHYSICS
BRUCE AND GLORIA INGRAM HALL	3102	13	41	108%	48	65%	MATHEMATICS
BRUCE AND GLORIA INGRAM HALL	3103	11	34.8	92%	48	69%	MATHEMATICS
BRUCE AND GLORIA INGRAM HALL	3104	11	28.8	76%	100	60%	COMPUTER SCIENCE
BRUCE AND GLORIA INGRAM HALL	3105	13	41	108%	48	66%	MATHEMATICS
BRUCE AND GLORIA INGRAM HALL	3203	19	32.4	85%	25	59%	BIOLOGY
BRUCE AND GLORIA INGRAM HALL	3204	13	41	108%	48	72%	MATHEMATICS
BRUCE AND GLORIA INGRAM HALL	3207	14	37.2	98%	48	73%	INGRAM SCHOOL OF ENGR
BRUCE AND GLORIA INGRAM HALL	4101	8	28.8	76%	72	67%	PHYSICS
BRUCE AND GLORIA INGRAM HALL	4104	12	31.8	84%	102	52%	BIOLOGY
CENTENNIAL HALL	100	14	41.8	110%	32	64%	MODERN LANGUAGE
CENTENNIAL HALL	101	15	45.4	119%	32	74%	MODERN LANGUAGE
CENTENNIAL HALL	102	20	50	132%	33	92%	COMMUNICATION STUDIES
CENTENNIAL HALL	103	18	51.4	135%	44	75%	COMMUNICATION STUDIES
CENTENNIAL HALL	106	13	34.2	90%	27	71%	MODERN LANGUAGE
CENTENNIAL HALL	157	15	44.2	116%	387	92%	REGISTRAR
CENTENNIAL HALL	215	13	40.8	107%	38	63%	MODERN LANGUAGE
CENTENNIAL HALL	217	13	39.4	104%	35	69%	MODERN LANGUAGE
CENTENNIAL HALL	218	14	39.6	104%	30	58%	MODERN LANGUAGE
CENTENNIAL HALL	318	16	47.8	126%	36	86%	COMMUNICATION STUDIES
CENTENNIAL HALL	400	17	48.6	128%	32	72%	COMMUNICATION STUDIES
CENTENNIAL HALL	402	21	57.8	152%	30	100%	COMMUNICATION STUDIES
CENTENNIAL HALL	G01	13	37.8	99%	114	71%	CHEMISTRY
CHEMISTRY	100	13	39.2	103%	115	68%	CHEMISTRY
COLLEGE OF EDUCATION	1007	8	25.8	68%	107	70%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	2127	13	44.2	116%	48	58%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	2128	15	36.4	96%	48	77%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3038	10	27.8	73%	40	59%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3039	22	49.6	131%	32	74%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3041	23	57	150%	33	75%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3066	16	45.6	120%	40	61%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3068	24	38.4	101%	26	98%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3069	22	56.8	149%	24	85%	CURRICULUM & INSTRUCTION

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
COLLEGE OF EDUCATION	4005	18	38.2	101%	39	71%	CLAS
COLLEGE OF EDUCATION	4007	13	40.4	106%	40	71%	CLAS
COLLEGE OF EDUCATION	4008	11	34.2	90%	44	61%	CLAS
COLLEGE OF EDUCATION	4009	18	45.8	121%	34	100%	CLAS
COLLEGE OF EDUCATION	4039	16	34.6	91%	35	82%	CLAS
COMAL	103	20	53.1	140%	25	74%	PHILOSOPHY
COMAL	201	19	56	147%	50	75%	PHILOSOPHY
DERRICK HALL	111	18	50	132%	25	84%	PHILOSOPHY
DERRICK HALL	113	15	47.4	125%	178	92%	MATHEMATICS
DERRICK HALL	117	13	40.8	107%	40	85%	MATHEMATICS
DERRICK HALL	118	12	33.4	88%	26	94%	MODERN LANGUAGE
DERRICK HALL	119	16	37.6	99%	25	90%	MODERN LANGUAGE
DERRICK HALL	120	18	42.2	111%	30	69%	MATHEMATICS
DERRICK HALL	121	12	35	92%	30	76%	MATHEMATICS
DERRICK HALL	227	6	16.2	43%	79	63%	SOCIOLOGY
DERRICK HALL	229	11	29.8	78%	40	62%	PSYCHOLOGY
DERRICK HALL	230	33	35.4	93%	30	70%	UNIVERSITY SEMINAR
DERRICK HALL	234	15	38.2	101%	70	87%	COMPUTER SCIENCE
DERRICK HALL	235	18	48.6	128%	38	80%	COMPUTER SCIENCE
DERRICK HALL	239	35	37.4	98%	24	91%	UNIVERSITY SEMINAR
DERRICK HALL	240	16	49.4	130%	60	69%	COMPUTER SCIENCE
DERRICK HALL	241	17	49.4	130%	48	75%	PHILOSOPHY
DERRICK HALL	326	15	43	113%	49	71%	PHILOSOPHY
DERRICK HALL	328	15	47.6	125%	44	77%	MATHEMATICS
DERRICK HALL	329	10	31.6	83%	92	68%	SOCIOLOGY
DERRICK HALL	330	14	44.2	116%	44	72%	MATHEMATICS
DERRICK HALL	331	16	50.4	133%	45	75%	MATHEMATICS
DERRICK HALL	332	15	47.4	125%	47	76%	MATHEMATICS
DERRICK HALL	333	15	47.4	125%	49	63%	MATHEMATICS
DERRICK HALL	334	16	50.8	134%	40	82%	MATHEMATICS
DERRICK HALL	336	17	50.8	134%	49	68%	MATHEMATICS
EMMETT & MIRIAM McCOY HALL	105	21	57.2	151%	48	66%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	111	15	48	126%	58	51%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	113	16	50.8	134%	58	58%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	119	21	65.6	173%	246	73%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	124	13	41.2	108%	60	84%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	125	13	41.6	109%	60	49%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	126	19	52.2	137%	98	62%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	127	13	41.2	108%	98	88%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	222	21	54.2	143%	42	66%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	223	16	52.6	138%	42	65%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	224	13	40.8	107%	42	61%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	225	16	51.2	135%	42	86%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	233	18	48.4	127%	155	84%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	240	15	47.4	125%	55	84%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	241	13	41.8	110%	55	80%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	242	16	46.4	122%	94	37%	COLLEGE OF BUSINESS

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
EMMETT & MIRIAM McCOY HALL	243	16	51.4	135%	88	55%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	333	21	48.4	127%	36	76%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	335	15	48	126%	36	87%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	337	16	51.4	135%	42	89%	COLLEGE OF BUSINESS
ENCINO HALL	104	8	16	42%	112	60%	COLLEGE OF HEALTH PROF
ENCINO HALL	141	10	24.8	65%	37	76%	COLLEGE OF HEALTH PROF
ENCINO HALL	143	18	54.4	143%	66	49%	COLLEGE OF HEALTH PROF
ENCINO HALL	204	14	33.4	88%	35	91%	REGISTRAR
ENCINO HALL	213	18	53.4	141%	37	70%	SOCIAL WORK
ENCINO HALL	214	16	47	124%	37	59%	SOCIAL WORK
ENCINO HALL	216	14	30.6	81%	32	78%	COLLEGE OF HEALTH PROF
ENCINO HALL	230	11	33.8	89%	73	57%	COLLEGE OF HEALTH PROF
ENCINO HALL	234	11	32	84%	53	69%	COLLEGE OF HEALTH PROF
EVANS LIBERAL ARTS	114	10	26.8	71%	109	91%	ANTHROPOLOGY
EVANS LIBERAL ARTS	116	13	41.2	108%	131	89%	GEOGRAPHY
EVANS LIBERAL ARTS	118	11	35	92%	129	96%	PSYCHOLOGY
EVANS LIBERAL ARTS	218	6	15.2	40%	80	54%	POLITICAL SCIENCE
EVANS LIBERAL ARTS	220	14	33.8	89%	35	86%	ANTHROPOLOGY
EVANS LIBERAL ARTS	225	11	28.9	76%	80	51%	ANTHROPOLOGY
EVANS LIBERAL ARTS	229	7	16.8	44%	49	54%	ANTHROPOLOGY
EVANS LIBERAL ARTS	283A	13	28.2	74%	30	85%	PSYCHOLOGY
EVANS LIBERAL ARTS	283B	14	39	103%	30	97%	PSYCHOLOGY
EVANS LIBERAL ARTS	311	15	43.6	115%	61	63%	GEOGRAPHY
EVANS LIBERAL ARTS	312	15	34.4	91%	43	42%	GEOGRAPHY
EVANS LIBERAL ARTS	315	17	40.8	107%	35	64%	GEOGRAPHY
EVANS LIBERAL ARTS	316	15	42.8	113%	63	42%	GEOGRAPHY
FAMILY & CONSUMER SCIENCES	135	9	25.6	67%	85	61%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	158	12	37.4	98%	115	93%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	182	17	31	82%	30	69%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	183	8	24.2	64%	30	82%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	188	17	45	118%	67	59%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	189	16	38	100%	67	64%	FAMILY AND CONSUMER SCI
FLOWERS HALL	107	15	47.4	125%	21	92%	ENGLISH
FLOWERS HALL	111	16	50.8	134%	25	77%	ENGLISH
FLOWERS HALL	112	15	47.2	124%	21	93%	ENGLISH
FLOWERS HALL	113	14	44.2	116%	45	44%	ENGLISH
FLOWERS HALL	127	12	38	100%	25	81%	ENGLISH
FLOWERS HALL	128	13	41	108%	21	89%	ENGLISH
FLOWERS HALL	129	10	32	84%	25	80%	ENGLISH
FLOWERS HALL	130	11	32	84%	57	39%	ENGLISH
FLOWERS HALL	224	11	35	92%	25	83%	ENGLISH
FLOWERS HALL	225	11	35	92%	25	89%	ENGLISH
FLOWERS HALL	226	12	38.2	101%	25	92%	ENGLISH
FLOWERS HALL	227	12	38.6	102%	27	70%	ENGLISH
FLOWERS HALL	228	10	31.8	84%	25	82%	ENGLISH
FLOWERS HALL	229	10	32.4	85%	59	36%	ENGLISH
FLOWERS HALL	252	13	41.4	109%	25	82%	ENGLISH

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
FLOWERS HALL	254	10	32	84%	25	88%	ENGLISH
FLOWERS HALL	255	10	31.8	84%	21	97%	ENGLISH
FLOWERS HALL	256	9	28.8	76%	25	81%	ENGLISH
FLOWERS HALL	341	14	44.4	117%	205	87%	ENGLISH
FLOWERS HALL	G05	17	50.8	134%	21	91%	ENGLISH
FLOWERS HALL	G06C	13	41.4	109%	21	93%	ENGLISH
FLOWERS HALL	G12	15	47.4	125%	21	94%	ENGLISH
FREEMAN AQUATIC BIOLOGY	102	8	12.8	34%	60	60%	BIOLOGY
HINES ACADEMIC CENTER	103	13	39.4	104%	40	57%	CRIMINAL JUSTICE
HINES ACADEMIC CENTER	201	6	13.8	36%	78	49%	REGISTRAR
HINES ACADEMIC CENTER	202	6	13.8	36%	80	62%	REGISTRAR
HINES ACADEMIC CENTER	203	13	42.2	111%	79	39%	CRIMINAL JUSTICE
HINES ACADEMIC CENTER	204	12	35.4	93%	142	79%	JOURNALISM & MASS COMM
HINES ACADEMIC CENTER	205	13	41	108%	122	87%	CRIMINAL JUSTICE
HINES ACADEMIC CENTER	206	12	38	100%	98	63%	CRIMINAL JUSTICE
HINES ACADEMIC CENTER	207	11	35.6	94%	92	57%	CRIMINAL JUSTICE
JEROME & CATHERINE SUPPLE SCIENCE	112	12	37.2	98%	100	91%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	116	16	48.6	128%	238	88%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	153	13	23.4	62%	41	56%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	257	14	32	84%	58	42%	BIOLOGY
JOANN COLE MITTE	2118	6	18	47%	21	70%	ART
JOANN COLE MITTE	2121	16	55.4	146%	165	66%	ART
JOANN COLE MITTE	4113	5	34	89%	22	60%	ART
JOWERS CENTER	A202	18	45.6	120%	72	60%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A203	15	44.4	117%	49	56%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A204	13	34.2	90%	49	63%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A205	17	50.8	134%	42	60%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A206	16	44	116%	49	54%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A207	15	38.2	101%	55	41%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A209	12	31.4	83%	89	68%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A210	13	42	111%	60	50%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A211	17	48.2	127%	70	59%	HEALTH/HUMAN PERFORMANCE
LAMPASAS HALL	502B	16	41.2	108%	21	78%	HONORS COLLEGE
LBJ STUDENT CENTER	4-16.1	12	34.8	92%	398	100%	REGISTRAR
MUSIC	122	11	32.2	85%	30	64%	MUSIC
MUSIC	123	12	34.5	91%	28	64%	MUSIC
MUSIC	124	19	46.2	122%	28	49%	MUSIC
MUSIC	125	11	34.4	91%	40	36%	MUSIC
MUSIC	214	13	39.8	105%	62	40%	MUSIC
NUECES	201	17	43.4	114%	30	61%	SOCIAL WORK
NUECES	270	17	53.6	141%	36	61%	SOCIAL WORK
OLD MAIN	201	22	51	134%	49	41%	JOURNALISM & MASS COMM
OLD MAIN	232	23	51	134%	49	40%	JOURNALISM & MASS COMM
OLD MAIN	234	9	23.2	61%	77	44%	JOURNALISM & MASS COMM
OLD MAIN	320	11	24.4	64%	42	42%	JOURNALISM & MASS COMM
PEDERNALES	114	12	23.4	62%	28	100%	OCCUPATIONAL EDUCATION
ROY F. MITTE	3224	17	46.4	122%	92	47%	TECHNOLOGY

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
ROY F. MITTE	3241	9	28.4	75%	91	87%	PHYSICS
ROY F. MITTE	4231	10	28	74%	50	46%	TECHNOLOGY
ROY F. MITTE	4232	16	33.8	89%	50	48%	TECHNOLOGY
ROY F. MITTE	4233	15	36.4	96%	50	61%	TECHNOLOGY
TAYLOR-MURPHY HISTORY	101	19	55.8	147%	120	72%	HISTORY
TAYLOR-MURPHY HISTORY	104	14	39.4	104%	120	75%	HISTORY
TAYLOR-MURPHY HISTORY	106	11	31.2	82%	40	66%	HISTORY
TAYLOR-MURPHY HISTORY	110	15	44.2	116%	37	62%	HISTORY
TAYLOR-MURPHY HISTORY	201	15	43	113%	40	59%	HISTORY
THEATRE CENTER	201	16	44.2	116%	30	68%	THEATRE
UNDERGRADUATE ACADEMIC CENTER	105	18	57.4	151%	144	91%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	205	31	40	105%	32	94%	PSYCHOLOGY
UNDERGRADUATE ACADEMIC CENTER	208	13	41.2	108%	96	99%	PSYCHOLOGY
UNDERGRADUATE ACADEMIC CENTER	209	13	38.2	101%	100	98%	SOCIOLOGY
UNDERGRADUATE ACADEMIC CENTER	305	18	45.6	120%	32	64%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	306	19	48.4	127%	32	71%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	308	7	22.4	59%	80	46%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	309	14	40.8	107%	32	65%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	310	9	28.8	76%	80	47%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	405	11	33	87%	20	86%	SOCIOLOGY
UNDERGRADUATE ACADEMIC CENTER	406	13	41.8	110%	48	54%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	408	12	38.4	101%	48	84%	PSYCHOLOGY
UNDERGRADUATE ACADEMIC CENTER	409	9	25.8	68%	48	85%	SOCIOLOGY
UNDERGRADUATE ACADEMIC CENTER	410	15	42.8	113%	32	63%	SOCIOLOGY
UNDERGRADUATE ACADEMIC CENTER	411	11	35	92%	54	73%	SOCIOLOGY

TEACHING THEATRE UTILIZATION AND AVERAGE PERCENT FILL

The three teaching theatres, Alkek Library 250, Centennial 157 and LBJ Student Center 4-16.1 are scheduled by the Registrar's Office. The combined average weekly hours of instruction for the 3 theatres were 41 hours or 108% of the Coordinating Board Utilization benchmark. The Average Percent Fill (PF) for the 3 teaching theatres was 97%.

Table 9: Teaching Theatre Schedules

Alkek Library 250: 16 Sections, 44.1 Hours (116% of CB Benchmark), 386 Seats (PF 97%)

	MONDAY	WEDNESDAY	FRIDAY		TUESDAY	THURSDAY
8:00 AM	PSY 1300	PSY 1300	PSY 1300	8:00 AM	POSI 2320	POSI 2320
9:00 AM	MATH 1315	MATH 1315	MATH 1315	9:30 AM	NUTR 2360	NUTR 2360
10:00 AM	PSY 1300	PSY 1300	PSY 1300			
11:00 AM	MATH 1315	MATH 1315		11:00 AM	PHIL 1320	PHIL 1320
12:30 PM	POSI 2310	POSI 2310		12:30 PM	PSY 1300	PSY 1300
2:00 PM	ENG 2330			2:00 PM	NUTR 3362	NUTR 3362
3:30 PM	MC 4381	MC 4381		3:30 PM	POSI 2310	POSI 2310
5:00 PM	TH 2313	TH 2313		5:00 PM	PSY 3300	PSY 3300

Centennial Hall 157: 15 Sections, 44.2 Hours (116% of CB Benchmark), 387 (PF 92%)

	MONDAY	WEDNESDAY	FRIDAY		TUESDAY	THURSDAY
8:00 AM	CHEM 1335	CHEM 1335	CHEM 1335	8:00 AM	MC 1301	MC 1301
9:00 AM	MC 3343	MC 3343	MC 3343	9:30 AM	ENG 2360	ENG 2360
10:00 AM	CS 1425	CS 1425	CS 1425			
11:00 AM	COMM 1310	COMM 1310		11:00 AM	POSI 2310	POSI 2310
12:30 PM	PHIL 1320	PHIL 1320		12:30 PM	HIST 1320	HIST 1320
2:00 PM	ENG 2360	ENG 2360		2:00 PM	HIST 1310	HIST 1310
3:30 PM	HIST 1310	HIST 1310		3:30 PM	MC 3367	MC 3367
5:00 PM	CHEM 1341	CHEM 1341		5:00 PM		

LBJ Student Center 4-16.1: 12 Sections, 34.8 Hours (93% of CB Benchmark), Seats 398 (PF 100%)

	MONDAY	WEDNESDAY	FRIDAY		TUESDAY	THURSDAY
8:00 AM				8:00 AM		
9:00 AM	PSY 1300	PSY 1300	PSY 1300	9:30 AM	ANTH 2414	ANTH 2414
10:00 AM	POSI 2310	POSI 2310	POSI 2310			
11:00 AM	POSI 2320	POSI 2320		11:00 AM	ANTH 1312	ANTH 1312
12:30 PM	ENG 2310	ENG 2310		12:30 PM	COMM 1310	COMM 1310
2:00 PM	MATH 1315	MATH 1315		2:00 PM	POSI 2310	POSI 2310
3:30 PM	PHIL 1320	PHIL 1320		3:30 PM	MATH 1315	MATH 1315
5:00 PM				5:00 PM		

UTILIZATION OF CLASSROOMS AT THE ROUND ROCK CAMPUS

As reflected in Table 10 below, there were 344 weekly hours instruction (115 course sections) scheduled in 23 classrooms in the Avery Building. On average, 14.9 hours of instruction were scheduled in each classroom and 5 classrooms were in use 50% or more of the Coordinating Board's maximum benchmark of 38 hours of instruction per week. The Average Percent Fill (i.e. the number of seats occupied) is 59%. This is 6 percentage points below the Coordinating Boards benchmark for maximum points.

Table 10: Avery Building Classroom Utilization and Percent Fill

			2019			20			2018				2018 to 2019 Comparison		
ROOM	SECTS	HRS	UTIL	SEATS	PF	SECTS	HRS	UTIL	SEATS	PF		SECTS	HRS	UTIL	PF
123	8	27.2	72%	33	53%	9	31.2	82%	33	42%		-1	-4	-10%	11%
204	4	13.4	35%	36	44%	2	6.8	18%	36	28%		2	6.6	17%	16%
301	8	17	45%	49	75%	2	7	18%	49	34%		6	10	27%	41%
308	3	10.2	27%	36	27%	4	13.6	36%	36	38%		-1	-3.4	-9%	-11%
312	4	13.2	35%	31	76%	4	13.6	36%	31	40%		0	-0.4	-1%	36%
313	4	15.4	41%	28	70%	3	10.2	27%	28	33%		1	5.2	14%	37%
318	6	20	53%	36	56%	4	13.4	35%	36	60%		2	6.6	18%	-4%
357	10	23.4	62%	30	42%	9	20	53%	30	59%		1	3.4	9%	-17%
358	4	13.4	35%	32	48%	5	16.4	43%	32	14%		-1	-3	-8%	34%
362	5	14.8	39%	32	74%	6	19.8	52%	32	48%		-1	-5	-13%	26%
363	2	6.8	18%	36	32%	6	20.2	53%	36	56%		-4	-13.4	-35%	-24%
						3	10	26%	30	38%		NA			
						6	20	53%	30	30%		NA			
368	6	20.4	54%	35	49%	6	20.2	53%	35	34%		0	0.2	1%	15%
403	7	17.2	45%	48	68%	10	26.6	70%	48	75%		-3	-9.4	-25%	-7%
404	4	13.8	36%	48	68%	3	10.2	27%	48	47%		1	3.6	9%	21%
405	6	19.2	51%	48	70%	7	20	53%	48	67%		-1	-0.8	-2%	3%
406	5	16.2	43%	48	65%	9	25	66%	48	74%		-4	-8.8	-23%	-9%
407	6	16.4	43%	45	89%	7	22.8	60%	45	82%		-1	-6.4	-17%	7%
408	4	10	26%	48	78%	5	16.4	43%	48	68%		-1	-6.4	-17%	10%
414	1	3.4	9%	22	32%	2	6.8	18%	31	21%		-1	-3.4	-9%	11%
420	6	17	45%	32	43%	4	13.6	36%	32	27%		2	3.4	9%	16%
451	3	10.2	27%	40	61%	4	13.6	36%	40	49%		-1	-3.4	-9%	12%
453	3	10.2	27%	46	53%	5	14.6	38%	46	63%		-2	-4.4	-11%	-10%
455	6	15.4	41%	48	74%	7	21	55%	48	59%		-1	-5.6	-14%	15%

Avery Building classrooms had a 4% decrease in Utilization and a 12% increase in Percent Fill from 2018 to 2019.

UTILIZATION OF CLASSROOMS BY DAY AND HOUR

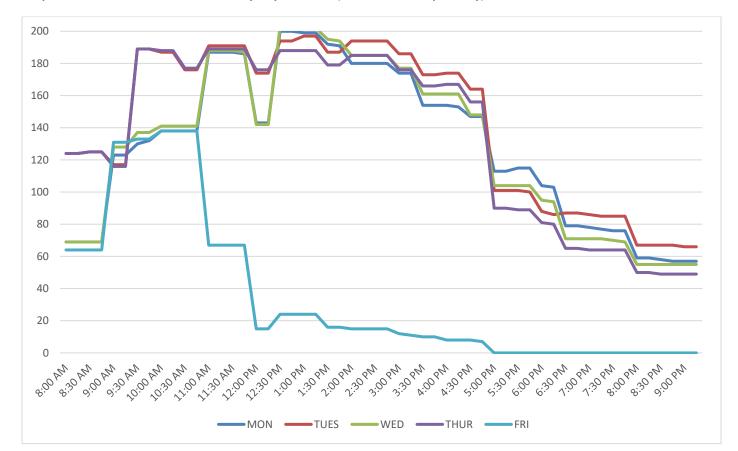
Numerous universities use similar procedures to define instructional periods in order to create standardized and consistent course schedules. The most familiar is Monday, Wednesday, and Friday (MWF) and Tuesday, Thursday (TTH) arrangements that employ uniform start times and session durations. The goal is to provide students optimal access to courses while affording faculty adequate time to pursuit and conduct research, serve on committees and provide convenient office hours for students. In addition, standardized course schedules are critical to maximizing classroom and class lab utilization. The following uniform class scheduling policy was approved by Texas State beginning spring 2009:

- MWF morning classes begin at 8:00 a.m., 9:00 a.m., 10:00 a.m., 11:00 a.m. and 12:00 p.m. for 50 minutes plus 10-minute passing time.
- MW classes begin at 12:30 p.m., 2:00 p.m., 3:30 p.m., 5:00 p.m., 6:30 p.m., and 8:00 p.m. MW morning lectures are allowed if Friday is used for a lab that utilizes the same room. Departments are allowed to teach up to 10 percent of their classes MW, from 11:00 a.m. until 12:20 p.m.
- With the dean and provost approvals, some classes may be offered at 11:00 a.m. until 12:20 p.m. MWF and conclude earlier in the semester.
- TR classes begin at 8:00 a.m., 9:30 a.m., 11:00 a.m., 12:30 p.m., 2:00 p.m., 3:30 p.m., 5:00 p.m., 6:30 p.m., and 8:00 p.m.
- No one-day a week morning classes are allowed. One-day a week classes are allowed at 12:30 p.m. and later, if they begin at standard times.
- All classes must end no less than 10 minutes prior to the next scheduled class time.
- Graduate courses are exempt if not affecting first-call room utilization.
- Any exception to these rules must be reviewed and accepted by the CSC

Table 11 on the following page shows the results of this policy in terms of the percentage of classrooms in use by day of the week and class start-time in 15-minute intervals.

Table 11: Number and Percent of Classrooms in Use by Day and Hour: San Marcos Campus Only

TIME	MON	TUES	WED	THUR	FRI
8:00 AM	33%	59%	33%	59%	31%
8:15 AM	33%	59%	33%	59%	31%
8:30 AM	33%	60%	33%	60%	31%
8:45 AM	33%	60%	33%	60%	31%
9:00 AM	59%	56%	61%	56%	63%
9:15 AM	59%	56%	61%	56%	63%
9:30 AM	62%	90%	66%	90%	64%
9:45 AM	63%	90%	66%	90%	64%
10:00 AM	66%	89%	67%	90%	66%
10:15 AM	66%	89%	67%	90%	66%
10:30 AM	66%	84%	67%	85%	66%
10:45 AM	66%	84%	67%	85%	66%
11:00 AM	89%	91%	90%	90%	32%
11:15 AM	89%	91%	90%	90%	32%
11:30 AM	89%	91%	90%	90%	32%
11:45 AM	89%	91%	89%	90%	32%
12:00 PM	68%	83%	68%	84%	7%
12:15 PM	68%	83%	68%	84%	7%
12:30 PM	96%	93%	97%	90%	11%
12:45 PM	96%	93%	97%	90%	11%
1:00 PM	95%	93%	97%	90%	11%
	95%	94%	97%	90%	11%
1:15 PM 1:30 PM	92%	89%	93%	86%	
					8%
1:45 PM	91%	89%	93%	86%	8%
2:00 PM	86%	93%	89%	89%	7%
2:15 PM	86%	93%	89%	89%	7%
2:30 PM	86%	93%	89%	89%	7%
2:45 PM	86%	93%	89%	89%	7%
3:00 PM	83%	89%	85%	84%	6%
3:15 PM	83%	89%	85%	84%	5%
3:30 PM	74%	83%	77%	79%	5%
3:45 PM	74%	83%	77%	79%	5%
4:00 PM	74%	83%	77%	80%	4%
4:15 PM	73%	83%	77%	80%	4%
4:30 PM	70%	78%	71%	75%	4%
4:45 PM	70%	78%	71%	75%	3%
5:00 PM	54%	48%	50%	43%	0%
5:15 PM	54%	48%	50%	43%	0%
5:30 PM	55%	48%	50%	43%	0%
5:45 PM	55%	48%	50%	43%	0%
6:00 PM	50%	42%	45%	39%	0%
6:15 PM	49%	41%	45%	38%	0%
6:30 PM	38%	42%	34%	31%	0%
6:45 PM	38%	42%	34%	31%	0%
7:00 PM	37%	41%	34%	31%	0%
7:15 PM	37%	41%	34%	31%	0%
7:30 PM	36%	41%	33%	31%	0%
7:45 PM	36%	41%	33%	31%	0%
8:00 PM	28%	32%	26%	24%	0%
8:15 PM	28%	32%	26%	24%	0%
8:30 PM	28%	32%	26%	23%	0%
8:45 PM	27%	32%	26%	23%	0%
9:00 PM	27%	32%	26%	23%	0%
9:15 PM	27%	32%	26%	23%	0%
	<20%	20-39%	40-59%	60-79%	>=80%



Graph 1: Number of Classrooms in Use by Day and Time (San Marcos Campus Only)

Friday classes:

- In total, 689 of 5315 course sections (13%) convene on Fridays .Seven (7) academic departments each scheduled 40 or more sections on Friday; Music (62), Math (57), Biology (51), Philosophy (49), English (45), Modern Languages (40), and Theatre (40)
- Eight (8) departments did not centrally schedule a course on Fridays: Aerospace Studies, Curriculum & Instruction, Healthcare Administration, International Studies, Military Science, Nursing, Occupational Education and Sociology.

Classes taught at or before 8:00 am:

- In total, 472 of 5315 sections (9%) convene at or before 8:00 am
- Only Biology (70) scheduled 40 or more sections at 8:00 am.
- Four (4) academic departments did not centrally schedule a course at or before 8:00 am; CLAS, International Studies, Military Science, Occupational Education.

CLASS LAB UTILIZATION AND AVERAGE PERCENT FILL

A class laboratory is defined as a room for "regularly scheduled classes that require special equipment for student participation, experimentation, observation, or practice." It is designed for and/or furnished with equipment to serve the needs of a particular discipline for group instruction. The room design and/or equipment normally limits its use for other disciplines.

In fall 2018 there were 129 Class Labs on inventory. The following space use changes were made for fall 2019. The net result is still 129 class labs.

- Rooms removed from the inventory of Class Labs
 - Encino Hall 218- Reclassified to a Special Class Laboratory
 - o Encino Hall 333- Reclassified to a Meeting Room
 - Encino Hall 335- Reclassified to a Special Class Laboratory
 - o Evans Liberal Arts 224- Remodeled and reclassified to a Conference Room (research related)
 - o Roy F. Mitte 1240- Closed for building reconfiguration project
 - Roy F. Mitte 5213- Closed for building reconfiguration project
 - o Roy F. Mitte 5216- Closed for building reconfiguration project
 - o Roy F. Mitte 5233- Closed for building reconfiguration project
 - o Roy F. Mitte 5246- Closed for building reconfiguration project
- Rooms added to the inventory of Class Labs
 - o Bruce and Gloria Ingram Hall 2101
 - o Bruce and Gloria Ingram Hall 2103
 - o Bruce and Gloria Ingram Hall 2104
 - o Bruce and Gloria Ingram Hall 2107
 - Bruce and Gloria Ingram Hall 2108
 - Bruce and Gloria Ingram Hall 3309
 - Bruce and Gloria Ingram Hall 4103
 - Bruce and Gloria Ingram Hall 4106
 - o Undergraduate Academic Center 440

Table 12 provides the number of sections (SECTS), weekly hours (HRS), utilization rate (UTIL), seating capacity (SEATS), Average Percent Fill (PF) and responsible department/ school for each designated class lab listed in the facilities inventory for fall 2019.

Table 12: Class Lab Utilization Rates and Average Percent Fill by Building and Room

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
ACADEMIC SERVICES BUILDING NORTH	450A	6	18.2	73%	26	49%	CURRICULUM & INSTRUCTION
ACADEMIC SERVICES BUILDING NORTH	450B	14	37.6	150%	32	54%	CURRICULUM & INSTRUCTION
AGRICULTURE	101	9	19.8	79%	30	83%	AGRICULTURE
BRUCE AND GLORIA INGRAM HALL	2101	30	42.4	170%	24	147%	INGRAM SCHOOL OF ENGR
BRUCE AND GLORIA INGRAM HALL	2103	12	28.6	114%	24	100%	INGRAM SCHOOL OF ENGR
BRUCE AND GLORIA INGRAM HALL	2104	12	38.2	153%	24	91%	INGRAM SCHOOL OF ENGR
BRUCE AND GLORIA INGRAM HALL	2107	16	42.6	170%	40	45%	INGRAM SCHOOL OF ENGR
BRUCE AND GLORIA INGRAM HALL	2108	16	45.8	183%	24	57%	INGRAM SCHOOL OF ENGR
BRUCE AND GLORIA INGRAM HALL	3309	17	46.4	186%	50	52%	INGRAM SCHOOL OF ENGR
BRUCE AND GLORIA INGRAM HALL	4103	14	44.8	179%	72	41%	INGRAM SCHOOL OF ENGR
BRUCE AND GLORIA INGRAM HALL	4106	18	49.6	198%	24	84%	INGRAM SCHOOL OF ENGR
CHEMISTRY	109	7	50.6	202%	24	41%	CHEMISTRY

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
CHEMISTRY	110	19	64.6	258%	24	85%	CHEMISTRY
CHEMISTRY	113	16	54.4	218%	24	86%	CHEMISTRY
CHEMISTRY	114	16	54.4	218%	24	93%	CHEMISTRY
CHEMISTRY	117	19	64.6	258%	24	96%	CHEMISTRY
CHEMISTRY	229	19	64.6	258%	15	100%	CHEMISTRY
CHEMISTRY	232	15	51	204%	22	62%	CHEMISTRY
CHEMISTRY	327	15	64.6	258%	25	84%	CHEMISTRY
DERRICK HALL	122	16	47.4	190%	40	80%	MATHEMATICS
DERRICK HALL	233	13	41.2	165%	34	65%	MATHEMATICS
DERRICK HALL	236	19	30.4	122%	16	100%	COMPUTER SCIENCE
DERRICK HALL	325	11	17.6	70%	23	71%	COMPUTER SCIENCE
DERRICK HALL	338	16	42.2	169%	38	62%	MATHEMATICS
DERRICK HALL	339	8	25	100%	40	56%	MATHEMATICS
EMMETT & MIRIAM McCOY HALL	332	8	25.6	102%	48	60%	COMPUTER INFO SYSTEMS
EMMETT & MIRIAM McCOY HALL	334	14	44.4	178%	56	86%	COMPUTER INFO SYSTEMS
ENCINO HALL	307	2	8.8	35%	24	31%	CLINICAL LAB
ENCINO HALL	334	4	15.6	62%	20	38%	CLINICAL LAB
ENCINO HALL	346	4	15.6	62%	10	100%	CLINICAL LAB
EVANS LIBERAL ARTS	121	9	21	84%	20	74%	GEOGRAPHY
EVANS LIBERAL ARTS	123	15	38.6	154%	24	72%	GEOGRAPHY
EVANS LIBERAL ARTS	149	14	28.4	114%	21	80%	GEOGRAPHY
EVANS LIBERAL ARTS	155	16	24	96%	22	82%	GEOGRAPHY
EVANS LIBERAL ARTS	156	7	20.2	81%	20	71%	GEOGRAPHY
EVANS LIBERAL ARTS	226	7	22	88%	30	49%	ANTHROPOLOGY
EVANS LIBERAL ARTS	227	10	18.8	75%	48	34%	ANTHROPOLOGY
EVANS LIBERAL ARTS	273	14	22.4	90%	28	53%	ANTHROPOLOGY
FAMILY & CONSUMER SCIENCES	132	4	25.6	102%	25	76%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	141	9	21.6	86%	36	83%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	179	8	38.8	155%	30	82%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	187	7	14.4	58%	24	79%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	203	4	25.6	102%	20	74%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	205	3	20	80%	20	63%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	216	4	22.6	90%	20	70%	FAMILY AND CONSUMER SCI
FLOWERS HALL	114	8	25.2	101%	25	96%	ENGLISH
FLOWERS HALL	120	9	28.2	113%	25	88%	ENGLISH
FLOWERS HALL	G14	9	28.2	113%	25	99%	ENGLISH
JEROME & CATHERINE SUPPLE SCIENCE	128	23	50.6	202%	25	95%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	133	16	54.4	218%	21	79%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	135	12	40.8	163%	20	80%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	137	12	40.8	163%	16	94%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	139	20	44	176%	25	72%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	141	6	13.2	53%	36	30%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	176	16	38.2	153%	23	54%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	222	11	24.2	97%	24	91%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	224	11	28.4	114%	24	85%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	227	13	44.2	177%	24	66%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	233	16	54.4	218%	16	82%	BIOLOGY

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
JEROME & CATHERINE SUPPLE SCIENCE	239	12	40.8	163%	20	98%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	243	8	21.6	86%	29	45%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	255	24	81.6	326%	24	95%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	261	17	27.2	109%	24	74%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	265	12	24.6	98%	24	66%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	270	16	54.4	218%	16	100%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	326	12	30	120%	18	91%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	343	8	27.2	109%	16	89%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	359	11	30.6	122%	21	49%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	363	14	47.6	190%	17	94%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	369	15	51	204%	16	100%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	372	12	40.2	161%	20	85%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	422	20	68	272%	19	98%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	424	20	64.4	258%	18	97%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	429	16	54.4	218%	20	100%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	433	20	68	272%	18	100%	BIOLOGY
JOANN COLE MITTE	1113A	8	44.8	179%	19	78%	ART
JOANN COLE MITTE	1118	7	27.2	109%	30	59%	ART
JOANN COLE MITTE	1124	5	27.2	109%	36	46%	ART
JOANN COLE MITTE	1126	8	27.2	109%	33	30%	ART
JOANN COLE MITTE	1127	11	36.4	146%	53	26%	ART
JOANN COLE MITTE	1128	7	47.6	190%	21	80%	ART
JOANN COLE MITTE	1129	5	34	136%	22	65%	ART
JOANN COLE MITTE	1130	9	54.4	218%	20	86%	ART
JOANN COLE MITTE	2115	8	54.4	218%	20	89%	ART
JOANN COLE MITTE	2119	13	47.6	190%	20	82%	ART
JOANN COLE MITTE	2120	9	59.2	237%	21	71%	ART
JOANN COLE MITTE	2131	8	54.4	218%	21	86%	ART
JOANN COLE MITTE	3102C	3	20.4	82%	21	57%	ART
JOANN COLE MITTE	3107E	7	47.6	190%	21	69%	ART
JOANN COLE MITTE	3107F	8	58.4	234%	21	63%	ART
JOANN COLE MITTE	3107G	1	4.8	19%	21	100%	ART
JOANN COLE MITTE	3107J	7	47.6	190%	20	71%	ART
JOANN COLE MITTE	3118	5	34	136%	21	57%	ART
JOANN COLE MITTE	4105	13	50.4	202%	19	70%	ART
JOANN COLE MITTE	4107	13	40.8	163%	20	119%	ART
JOANN COLE MITTE	4107A	4	6.8	27%	20	90%	ART
JOANN COLE MITTE	4112	8	34	136%	18	64%	ART
JOANN COLE MITTE	4127A	6	40.8	163%	20	87%	ART
JOWERS CENTER	B140	9	30.4	122%	15	100%	THEATRE
JOWERS CENTER	B175	17	47.6	190%	35	48%	THEATRE
JOWERS CENTER	B178	12	35.2	141%	25	65%	THEATRE
JOWERS CENTER	D106	12	27.4	110%	20	82%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	D112	11	24.2	97%	20	79%	HEALTH/HUMAN PERFORMANCE
MUSIC	121	13	40.4	162%	15	59%	MUSIC
MUSIC	216	28	56.6	226%	42	42%	MUSIC
MUSIC	221	13	34.8	139%	24	56%	MUSIC

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
MUSIC	222	21	43	172%	50	56%	MUSIC
MUSIC	224	24	62	248%	50	100%	MUSIC
OLD MAIN	106B	18	56.6	226%	20	87%	MASS COMMUNICATION
OLD MAIN	212	17	51.8	207%	20	92%	JOURNALISM & MASS COMM
OLD MAIN	238	15	41.8	167%	20	87%	JOURNALISM & MASS COMM
PERFORMING ARTS CENTER	209E	14	40	160%	12	100%	THEATRE
PERFORMING ARTS CENTER	310	10	34.5	138%	14	92%	THEATRE
PERFORMING ARTS CENTER	311	4	9.8	39%	11	73%	THEATRE
ROY F. MITTE	1239	17	40.8	163%	30	75%	TECHNOLOGY
ROY F. MITTE	3223	13	38	152%	19	84%	PHYSICS
ROY F. MITTE	4234	15	36.8	147%	40	55%	TECHNOLOGY
ROY F. MITTE	4236	23	47.6	190%	24	88%	TECHNOLOGY
THEATRE CENTER	104	17	47.8	191%	18	85%	THEATRE
THEATRE CENTER	106	14	45.2	181%	23	66%	THEATRE
THEATRE CENTER	113	13	41.4	166%	24	81%	THEATRE
THEATRE CENTER	206	16	46	184%	110	55%	THEATRE
THEATRE CENTER	209	12	38	152%	100	34%	THEATRE
THEATRE CENTER	216	8	22.4	90%	19	81%	THEATRE
UNDERGRADUATE ACADEMIC CENTER	342	2	3.2	13%	29	90%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	440	21	44.4	178%	33	78%	PSYCHOLOGY
WILLOW HALL	227	8	28	112%	30	100%	RESPIRATORY CARE
WILLOW HALL	33	5	24	96%	5	100%	PHYSICAL THERAPY
WILLOW HALL	333A	6	17.4	70%	15	97%	PHYSICAL THERAPY

APPENDIX

The CBM005-Building and Room Report and the CBM011-Facilities Room Inventory Report provide the data used to compute Texas State's Space Usage Efficiency (SUE) score. Both reports are certified annually by the Coordinating Board.

Institutional Research, submits and certifies the CBM005—Building and Room Report every fall semester. Shortly after the twelfth class day of the fall semester, the Coordinator of Facilities Inventory requests a copy of the CBM005 to conduct an analysis of all rooms listed in the report. The purpose is to identify possible "space use" changes in order to maximize the instructional hours included in the calculations by the Coordinating Board.

Comparing "space use" (classroom, class lab, special class lab, meeting room etc.) to "hours of scheduled instruction" can help determine the best space use classification for a room. For example, if a room is identified as a "special class lab" and there are 12.5 or more hours of instruction scheduled in that room, it is "flagged" for a possible change to a "class lab" to be included in the utilization calculations for class labs (12.5 hours of instruction is ½ of the Coordinating Board benchmark for class lab utilization). Conversely, if a room is classified as a "class lab" and less than 12.5 hours of scheduled instruction are offered in that room, it may be better to classify the room as a "special class lab." In these situations, historical class data is analyzed and/or the department controlling the room is contacted to determine the best space use code before any changes are made. The following paragraphs provide examples of the calculations used by the Coordinating Board for determining SUE scores.

Facilities Demand Score Calculations – For example, in fall 2016, a total of 16,403 instructional hours were scheduled weekly at Texas State. Instructional hours are calculated by multiplying the number of times a course meets in one week by the duration of the course period, then dividing this number by 50 (number of minutes in an hour accounting for passing and room transition time) and adding the totals for all course sections (both lecture and lab). For example: ENG 1310, meets on MWF for 50 minutes each day resulting in 3.0 instructional hours (50 X 3)/50 = 3.0.

To calculate Classroom Facilities Demand, lab hours (5917.20) are deducted from the total hours (16,403.3) and the remaining hours (10,486.1) are divided by the number of classrooms on record (227). Therefore, Classroom Facilities Demand equals 46.19 hours per week. Texas State earned the maximum number of points (4) in this category. Facilities Demand is assigned a weight of 9 by the Coordinating Board which then results in Texas State's score for Classroom Facilities Demand at 36. Class Laboratory Demand equals 47.71 hours per week (5917.2 / 124) resulting in Texas State earning the maximum number points (4) in this category. The weight assigned by the Coordinating Board to this measurement is also 9. Texas State's score for Class Laboratory Facilities Demand is 36.

Utilization Score Calculations – For example, the average weekly hours of instruction for classrooms at Texas State for fall 2016 are 39.92 hours (105.1% of the classroom utilization benchmark) or 9063.90 hours / 227 classrooms. The average weekly hours of instruction for class labs at Texas State for fall 2016 are 37.60 hours (150.41% of the class laboratory utilization benchmark) or 4663.0 weekly hours of instruction / 124 class labs. Texas State's scores for both Classroom Utilization and Class Laboratory Utilization is 32 (the maximum points awarded). "Stack Classes" are not included in the utilization score. Stacked Classes refers to multiple courses that meet at the same time, in the same room but have different course and section numbers.

Average Percent Fill Score Calculations – Classroom Average Percent Fill (PF) is based on total enrollment. For example, in fall 2016 there was a total of 275,468 students and 371,422 available student stations in 5827 courses occurrences. After the individual course period percentages are calculated, rounded, multiplied by the number of occurrences, and totaled, the final ratio for classrooms is 4097 / 5827 or 70.3%. For class labs the calculation is based on 49,096 students and 62,270 available seats in 2229 course occurrences. After all the calculations are complete, the final ratio is 1792 / 2229 or 80.3%. Texas State's scores for both Classroom and Class Laboratory Average Percent Fill is 32 (the maximum points awarded).