Fall 2018 Instructional Space Usage Efficiency

Texas State University
March 14, 2019

EXECUTIVE SUMMARY AND RECOMMENDATIONS

The Fall 2018 Instructional Space Usage Efficiency Report evaluates how well Texas State makes use of designated teaching facilities. Although the primary focus of the report is classrooms and class laboratories, 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 2018, Texas State earned a perfect SUE score of 200 from the Coordinating Board for both classroom and class laboratory efficiency. In fact, Texas State has earned perfect SUE scores since the Coordinating Board introduced their model.

- **Classroom SUE:** 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 or more hours of instruction per week; Texas State's average was 38 hours. A perfect score for classroom Average Percent Fill requires an average of 65% or more seats occupied; Texas State averaged 71%.
- **Class Laboratory SUE:** 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 38 hours. A perfect score for class laboratory Current Utilization Rate requires an average of 25 hours per week of instruction; Texas State average was 38 hours. A perfect score for class laboratory Average Percent Fill requires an average of 75% or more seats occupied; Texas State averaged 77%.

RECOMMENDATIONS

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

1. 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.

2. Increase the number of courses offered in classrooms at the Avery Building. On average, 16.5 hours of instruction were scheduled in the 25 classrooms at the Avery Building (21.5 hours below the Coordinating Board benchmark) and the Average Percent Fill is 47% (18 percentage points below the benchmark). Although the relocation of three departments from the College of Health Professions to the Round Rock Campus improved classroom utilization in the Avery Building by 7%, the overall current utilization rate is still less than 50% of the benchmark.

3. Schedule courses in conference and meeting rooms as a last resort; 59 course sections (174 instructional hours) were scheduled in conference rooms and 223 course sections (657 instructional hours) were scheduled in meeting rooms. While these sections are calculated in the Facilities Demand measure, the Current Utilization Rate could be improved by moving these course sections to classrooms where possible. Alternatively, a new rule could be established that does not allow meeting rooms to be scheduled until after all classrooms meet the utilization benchmarks.

4. Departments should increase the number of courses scheduled at 8:00 am and after 5:00 pm. On average, only 38% of the San Marcos Campus classrooms are in use at 8:00 am Monday-Wednesday-Friday and only 68% of classrooms are in use on Tuesday-Thursday. There are classrooms available at 9:00 AM as well. Only 65% 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.

5. Departments should consider adding Friday only classes. Utilization of classrooms drops off dramatically at 11AM on Friday.

6. 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. Sixty-six (66) classrooms 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 2018 and compares those numbers to the fall 2017 semester. As reported and certified in the CBM005, 5273 course sections (16,527 instructional hours) were scheduled during the fall 2018 semester. When compared with fall 2017, the total number of courses offered at Texas State increased by 49 sections and total instructional hours offered increased by 152 hours. Although classroom use increased by 16 sections, classroom instructional hours decreased by 11 hours. Class laboratory use decreased by 5 sections, while lab instructional hours increased by 24 hours. Sections taught in rooms not designated as classrooms or class laboratories increased by 38 sections and hours taught in these rooms increased by 139 hours. Stacked courses increased by 10 sections and 47 hours.

Table 1: Instructional Hours and Sections, Fall 2018 and Fall 2017

	2018		2017		2018-2017 COMPARISON	
	SECTIONS	HOURS	SECTIONS	HOURS	SECTIONS	HOURS
CLASSROOMS	3156	9219	3140	9230	16	-11
CLASS LABORATORIES	1517	5479	1522	5455	-5	24
OTHER ROOM TYPES	600	1829	562	1690	38	139
Total	**5273**	**16527**	**5224**	**16375**	**49**	**152**
STACKED	302	1180	292	1133	10	47
COURSES NOT INCLUDED IN SUE CALCULATIONS	1994		1889		105	

SPACE USAGE EFFICIENCY MEASUREMENTS

The Fall 2018 Space Usage Efficiency Report released by the Coordinating Board shows that Texas State University achieved an overall score of 200, the highest possible score. UT-Arlington and UT-Dallas also achieved an overall score of 200.

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 47 (12 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 2017 Texas State averaged 46 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 = 47)		
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

Utilization 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 38 hours (equal to 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 perfect score of 32 in both categories. For comparison purposes, in 2017 Texas State averaged 39 hours for Classroom Utilization and 37 hours for Class Laboratory Utilization.

Table 3: Utilization Rate Scoring

Classroom (TXST Hours Per Week = 38)			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 (2014-2018)

	Classrooms	Average (50 Min) Hours Per Classroom	CB Utilization Standard	Classrooms without Round Rock	Average Hours Per Classroom without Round Rock	Utilization Rate without Round Rock
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%
2014	222	39.6	104%	198	42.4	112%

Table 5: Class Laboratory Utilization (2014-2018)

	Class Labs	Average Hours Per Class Lab	CB Utilization Standard
2018	129	37.5	150%
2017	128	37.1	148%
2016	124	37.6	150%
2015	115	38.5	154%
2014	118	37.4	150%

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 77% for class laboratories (2 percentage points above the benchmark for maximum points). The result for Texas State was a perfect score of 32 in both categories. For comparison purposes, in 2017 Texas State's Average Percent Fill for classrooms was 71% and the Average Percent Fill for class laboratories was 80%.

Table 6: Average Percent Fill Scoring

Classroom (TXST Average Percent Fill = 71%)			Class Laboratory (TXST Average Percent Fill = 77%)		
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 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 WEEKLY INSTRUCTIONAL HOURS (Benchmark is 38 weekly hours)	PERCENT FILL (Benchmark is 65%)
25 or less	31	437	1191	38.4	84%
26 – 50	127	1720	4701	37.0	64%
51 – 75	27	378	1071	39.7	61%
76 – 100	25	290	853	34.1	63%
101 – 125	10	118	363	36.3	74%
126 – 150	4	54	166	41.5	89%
151 – 175	1	19	52	52.0	86%
176 – 200	2	31	101	50.5	76%
Over 200	7	109	319	45.6	88%

For fall 2018, 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 26-50 seats, 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 2017 there were 228 classrooms on inventory. The following space use changes were made for fall 2018. The net result is 234 classrooms.

- Rooms removed from the inventory of classrooms:
  - Avery Building 124- reclassified to Library Stacks for RRC Special Collections
  - Derrick Hall 237 and 238- remodeled/reclassified to a Special Class Lab for Math
  - Hines Academic Center 103- out of service for renovation
  - Chemistry room 105- out of service for reconfiguration

- Rooms added to the inventory of classrooms:
  - 11 new classrooms in Bruce and Gloria Ingram Hall

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 2018.

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	5	16.8	44%	110	77%	CURRICULUM & INSTRUCTION
ACADEMIC SERVICES BUILDING NORTH	353	22	46.4	122%	23	80%	HONORS COLLEGE
ACADEMIC SERVICES BUILDING NORTH	407	19	39.4	104%	25	70%	CURRICULUM & INSTRUCTION
ACADEMIC SERVICES BUILDING NORTH	408	13	29	76%	25	73%	CURRICULUM & INSTRUCTION
ACADEMIC SERVICES BUILDING SOUTH	112	36	36	95%	30	71%	UNIVERSITY SEMINAR
ACADEMIC SERVICES BUILDING SOUTH	300	15	44.4	117%	263	82%	BIOLOGY
AGRICULTURE	202	13	28.8	76%	48	62%	AGRICULTURE
AGRICULTURE	204	14	37.4	98%	113	61%	AGRICULTURE
AGRICULTURE	221	7	14.4	38%	36	65%	AGRICULTURE
ALBERT B. ALKEK LIBRARY	250	16	47.4	125%	386	93%	REGISTRAR
AVERY BUILDING	123	9	31.2	82%	33	42%	RRHEC
AVERY BUILDING	204	2	6.8	18%	36	28%	RRHEC
AVERY BUILDING	301	2	7	18%	49	34%	RRHEC
AVERY BUILDING	308	4	13.6	36%	36	38%	RRHEC
AVERY BUILDING	312	4	13.6	36%	31	40%	RRHEC
AVERY BUILDING	313	3	10.2	27%	28	33%	RRHEC
AVERY BUILDING	318	4	13.4	35%	36	60%	RRHEC
AVERY BUILDING	357	9	20	53%	30	59%	RRHEC
AVERY BUILDING	358	5	16.4	43%	32	14%	RRHEC
AVERY BUILDING	362	6	19.8	52%	32	48%	RRHEC

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
AVERY BUILDING	363	6	20.2	53%	36	56%	RRHEC
AVERY BUILDING	364	3	10	26%	30	38%	RRHEC
AVERY BUILDING	366	6	20	53%	30	30%	RRHEC
AVERY BUILDING	368	6	20.2	53%	35	34%	RRHEC
AVERY BUILDING	403	10	26.6	70%	48	75%	RRHEC
AVERY BUILDING	404	3	10.2	27%	48	47%	RRHEC
AVERY BUILDING	405	7	20	53%	48	67%	RRHEC
AVERY BUILDING	406	9	25	66%	48	74%	RRHEC
AVERY BUILDING	407	7	22.8	60%	45	82%	RRHEC
AVERY BUILDING	408	5	16.4	43%	48	68%	RRHEC
AVERY BUILDING	414	2	6.8	18%	31	21%	RRHEC
AVERY BUILDING	420	4	13.6	36%	32	27%	RRHEC
AVERY BUILDING	451	4	13.6	36%	40	49%	RRHEC
AVERY BUILDING	453	5	14.6	38%	46	63%	RRHEC
AVERY BUILDING	455	7	21	55%	48	59%	RRHEC
BRUCE AND GLORIA INGRAM HALL	3101	13	41	108%	72	80%	PHYSICS
BRUCE AND GLORIA INGRAM HALL	3102	12	37.8	99%	48	65%	MATHEMATICS
BRUCE AND GLORIA INGRAM HALL	3103	11	34.8	92%	48	67%	MATHEMATICS
BRUCE AND GLORIA INGRAM HALL	3104	9	28.8	76%	100	75%	COMPUTER SCIENCE
BRUCE AND GLORIA INGRAM HALL	3105	13	41	108%	48	72%	MATHEMATICS
BRUCE AND GLORIA INGRAM HALL	3203	11	17.6	46%	25	57%	BIOLOGY
BRUCE AND GLORIA INGRAM HALL	3204	13	41	108%	48	79%	MATHEMATICS
BRUCE AND GLORIA INGRAM HALL	3207	4	12.8	34%	48	79%	INGRAM SCHOOL OF ENGR
BRUCE AND GLORIA INGRAM HALL	4101	9	33	87%	72	86%	PHYSICS
BRUCE AND GLORIA INGRAM HALL	4102	4	9.6	25%	25	42%	MATERIALS SCIENCE ENGR
BRUCE AND GLORIA INGRAM HALL	4104	12	22.2	58%	100	65%	BIOLOGY
CENTENNIAL HALL	100	16	48.8	128%	32	71%	MODERN LANGUAGE
CENTENNIAL HALL	101	15	45.4	119%	32	80%	MODERN LANGUAGE
CENTENNIAL HALL	102	21	59.6	157%	33	88%	COMMUNICATION STUDIES
CENTENNIAL HALL	103	16	52.2	137%	44	60%	COMMUNICATION STUDIES
CENTENNIAL HALL	106	12	33.4	88%	27	66%	MODERN LANGUAGE
CENTENNIAL HALL	157	16	44	116%	387	85%	REGISTRAR
CENTENNIAL HALL	215	15	45.2	119%	38	65%	MODERN LANGUAGE
CENTENNIAL HALL	217	14	42	111%	35	66%	MODERN LANGUAGE
CENTENNIAL HALL	218	15	45	118%	30	69%	MODERN LANGUAGE
CENTENNIAL HALL	318	14	39	103%	36	73%	COMMUNICATION STUDIES
CENTENNIAL HALL	400	14	45.6	120%	32	77%	COMMUNICATION STUDIES
CENTENNIAL HALL	402	18	53	139%	30	84%	COMMUNICATION STUDIES
CENTENNIAL HALL	410	14	42	111%	31	85%	COMMUNICATION STUDIES
CENTENNIAL HALL	G01	13	42.6	112%	114	64%	CHEMISTRY

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
CHEMISTRY	100	14	44	116%	115	65%	CHEMISTRY
COLLEGE OF EDUCATION	1007	10	32.4	85%	107	69%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	2127	14	45.6	120%	48	66%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	2128	14	38.2	101%	48	65%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3038	18	52	137%	40	66%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3039	16	49.6	131%	32	80%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3041	16	45.4	119%	33	81%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3066	17	53.8	142%	40	60%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3068	25	46	121%	28	80%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	3069	21	45.2	119%	24	77%	CURRICULUM & INSTRUCTION
COLLEGE OF EDUCATION	4005	17	45.8	121%	39	58%	CLAS
COLLEGE OF EDUCATION	4007	16	43.4	114%	40	68%	CLAS
COLLEGE OF EDUCATION	4008	13	43	113%	44	61%	CLAS
COLLEGE OF EDUCATION	4009	13	38	100%	34	71%	CLAS
COLLEGE OF EDUCATION	4039	13	30.4	80%	35	69%	CLAS
COMAL	103	18	46.5	122%	25	73%	PHILOSOPHY
COMAL	201	17	50.8	134%	50	61%	PHILOSOPHY
DERRICK HALL	111	16	47.2	124%	25	100%	PHILOSOPHY
DERRICK HALL	113	15	47.4	125%	178	88%	MATHEMATICS
DERRICK HALL	117	14	44	116%	40	78%	MATHEMATICS
DERRICK HALL	118	13	27.8	73%	26	95%	MODERN LANGUAGE
DERRICK HALL	119	15	38.6	102%	25	94%	MODERN LANGUAGE
DERRICK HALL	120	17	47.4	125%	30	64%	MATHEMATICS
DERRICK HALL	121	19	51.6	136%	30	72%	MATHEMATICS
DERRICK HALL	227	8	23.4	62%	79	77%	SOCIOLOGY
DERRICK HALL	229	10	31.8	84%	40	72%	PSYCHOLOGY
DERRICK HALL	230	33	35.4	93%	30	71%	UNIVERSITY SEMINAR
DERRICK HALL	234	15	41.2	108%	70	80%	COMPUTER SCIENCE
DERRICK HALL	235	13	39.2	103%	38	78%	COMPUTER SCIENCE
DERRICK HALL	239	34	34	89%	24	91%	UNIVERSITY SEMINAR
DERRICK HALL	240	12	38.6	102%	60	76%	COMPUTER SCIENCE
DERRICK HALL	241	16	48.4	127%	48	60%	PHILOSOPHY
DERRICK HALL	326	16	50.2	132%	49	77%	PHILOSOPHY
DERRICK HALL	328	16	48.4	127%	44	68%	MATHEMATICS
DERRICK HALL	329	7	22	58%	92	70%	SOCIOLOGY
DERRICK HALL	330	15	42.2	111%	44	70%	MATHEMATICS
DERRICK HALL	331	16	50.6	133%	45	79%	MATHEMATICS
DERRICK HALL	332	14	44.2	116%	47	75%	MATHEMATICS
DERRICK HALL	333	15	47.4	125%	49	63%	MATHEMATICS
DERRICK HALL	334	18	54.8	144%	40	88%	MATHEMATICS

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
DERRICK HALL	336	17	50.8	134%	49	67%	MATHEMATICS
EMMETT & MIRIAM McCOY HALL	105	18	54.2	143%	48	67%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	111	14	41.6	109%	58	31%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	113	16	50.8	134%	58	46%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	119	20	55.6	146%	246	84%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	124	14	44.6	117%	60	84%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	125	16	51.2	135%	60	60%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	126	15	48.4	127%	98	71%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	127	14	44.4	117%	98	80%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	222	20	49	129%	42	74%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	223	20	61	161%	42	73%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	224	14	43	113%	42	80%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	225	16	51.2	135%	42	80%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	233	19	51.6	136%	155	86%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	240	16	50.8	134%	55	75%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	241	14	40.4	106%	55	87%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	242	14	44.4	117%	94	59%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	243	18	57.6	152%	88	61%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	333	22	49.2	129%	36	72%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	335	16	51.2	135%	36	82%	COLLEGE OF BUSINESS
EMMETT & MIRIAM McCOY HALL	337	17	52.4	138%	42	86%	COLLEGE OF BUSINESS
ENCINO HALL	141	14	46.6	123%	37	57%	COLLEGE OF HEALTH PROF
ENCINO HALL	143	16	49.2	129%	60	53%	COLLEGE OF HEALTH PROF
ENCINO HALL	213	15	45.6	120%	37	66%	SOCIAL WORK
ENCINO HALL	214	16	41.6	109%	37	49%	SOCIAL WORK
ENCINO HALL	216	17	42	111%	32	60%	COLLEGE OF HEALTH PROF
ENCINO HALL	230	13	41.8	110%	73	70%	COLLEGE OF HEALTH PROF
ENCINO HALL	233	20	58	153%	45	57%	COLLEGE OF HEALTH PROF
EVANS LIBERAL ARTS	114	10	28.4	75%	109	97%	ANTHROPOLOGY
EVANS LIBERAL ARTS	116	12	38	100%	131	87%	GEOGRAPHY
EVANS LIBERAL ARTS	118	12	37.8	99%	129	96%	PSYCHOLOGY
EVANS LIBERAL ARTS	218	11	35.2	93%	80	45%	POLITICAL SCIENCE
EVANS LIBERAL ARTS	220	13	32.8	86%	35	73%	ANTHROPOLOGY
EVANS LIBERAL ARTS	225	8	18.8	49%	80	56%	ANTHROPOLOGY
EVANS LIBERAL ARTS	229	13	34.8	92%	49	56%	ANTHROPOLOGY
EVANS LIBERAL ARTS	283A	14	38	100%	30	83%	PSYCHOLOGY
EVANS LIBERAL ARTS	283B	15	41.2	108%	30	88%	PSYCHOLOGY
EVANS LIBERAL ARTS	311	15	43.6	115%	61	60%	GEOGRAPHY
EVANS LIBERAL ARTS	312	18	38.4	101%	43	46%	GEOGRAPHY
EVANS LIBERAL ARTS	315	17	39.4	104%	35	65%	GEOGRAPHY

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
EVANS LIBERAL ARTS	316	15	46	121%	63	54%	GEOGRAPHY
FAMILY & CONSUMER SCIENCES	135	10	29	76%	86	69%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	158	13	41.2	108%	115	74%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	182	6	15	39%	30	68%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	183	11	31.8	84%	30	73%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	188	15	41.8	110%	67	73%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	189	15	38.6	102%	67	73%	FAMILY AND CONSUMER SCI
FLOWERS HALL	107	13	41	108%	21	97%	ENGLISH
FLOWERS HALL	111	11	35	92%	25	81%	ENGLISH
FLOWERS HALL	112	12	38	100%	21	99%	ENGLISH
FLOWERS HALL	113	10	32	84%	45	48%	ENGLISH
FLOWERS HALL	127	12	36	95%	25	80%	ENGLISH
FLOWERS HALL	128	13	39.2	103%	21	90%	ENGLISH
FLOWERS HALL	129	13	41.2	108%	21	96%	ENGLISH
FLOWERS HALL	130	10	31.8	84%	57	34%	ENGLISH
FLOWERS HALL	224	14	44.8	118%	25	83%	ENGLISH
FLOWERS HALL	225	15	44	116%	25	81%	ENGLISH
FLOWERS HALL	226	11	34.8	92%	25	88%	ENGLISH
FLOWERS HALL	227	11	35	92%	27	75%	ENGLISH
FLOWERS HALL	228	13	41	108%	25	84%	ENGLISH
FLOWERS HALL	229	10	32.2	85%	59	36%	ENGLISH
FLOWERS HALL	252	17	54.2	143%	25	85%	ENGLISH
FLOWERS HALL	254	12	36	95%	25	82%	ENGLISH
FLOWERS HALL	255	10	32	84%	21	101%	ENGLISH
FLOWERS HALL	256	13	41.2	108%	25	85%	ENGLISH
FLOWERS HALL	341	15	44.4	117%	205	87%	ENGLISH
FLOWERS HALL	G05	15	47.2	124%	21	94%	ENGLISH
FLOWERS HALL	G06C	15	47.2	124%	21	97%	ENGLISH
FLOWERS HALL	G12	15	47.2	124%	21	95%	ENGLISH
FREEMAN AQUATIC BIOLOGY	102	5	9.6	25%	60	34%	BIOLOGY
HINES ACADEMIC CENTER	201	10	27.6	73%	78	58%	REGISTRAR
HINES ACADEMIC CENTER	202	2	6.2	16%	80	43%	REGISTRAR
HINES ACADEMIC CENTER	203	15	48.4	127%	79	39%	CRIMINAL JUSTICE
HINES ACADEMIC CENTER	204	13	36.4	96%	142	80%	JOURNALISM & MASS COMM
HINES ACADEMIC CENTER	205	11	35.2	93%	122	84%	CRIMINAL JUSTICE
HINES ACADEMIC CENTER	206	18	47.6	125%	98	58%	CRIMINAL JUSTICE
HINES ACADEMIC CENTER	207	10	32.4	85%	92	56%	CRIMINAL JUSTICE
JEROME & CATHERINE SUPPLE SCIENCE	112	15	46.4	122%	100	87%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	116	15	48.8	128%	238	90%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	153	15	29	76%	41	58%	BIOLOGY

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
JEROME & CATHERINE SUPPLE SCIENCE	257	11	26.4	69%	58	42%	BIOLOGY
JOANN COLE MITTE	2118	8	24.2	64%	21	62%	ART
JOANN COLE MITTE	2121	16	53.4	141%	190	63%	ART
JOANN COLE MITTE	4113	6	40.8	107%	22	80%	ART
JOWERS CENTER	A202	15	39	103%	65	70%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A203	13	41	108%	49	57%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A204	13	35.4	93%	49	66%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A205	20	56	147%	49	52%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A206	17	47.6	125%	49	59%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A207	17	46	121%	55	40%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A209	16	42.8	113%	89	69%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A210	12	37.4	98%	60	58%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	A211	16	45	118%	70	59%	HEALTH/HUMAN PERFORMANCE
LAMPASAS	502B	18	46.6	123%	21	80%	HONORS COLLEGE
LBJ STUDENT CENTER	4-16.1	12	34.8	92%	398	93%	REGISTRAR
MUSIC	122	11	30	79%	30	63%	MUSIC
MUSIC	123	12	34.5	91%	28	47%	MUSIC
MUSIC	124	19	46.8	123%	28	69%	MUSIC
MUSIC	125	10	31.2	82%	40	39%	MUSIC
MUSIC	214	13	36.6	96%	62	39%	MUSIC
NUECES	201	20	34.8	92%	30	70%	SOCIAL WORK
NUECES	270	12	28.4	75%	36	67%	SOCIAL WORK
OLD MAIN	201	25	51.8	136%	49	42%	JOURNALISM & MASS COMM
OLD MAIN	232	25	55.2	145%	49	42%	JOURNALISM & MASS COMM
OLD MAIN	234	14	35.2	93%	77	48%	JOURNALISM & MASS COMM
OLD MAIN	320	13	30.4	80%	30	68%	JOURNALISM & MASS COMM
PEDERNALES	114	17	27.2	72%	28	80%	OCCUPATIONAL EDUCATION
ROY F. MITTE	3224	13	37.4	98%	92	62%	TECHNOLOGY
ROY F. MITTE	3241	11	28.6	75%	91	48%	TECHNOLOGY
ROY F. MITTE	4231	11	29	76%	50	54%	TECHNOLOGY
ROY F. MITTE	4232	10	32.2	85%	50	45%	INGRAM SCHOOL OF ENGR
ROY F. MITTE	4233	19	46.2	122%	50	68%	TECHNOLOGY
ROY F. MITTE	5242	31	40.4	106%	60	79%	INGRAM SCHOOL OF ENGR
TAYLOR-MURPHY HISTORY	101	16	49.4	130%	120	70%	HISTORY
TAYLOR-MURPHY HISTORY	104	12	36	95%	120	83%	HISTORY
TAYLOR-MURPHY HISTORY	106	17	52.6	138%	40	56%	HISTORY
TAYLOR-MURPHY HISTORY	110	15	44.2	116%	37	67%	HISTORY
TAYLOR-MURPHY HISTORY	201	13	40	105%	40	67%	HISTORY
THEATRE CENTER	201	16	41.6	109%	30	70%	THEATRE
UNDERGRADUATE ACADEMIC CENTER	105	17	54	142%	144	94%	POLITICAL SCIENCE

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
UNDERGRADUATE ACADEMIC CENTER	205	27	43.8	115%	32	90%	PSYCHOLOGY
UNDERGRADUATE ACADEMIC CENTER	208	13	41	108%	96	99%	PSYCHOLOGY
UNDERGRADUATE ACADEMIC CENTER	209	10	32	84%	100	92%	SOCIOLOGY
UNDERGRADUATE ACADEMIC CENTER	305	15	41.8	110%	32	58%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	306	18	48.6	128%	32	64%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	308	9	27	71%	80	43%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	309	15	45.6	120%	32	64%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	310	8	25.8	68%	80	41%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	405	8	25.8	68%	20	99%	SOCIOLOGY
UNDERGRADUATE ACADEMIC CENTER	406	10	36.6	96%	48	54%	POLITICAL SCIENCE
UNDERGRADUATE ACADEMIC CENTER	408	14	42.6	112%	48	82%	PSYCHOLOGY
UNDERGRADUATE ACADEMIC CENTER	409	14	39	103%	48	76%	SOCIOLOGY
UNDERGRADUATE ACADEMIC CENTER	410	15	47.2	124%	32	69%	SOCIOLOGY
UNDERGRADUATE ACADEMIC CENTER	411	10	32	84%	54	79%	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 42 hours or 111% of the Coordinating Board Utilization benchmark. The Average Percent Fill (PF) for the 3 teaching theatres was 90%.

Table 9: Teaching Theatre Schedules

Alkek Library 250: 16 Sections, 47.4 Hours (116 % of CB Benchmark), 386 Seats (PF 91%)

	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	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	PSY 3300	PSY 3300		5:00 PM	PSY 3300	PSY 3300

Centennial Hall 157: 16 Sections, 44.0 Hours (124% of CB Benchmark), 387 (PF 85%)

	MONDAY	WEDNESDAY	FRIDAY		TUESDAY	THURSDAY
8:00 AM	MC 3343	MC 3343	MC 3343	8:00 AM	MC 1301	MC 1301
9:00 AM	COMM 1310	COMM 1310	COMM 1310	9:30 AM	ENG 2360	ENG 2360
10:00 AM	COMM 1310	COMM 1310	COMM 1310			
11:00 AM	COMM 1310	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 2340	ENG 2340		2:00 PM	HIST 1320	HIST 1320
3:30 PM	HIST 1320	HIST 1320		3:30 PM	MC 3367	MC 3367
5:00 PM	POSI 2310	POSI 2310		5:00 PM		

LBJ Student Center 4-16.1*: 12 Sections, 34.7 Hours (92% of CB Benchmark), Seats 398 (PF 93%)

	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 2340	ENG 2340		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		

* Due to construction, 2 classes were moved to Evans Auditorium

UTILIZATION OF CLASSROOMS AT THE ROUND ROCK CAMPUS

As reflected in Table 10 below, there were 413 weekly hours instruction (132 course sections) scheduled in 25 classrooms in the Avery Building. On average, 16.5 hours of instruction were scheduled in each classroom and 11 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 47%. This is 18 percentage points below the Coordinating Boards benchmark for maximum points.

Table 10: Avery Building Classroom Utilization and Percent Fill

	2018					2017					COMPARISON			
ROOM	SECTS	HRS	UTIL	SEATS	PF	SECTS	HRS	UTIL	SEATS	PF	SECTS	HRS	UTIL	PF
123	9	31.2	82%	33	42%	5	17.6	46%	33	38%	4	13.6	36%	4%
204	2	6.8	18%	36	28%	4	13.6	36%	36	33%	-2	-6.8	-18%	-5%
301	2	7	18%	49	34%	3	10.2	27%	49	57%	-1	-3.2	-9%	-23%
308	4	13.6	36%	36	38%	6	17	45%	36	45%	-2	-3.4	-9%	-7%
312	4	13.6	36%	31	40%	1	3.4	9%	31	97%	3	10.2	27%	-57%
313	3	10.2	27%	28	33%	4	13.6	36%	28	82%	-1	-3.4	-9%	-49%
318	4	13.4	35%	36	60%	5	16.8	44%	36	35%	-1	-3.4	-9%	25%
357	9	20	53%	30	59%	9	23.4	62%	30	41%	0	-3.4	-9%	18%
358	5	16.4	43%	32	14%	3	10.2	27%	32	24%	2	6.2	16%	-10%
362	6	19.8	52%	32	48%	4	13.6	36%	32	55%	2	6.2	16%	-7%
363	6	20.2	53%	36	56%	5	13.6	36%	36	54%	1	6.6	17%	2%
364	3	10	26%	30	38%	3	10	26%	30	28%	0	0	0%	10%
366	6	20	53%	30	30%	6	20	53%	30	38%	0	0	0%	-8%
368	6	20.2	53%	35	34%	5	17	45%	35	55%	1	3.2	8%	-21%
403	10	26.6	70%	48	75%	5	16.8	44%	48	70%	5	9.8	26%	5%
404	3	10.2	27%	48	47%	4	13.6	36%	48	59%	-1	-3.4	-9%	-12%
405	7	20	53%	48	67%	5	16.4	43%	48	55%	2	3.6	10%	12%
406	9	25	66%	48	74%	4	11.2	29%	48	48%	5	13.8	37%	26%
407	7	22.8	60%	45	82%	4	13.6	36%	45	39%	3	9.2	24%	43%
408	5	16.4	43%	48	68%	4	12.8	34%	48	55%	1	3.6	9%	13%
414	2	6.8	18%	31	21%	2	6.8	18%	31	29%	0	0	0%	-8%
420	4	13.6	36%	32	27%	4	13.6	36%	32	52%	0	0	0%	-25%
451	4	13.6	36%	40	49%	4	13.6	36%	40	71%	0	0	0%	-22%
453	5	14.6	38%	46	63%	4	13.6	36%	46	61%	1	1	2%	2%
455	7	21	55%	48	59%	4	13.6	36%	48	46%	3	7.4	19%	13%

For comparison purposes, in 2018 there were 25 more sections (67.4 additional hours) scheduled in Avery Building classrooms than in 2017. The additional sections translated to a 7% increase in Utilization. The increase can be attributed to three (3) academic departments from the College of Health Professions (Communication Disorders, Physical Therapy, and Respiratory Care) moving to the Round Rock Campus from the San Marcos Campus. In addition, there was one (1) less classroom on record in Round Rock for fall 2018. There are currently no designated classrooms in the Nursing Building or Willow Hall.

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:
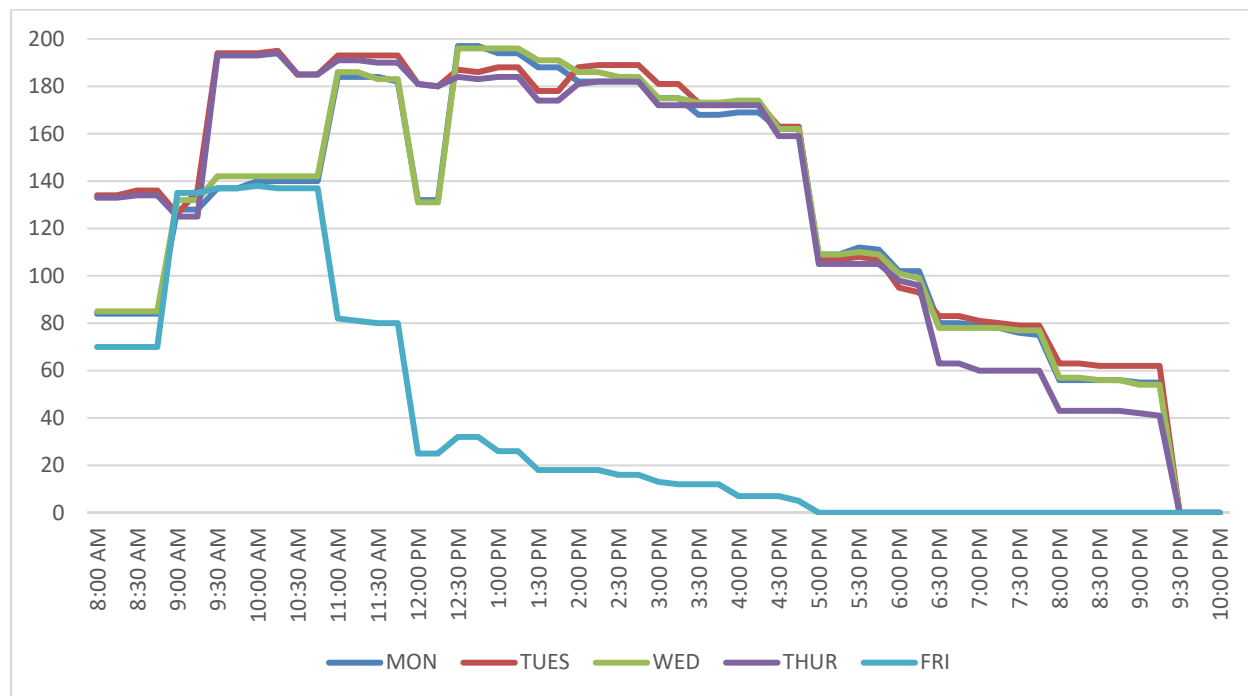
- A uniform class scheduling policy was approved beginning Spring 2009 and is described as follows:
- MWF morning classes begin at 8:00 am, 9:00 am, 10:00 am and 11:00 am for 50 minutes plus 10-minute passing time.
- MW classes begin at 12:30 pm, 2:00 pm, 3:30 pm, 5:00 pm, 6:30 pm, and 8:00 pm. MW morning lectures are allowed if Friday is used for lab and utilized the same room. Departments are allowed to teach up to 10% of their classes MW, from 11:00 am until 12:20 pm.
- With the Dean and Provost approvals, some classes may be offered at 11:00 am MWF and conclude earlier in the semester.
- TH classes begin at 8:00 am, 9:30 am, 11:00 am, 12:30 pm, 2:00 pm,3:30 pm, 5:00 pm, 6:30 pm, and 8:00 pm.
- No one-day a week morning classes allowed. 1 day-a-week classes are allowed 12:30 pm 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 Class Scheduling Committee (CSC) chaired by the Associate Vice President for Enrollment Management and Marketing.

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	40%	64%	41%	64%	33%
8:15 AM	40%	64%	41%	64%	33%
8:30 AM	40%	65%	41%	64%	33%
8:45 AM	40%	65%	41%	64%	33%
9:00 AM	61%	60%	63%	60%	65%
9:15 AM	61%	65%	63%	60%	65%
9:30 AM	66%	93%	68%	92%	66%
9:45 AM	66%	93%	68%	92%	66%
10:00 AM	67%	93%	68%	92%	66%
10:15 AM	67%	93%	68%	93%	66%
10:30 AM	67%	89%	68%	89%	66%
10:45 AM	67%	89%	68%	89%	66%
11:00 AM	88%	92%	89%	91%	39%
11:15 AM	88%	92%	89%	91%	39%
11:30 AM	88%	92%	88%	91%	38%
11:45 AM	87%	92%	88%	91%	38%
12:00 PM	63%	87%	63%	87%	12%
12:15 PM	63%	86%	63%	86%	12%
12:30 PM	94%	89%	94%	88%	15%
12:45 PM	94%	89%	94%	88%	15%
1:00 PM	93%	90%	94%	88%	12%
1:15 PM	93%	90%	94%	88%	12%
1:30 PM	90%	85%	91%	83%	9%
1:45 PM	90%	85%	91%	83%	9%
2:00 PM	87%	90%	89%	87%	9%
2:15 PM	87%	90%	89%	87%	9%
2:30 PM	87%	90%	88%	87%	8%
2:45 PM	87%	90%	88%	87%	8%
3:00 PM	84%	87%	84%	82%	6%
3:15 PM	84%	87%	84%	82%	6%
3:30 PM	80%	83%	83%	82%	6%
3:45 PM	80%	83%	83%	82%	6%
4:00 PM	81%	83%	83%	82%	3%
4:15 PM	81%	83%	83%	82%	3%
4:30 PM	78%	78%	78%	76%	3%
4:45 PM	78%	78%	78%	76%	2%
5:00 PM	52%	51%	52%	50%	0%
5:15 PM	52%	51%	52%	50%	0%
5:30 PM	54%	52%	53%	50%	0%
5:45 PM	53%	51%	52%	50%	0%
6:00 PM	49%	45%	48%	47%	0%
6:15 PM	49%	44%	47%	46%	0%
6:30 PM	38%	40%	37%	30%	0%
6:45 PM	38%	40%	37%	30%	0%
7:00 PM	38%	39%	37%	29%	0%
7:15 PM	37%	38%	37%	29%	0%
7:30 PM	36%	38%	37%	29%	0%
7:45 PM	36%	38%	37%	29%	0%
8:00 PM	27%	30%	27%	21%	0%
8:15 PM	27%	30%	27%	21%	0%
8:30 PM	27%	30%	27%	21%	0%
8:45 PM	27%	30%	27%	21%	0%
9:00 PM	26%	30%	26%	20%	0%
9:15 PM	26%	30%	26%	20%	0%
9:30 PM	0%	0%	0%	0%	0%
9:45 PM	0%	0%	0%	0%	0%
10:00 PM	0%	0%	0%	0%	0%

<20	20-239%	40-59%	60-79%	>=80%

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

Friday classes:
- In total, 716 of 5273 course sections (14%) convene on Fridays.
- Six (6) academic departments each scheduled 40 or more sections on Friday; Music (60), Math (58), Philosophy (55), Biology (49), English (48), Theatre (42)
- Seven (7) departments did not centrally schedule a course on Fridays: Aerospace Studies, Healthcare Administration, International Studies, Military Science, Nursing, Occupational Education and Sociology.

Classes taught at or before 8:00 am:
- In total, 487 of 5273 sections (9%) convene at or before 8:00 am
- Only Biology (72) scheduled 40 or more sections at 8:00 am.
- Nine (5) academic departments did not centrally schedule a course at or before 8:00 am; Aerospace Studies, 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 2017 there were 128 Class Labs on inventory. The following space use changes were made for fall 2018. The net result is 129 class labs.

- Rooms removed from the inventory of Class Labs
    - Encino Hall 104- under renovation: conversion to classroom in process
    - Encino Hall 305- under renovation: conversion to computer lab in process
    - JCM 4127B- reclassified to a Special Class Open Lab
    - Old Main, 324- reclassified to office space Adjunct Faculty
    - Roy F. Mitte 4234A- reclassified to Lab Service

- Rooms added to the inventory of Class Labs
    - Derrick Hall 233- previously coded as a special class lab
    - Family and Consumer Sciences 179- previously coded as study space
    - Joann Cole Mitte 4127A- previously coded as special class lab
    - Willow Hall 033, 227, 333A- new construction

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 2017.

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	5	16.8	67%	26	88%	CURRICULUM & INSTRUCTION
ACADEMIC SERVICES BUILDING NORTH	450B	10	33.6	134%	32	65%	CURRICULUM & INSTRUCTION
AGRICULTURE	101	6	13.8	55%	30	92%	AGRICULTURE
CHEMISTRY	109	7	50.6	202%	24	39%	CHEMISTRY
CHEMISTRY	110	19	64.6	258%	24	75%	CHEMISTRY
CHEMISTRY	113	18	61.2	245%	24	72%	CHEMISTRY
CHEMISTRY	114	19	64.6	258%	24	84%	CHEMISTRY
CHEMISTRY	117	19	64.6	258%	24	90%	CHEMISTRY
CHEMISTRY	229	18	61.2	245%	15	100%	CHEMISTRY
CHEMISTRY	232	15	51	204%	22	57%	CHEMISTRY
CHEMISTRY	327	15	64.6	258%	25	85%	CHEMISTRY
DERRICK HALL	122	16	44.2	177%	40	77%	MATHEMATICS
DERRICK HALL	233	14	44.4	178%	34	72%	MATHEMATICS
DERRICK HALL	236	21	33.6	134%	16	110%	COMPUTER SCIENCE
DERRICK HALL	325	13	20.8	83%	23	67%	COMPUTER SCIENCE
DERRICK HALL	338	11	34.6	138%	38	65%	MATHEMATICS
DERRICK HALL	339	10	31.6	126%	40	44%	MATHEMATICS
EMMETT & MIRIAM McCOY HALL	332	9	28.8	115%	48	56%	COMPUTER INFO SYSTEMS
EMMETT & MIRIAM McCOY HALL	334	19	60.8	243%	56	89%	COMPUTER INFO SYSTEMS
ENCINO HALL	218	9	20.4	82%	16	81%	RADIATION THERAPY

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
ENCINO HALL	307	2	8.8	35%	24	38%	CLINICAL LAB
ENCINO HALL	334	5	18	72%	20	51%	CLINICAL LAB
ENCINO HALL	335	4	18.4	74%	24	79%	PHYSICAL THERAPY
ENCINO HALL	346	4	15.6	62%	10	95%	CLINICAL LAB
EVANS LIBERAL ARTS	121	8	17.6	70%	20	78%	GEOGRAPHY
EVANS LIBERAL ARTS	123	17	42	168%	24	80%	GEOGRAPHY
EVANS LIBERAL ARTS	149	10	22	88%	21	95%	GEOGRAPHY
EVANS LIBERAL ARTS	155	21	26.2	105%	22	81%	GEOGRAPHY
EVANS LIBERAL ARTS	156	6	15.6	62%	20	75%	GEOGRAPHY
EVANS LIBERAL ARTS	224	18	39.6	158%	40	71%	PSYCHOLOGY
EVANS LIBERAL ARTS	226	7	22	88%	30	48%	ANTHROPOLOGY
EVANS LIBERAL ARTS	227	9	19.4	78%	48	29%	ANTHROPOLOGY
EVANS LIBERAL ARTS	273	14	22.4	90%	28	96%	ANTHROPOLOGY
FAMILY & CONSUMER SCIENCES	132	6	32	128%	25	74%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	141	8	22.6	90%	36	91%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	179	3	16.2	65%	30	61%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	187	8	17.6	70%	24	80%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	203	2	12.8	51%	20	90%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	205	3	20	80%	20	72%	FAMILY AND CONSUMER SCI
FAMILY & CONSUMER SCIENCES	216	5	32	128%	20	75%	FAMILY AND CONSUMER SCI
FLOWERS HALL	114	8	25.6	102%	25	94%	ENGLISH
FLOWERS HALL	120	5	16	64%	25	89%	ENGLISH
FLOWERS HALL	G14	9	28.2	113%	25	100%	ENGLISH
JEROME & CATHERINE SUPPLE SCIENCE	128	23	50.6	202%	25	98%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	133	16	54.4	218%	21	70%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	135	12	40.8	163%	20	79%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	137	12	40.8	163%	16	99%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	139	12	26.4	106%	25	93%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	141	10	22	88%	36	54%	PHYSICS
JEROME & CATHERINE SUPPLE SCIENCE	176	16	34.8	139%	23	51%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	222	11	24.2	97%	24	92%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	224	15	41.2	165%	24	83%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	227	13	44.2	177%	24	68%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	233	16	54.4	218%	16	95%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	239	11	37.4	150%	20	97%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	243	5	18.4	74%	29	37%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	255	24	81.6	326%	24	97%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	261	15	24	96%	24	58%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	265	6	15	60%	24	61%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	270	16	54.4	218%	16	99%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	326	10	26.8	107%	18	90%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	343	8	27.2	109%	16	87%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	359	12	34	136%	21	44%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	363	14	47.6	190%	17	94%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	369	15	51	204%	16	98%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	372	12	40.2	161%	20	83%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	422	20	68	272%	19	98%	BIOLOGY

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
JEROME & CATHERINE SUPPLE SCIENCE	424	18	61.2	245%	18	102%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	429	16	54.4	218%	20	99%	BIOLOGY
JEROME & CATHERINE SUPPLE SCIENCE	433	20	68	272%	18	105%	BIOLOGY
JOANN COLE MITTE	1113A	11	60.8	243%	19	79%	ART
JOANN COLE MITTE	1118	8	27.2	109%	30	54%	ART
JOANN COLE MITTE	1124	5	34	136%	36	43%	ART
JOANN COLE MITTE	1126	7	20.4	82%	33	39%	ART
JOANN COLE MITTE	1127	16	40.8	163%	53	28%	ART
JOANN COLE MITTE	1128	8	54.4	218%	21	62%	ART
JOANN COLE MITTE	1129	7	40.8	163%	22	66%	ART
JOANN COLE MITTE	1130	9	54.4	218%	20	83%	ART
JOANN COLE MITTE	2115	8	54.4	218%	20	80%	ART
JOANN COLE MITTE	2119	15	54.4	218%	20	81%	ART
JOANN COLE MITTE	2120	9	59.2	237%	21	73%	ART
JOANN COLE MITTE	2131	8	54.4	218%	21	74%	ART
JOANN COLE MITTE	3102C	4	27.2	109%	21	69%	ART
JOANN COLE MITTE	3107E	6	40.8	163%	21	62%	ART
JOANN COLE MITTE	3107F	5	34	136%	21	71%	ART
JOANN COLE MITTE	3107G	7	45.6	182%	21	74%	ART
JOANN COLE MITTE	3107J	8	48.8	195%	20	70%	ART
JOANN COLE MITTE	3118	5	34	136%	21	67%	ART
JOANN COLE MITTE	4105	14	50.4	202%	19	89%	ART
JOANN COLE MITTE	4107	6	40.8	163%	20	73%	ART
JOANN COLE MITTE	4107A	4	6.8	27%	20	80%	ART
JOANN COLE MITTE	4112	8	34	136%	18	78%	ART
JOANN COLE MITTE	4127A	8	54.4	218%	20	79%	ART
JOWERS CENTER	B140	8	27.2	109%	15	111%	THEATRE
JOWERS CENTER	B175	15	41.2	165%	35	47%	THEATRE
JOWERS CENTER	B178	11	32.2	129%	25	67%	THEATRE
JOWERS CENTER	D106	14	30	120%	20	68%	HEALTH/HUMAN PERFORMANCE
JOWERS CENTER	D112	13	28.6	114%	20	72%	HEALTH/HUMAN PERFORMANCE
MUSIC	121	14	42	168%	15	67%	MUSIC
MUSIC	216	28	55.8	223%	42	46%	MUSIC
MUSIC	221	17	43.2	173%	24	71%	MUSIC
MUSIC	222	26	45.4	182%	50	68%	MUSIC
MUSIC	224	24	62	248%	50	179%	MUSIC
OLD MAIN	106B	20	67.8	271%	20	93%	MASS COMMUNICATION
OLD MAIN	212	18	59.6	238%	20	85%	JOURNALISM & MASS COMM
OLD MAIN	238	14	40.6	162%	20	83%	JOURNALISM & MASS COMM
PERFORMING ARTS CENTER	209E	12	36.8	147%	12	100%	THEATRE
PERFORMING ARTS CENTER	310	9	30.1	120%	14	100%	THEATRE
PERFORMING ARTS CENTER	311	7	13	52%	11	36%	THEATRE
ROY F. MITTE	1239	17	44	176%	30	88%	INGRAM SCHOOL OF ENGR
ROY F. MITTE	1240	22	45.4	182%	36	70%	TECHNOLOGY
ROY F. MITTE	3223	12	37	148%	19	79%	PHYSICS
ROY F. MITTE	4234	15	38	152%	40	53%	TECHNOLOGY
ROY F. MITTE	4236	14	27.8	111%	24	101%	TECHNOLOGY

BUILDING	ROOM	SECTS	HRS	UTIL	SEATS	PF	DEPARTMENT
ROY F. MITTE	5213	12	35.8	143%	24	95%	INGRAM SCHOOL OF ENGR
ROY F. MITTE	5216	19	52.8	211%	24	84%	INGRAM SCHOOL OF ENGR
ROY F. MITTE	5233	18	43	172%	31	96%	INGRAM SCHOOL OF ENGR
ROY F. MITTE	5246	15	48.4	194%	24	84%	INGRAM SCHOOL OF ENGR
THEATRE CENTER	104	13	38.2	153%	18	73%	THEATRE
THEATRE CENTER	106	14	45	180%	23	64%	THEATRE
THEATRE CENTER	113	12	38.2	153%	24	81%	THEATRE
THEATRE CENTER	206	16	46	184%	110	51%	THEATRE
THEATRE CENTER	209	12	38	152%	100	34%	THEATRE
THEATRE CENTER	216	13	32.2	129%	19	65%	THEATRE
UNDERGRADUATE ACADEMIC CENTER	342	5	11.6	46%	29	84%	POLITICAL SCIENCE
WILLOW HALL	227	8	28	112%	30	103%	RESPIRATORY CARE
WILLOW HALL	33	5	24	96%	5	257%	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).