

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

TABLE 6

The average student station hours in laboratories is the ratio of total student hours of instruction in laboratories per week to the total number of student stations in available teaching rooms. The number of hours that the course meets each week is computed by rounding the class length to the nearest half hour and multiplying by the number of times the class meets weekly. This is then multiplied by the number of students enrolled. This figure is then divided by the total number of student stations in laboratories (capacity in available teaching labs).

It is expected that in an institution where the level of the course and the degree of specialization increase, such as in those institutions with graduate programs in agriculture and engineering, there will be a decrease in occupancy ratio.

"Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. "All hours" is the sum of "daytime" and "nighttime" utilization.

Norm: 16 hours per week.

$$\text{Average Student Station Hours} = \frac{\text{Total Student Hours of Instruction in Laboratories}}{\text{Total Student Stations in Laboratories}}$$

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE	
Mon	13:00 - 16:00	17	210	1 day * 3 hours * 17 = 51
Tues.	13:30 - 16:30	14	210	1 day * 3 hours * 14 = 42
Mon./Wed./Fri.	09:00 - 10:00	25	210	3 days * 1 hour * 25 = 75
Mon./Wed./Fri.	10:00 - 11:00	35	210	3 days * 1 hour * 35 = 105
Tues./Thurs.	11:00 - 12:30	30	210	2 days * 1.5 hr * 30 = 90
Wed.	11:00 - 14:00	29	210	1 day * 3 hours * 29 = 87
Fri.	11:00 - 14:00	21	210	1 day * 3 hours * 21 = 63
Mon.	13:00 - 16:00	22	210	1 day * 3 hours * 22 = 66
Wed.	18:00 - 21:00	13	210	1 day * 3 hours * 13 = 39
Mon.	19:00 - 22:00	16	210	1 days * 3 hours * 16 = 48

TOTAL 666

The last two classes in the sample data start after 17:00 which is considered nighttime, so 87 hours would be used for the nighttime calculation. The remaining 579 would be used for the daytime calculation. 666 would be used for the calculation of all hours.

$$\frac{\text{Daytime Student Hours in Class Laboratories} = 579}{\text{Total Student Stations in Class Laboratories} = 2457} = .2356$$

$$\frac{\text{Nighttime Student Hours in Class Laboratories} = 87}{\text{Total Student Stations in Class Laboratories} = 2457} = .0354$$

$$\frac{\text{Total Student Hours in Class Laboratories} = 666}{\text{Total Student Stations in Class Laboratories} = 2457} = .2710$$

The report for one institution would look like this:

	FTE	No. of Stations	Daytime	Nighttime	All Hours
Institution	5,411	2,457	.2356	.0354	.2710

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IN CLASS LABORATORIES

INSTITUTION		NUMBER OF STATIONS			ALL HOURS					
		DAYTIME	NIGHTTIME		2018	2017	2016	2015	2014	
PUBLIC FOUR YEAR INSTITUTION		FTE								
Grambling State University	4,579	2,560	2.3	0.1	2.5	2.5	2.8	2.1	2.3	
Louisiana Tech University	10,353	1,728	8.8	0.1	9.0	10.0	10.5	9.7	8.6	
McNeese State University	6,676	585	9.7	2.3	12.1	8.4	10.9	8.1	9.2	
Nicholls State University	5,585	2,797	7.5	0.2	7.7	7.3	6.3	6.2	6.9	
University of Louisiana in Monroe	7,491	1,455	5.8	0.4	6.2	5.3	5.3	4.9	4.9	
Northwestern State University	8,356	2,159	14.2	0.7	15.0	14.6	9.8	8.7	9.2	
Southeastern Louisiana University	11,117	3,633	7.4	0.2	7.7	6.5	8.4	7.9	8.2	
University of Louisiana in Lafayette	14,520	1,727	7.3	0.7	8.0	8.5	9.4	9.0	9.8	
LSU at Alexandria	6,245	2,952	3.6	0.3	4.0	7.1	5.6	7.6	5.8	
LSU-A&M (Including Ag. & Law)	2,307	531	5.6	0.1	5.7	8.7	4.6	6.6	7.2	
LSU in Shreveport	28,575	8,299	3.7	0.2	3.9	4.1	4.3	4.9	5.4	
University of New Orleans	4,168	877	3.7	0.6	4.3	4.0	4.0	4.0	4.0	
Southern University A&M(Including Law)	5,807	4,469	2.4	0.6	3.1	3.3	3.3	3.5	4.6	
Southern University at New Orleans	1,877	396	2.9	0.5	3.4	3.4	3.9	3.8	5.4	
PUBLIC TWO YEAR INSTITUTIONS										
LSU at Eunice	2,147	243	4.7	0.0	4.7	4.5	3.9	6.2	4.3	
Southern University at Shreveport	1,804	713	1.4	0.4	1.9	4.2	6.1	4.9	5.5	
Baton Rouge Community College	5,379	1467	34.5	3.0	37.5	18.0	16.9	20.2	16.7	
Bossier Parish Community College	4,366	1384	6.5	1.4	8.0	75.2	10.2	10.5	11.8	
Delgado Community College	8,690	2,495	6.4	1.2	7.7	9.2	8.1	10.7	11.0	
Nunez Community College	1,412	144	0.1	0.9	1.0	1.2	0.4	0.0	0.0	
River Parishes Community College	1,307	935	8.1	0.7	8.9	1.9	1.9	5.5	4.0	
South Louisiana Community College	3,272	1172	5.8	0.7	6.5	16.2	37.7	36.6	24.8	
Acadian	87	397	3.5	0.0	3.5	2.8	2.4	4.2	6.5	
Charles B. Coreil	41	122	1.7	0.0	1.7	2.5	0.0	15.1	1.7	
Evangeline	86	74	1.4	0.0	1.4	0.0	0.0	10.1	3.9	
Gulf Area	86	464	4.0	0.0	4.0	3.8	3.5	5.1	5.2	

Lafayette	246	717	14.0	0.4	14.5	11.1	0.1	8.8	8.9
T. H. Harris	230	437	2.0	0.0	2.0	3.2	3.2	5.8	4.4
Young Memorial	127	111	8.9	0.0	8.9	10.4	10.8	6.3	21.2
Louisiana Delta Community College	1,463	300	5.3	0.8	6.2	7.5	7.5	6.1	6.4
Bastrop	124	169	43.7	0.0	43.7	42.1	42.1	16.9	18.4
Delta Ouachita	395	829	8.2	0.9	9.1	18.5	18.4	13.2	0.0
Northeast	165	66	3.9	2.4	6.3	2.2	42.3	21.2	28.0
Ruston	189	240	31.8	2.2	34.1	53.6	53.6	25.1	0.0
Tallulah	134	99	22.7	3.4	26.2	34.4	34.4	39.8	35.0
L. E. Fletcher Tech Community College	1,342	650	6.0	0.3	6.3	4.3	4.7	4.8	35.4
Sowela Technical Community College	2,300	2,703	29.4	0.5	30.0	34.8	30.3	25.4	19.7
Central LA Technical College									
Alexandria	589	476	13.3	0.1	13.4	9.4	19.3	9.9	8.8
Avoyelles	184	180	9.2	0.0	9.2	10.4	12.9	8.9	16.7
Huey P. Long	109	204	3.9	0.0	3.9	5.4	16.3	6.8	12.6
Lamar Salter	162	273	16.9	0.0	16.9	5.6	9.9	7.5	2.4
Shelby Jackson	231	91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College									
Mansfield	124	133	11.7	0.0	11.7	12.6	27.6	9.2	14.2
Natchitoches	204	240	11.0	0.1	11.2	10.5	12.6	11.1	12.1
Northwest	302	427	9.5	1.0	10.6	8.2	7.0	12.3	12.7
Sabine Valley	119	45	0.0	0.0	0.0	0.0	16.4	0.0	0.0
Shreveport Bossier	263	616	4.2	0.0	4.2	1.4	4.9	3.9	3.6
Northshore Technical Community College									
Sullivan	413	437	6.5	0.6	7.1	5.5	9.5	7.1	6.2

*DOES NOT INCLUDE SATURDAY CLASSES

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