

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		2024	2023	2022	2021	2019	
PUBLIC FOUR YEAR INSTITUTIONS		FTE								
Grambling State University	4485	2,513	2.04	0.20	2.24	2.1	2.3	1.8	2.7	
Louisiana Tech University	10141	2,129	10.38	0.04	10.42	10.6	9.0	8.6	5.9	
McNeese State University	5462	271	9.96	1.49	11.45	11.0	10.4	10.4	11.2	
Nicholls State University	5032	1,820	9.82	0.19	10.01	9.5	10.5	11.0	10.5	
University of Louisiana in Monroe	6785	1458	4.3	0.1	4.47	4.2	3.7	4.4	5.5	
Northwestern State University	6182	2,367	36.57	0.57	37.14	37.1	38.6	37.4	15.4	
Southeastern Louisiana University	10421	2,229	8.07	0.40	8.47	8.4	8.6	6.6	6.4	
University of Louisiana in Lafayette	13641	1,776	5.69	0.42	6.11	6.1	6.1	6.2	7.3	
LSU at Alexandria	4632	514	4.98	0.00	4.98	3.1	2.8	4.4	4.0	
LSU-A&M (Including Ag. & Law)	37650	6215	6.59	0.35	6.94	6.7	4.5	4.4	6.0	
LSU in Shreveport	6450	849	3.48	0.33	3.81	3.9	3.4	3.4	4.4	
University of New Orleans	5080	2772	3.04	0.28	3.32	3.2	2.6	3.4	5.2	
Southern University A&M(Including Law)	7423	2,282	1.79	0.30	2.09	2.3	2.3	1.5	3.1	
Southern University at New Orleans	1486	341	3.11	0.18	3.29	3.3	2.7	2.7	3.7	
PUBLIC TWO YEAR INSTITUTIONS										
LSU at Eunice	2314	234	3.20	0.00	3.20	3.4	3.2	9.4	5.1	
Southern University at Shreveport	1910	542	0.64	0.00	0.64	0.5	0.6	1.0	2.1	
Baton Rouge Community College	6543	1802	3.13	0.35	3.48	1.8	2.4	2.7	26.6	
Bossier Parish Community College	3350	1666	3.93	0.31	4.24	2.8	3.2	3.1	5.7	
Delgado Community College	7733	3,312	3.73	0.49	4.22	9.9	6.2	2.8	7.1	
Nunez Community College	1672	435	4.56	0.70	5.26	4.8	5.1	4.7	4.1	
River Parishes Community College	1152	1028	1.99	0.06	2.05	2.8	2.3	2.5	4.2	
South Louisiana Community College	3127	1171	8.08	0.94	9.02	8.4	7.8	6.0	8.7	
Acadian	102	347	4.56	0.00	4.56	4.6	5.5	4.1	3.2	
Charles B. Coreil						0	2.3	2.1	0.0	
Evangeline						0	5.8	0.0	0.0	
Gulf Area	159	462	5.72	0.00	5.72	6.7	3.2	2.3	3.8	
Lafayette	64	747	11.90	0.27	12.17	15.0	11.5	11.9	10.2	
T. H. Harris	393	862	5.40	0.03	5.43	5.3	1.6	1.9	2.3	
Young Memorial	113	111	4.14	0.76	4.90	4.6	4.0	3.2	1.4	
Louisiana Delta Community College	1235	1599	21.47	2.54	24.01	10.5	10.7	12.6	6.2	

L. E. Fletcher Tech Community College	1577	500	5.19	0.00	5.19	5.8	7.5	2.8	5.1
Sowela Technical Community College	2082	3,812	12.31	0.36	12.67	10.4	27.5	22.2	26.8
Central LA Technical College									
Alexandria						0.0	0.0	0.0	2.3
Avoyelles	141	365	26.14	0.00	26.14	3.7	19.9	6.5	10.1
Huey P. Long	218	164	23.95	0.00	23.95	5.2	13.3	1.1	6.5
Shelby Jackson	138					0.0	0.0	0.0	0.0
Northwest LA Technical College	694	806	6.81	3.41	10.22	12.9	12.9	10.2	
Northshore Technical Community College									
Florida Parish	197	30	2.63	0.00	2.63	1.7	5.3	0.1	
Hammond	607	121	9.95	0.00	9.95	8.1	7.0	9.8	
Lacombe	1087	169	7.73	1.62	9.35	14.4	16.4	29.8	
Livingston	579	75	5.96	0.00	5.96	9.7	9.6	14.9	
Sullivan						0.0	0.0	0.3	10.3

*DOES NOT INCLUDE SATURDAY CLASSES

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