

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

**TABLE 6
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INSTITUTION		NUMBER OF STATIONS	DAYTIME	NIGHTTIME	ALL HOURS					
					2023	2022	2021	2019	2018	
PUBLIC FOUR YEAR INSTITUTION		FTE								
Grambling State University	4,383	2,513	1.9	0.2	2.1	2.3	1.8	2.7	2.5	
Louisiana Tech University	9,757	2,079	10.6	0.0	10.6	9.0	8.6	5.9	9.0	
McNeese State University	5,302	289	9.8	1.2	11.0	10.4	10.4	11.2	12.1	
Nicholls State University	5,127	1,820	9.0	0.5	9.5	10.5	11.0	10.5	7.7	
University of Louisiana in Monroe	6,588	1,458	4.1	0.1	4.2	3.7	4.4	5.5	6.2	
Northwestern State University	6,408	2,367	36.6	0.6	37.1	38.6	37.4	15.4	15.0	
Southeastern Louisiana University	10,254	2,197	8.0	0.4	8.4	8.6	6.6	6.4	7.7	
University of Louisiana in Lafayette	13,272	1,656	5.5	0.6	6.1	6.1	6.2	7.3	8.0	
LSU at Alexandria	3,541	514	3.1	0.0	3.1	2.8	4.4	4.0	4.0	
LSU-A&M (Including Ag. & Law)	35,931	6686	6.5	0.2	6.7	4.5	4.4	6.0	5.7	
LSU in Shreveport	5,700	849	3.5	0.4	3.9	3.4	3.4	4.4	3.9	
University of New Orleans	4,977	2772	2.8	0.3	3.2	2.6	3.4	5.2	4.3	
Southern University A&M(Including Law)	7,178	2,282	1.9	0.4	2.3	2.3	1.5	3.1	3.1	
Southern University at New Orleans	1,381	341	2.8	0.5	3.3	2.7	2.7	3.7	3.4	
PUBLIC TWO YEAR INSTITUTIONS										
LSU at Eunice	2,300	234	3.4	0.0	3.4	3.2	9.4	5.1	4.7	
Southern University at Shreveport	1,896	542	0.5	0.0	0.5	0.6	1.0	2.1	1.9	
Baton Rouge Community College	6,081	1975	1.6	0.2	1.8	2.4	2.7	26.6	37.5	
Bossier Parish Community College	3,606	2251	2.6	0.2	2.8	3.2	3.1	5.7	8.0	
Delgado Community College	7,322	3,862	9.5	0.5	9.9	6.2	2.8	7.1	7.7	
Nunez Community College	1,614	325	4.3	0.5	4.8	5.1	4.7	4.1	1.0	
River Parishes Community College	1,690	1028	2.7	0.1	2.8	2.3	2.5	4.2	8.9	
South Louisiana Community College	3,096	1171	8.3	0.2	8.4	7.8	6.0	8.7	6.5	
Acadian	82	347	4.6	0.0	4.6	5.5	4.1	3.2	3.5	
Charles B. Coreil	44	0	0	0	0	2.3	2.1	0.0	1.7	
Evangeline	57	0	0	0	0	5.8	0.0	0.0	1.4	
Gulf Area	150	462	6.7	0.0	6.7	3.2	2.3	3.8	4.0	

Lafayette	451	747	14.6	0.5	15.0	11.5	11.9	10.2	14.5
T. H. Harris	356	862	5.3	0.0	5.3	1.6	1.9	2.3	2.0
Young Memorial	102	111	4.0	0.7	4.6	4.0	3.2	1.4	8.9
Louisiana Delta Community College	2,254	1535	9.4	1.1	10.5	10.7	12.6	6.2	6.2
L. E. Fletcher Tech Community College	1,529	427	5.8	0.0	5.8	7.5	2.8	5.1	6.3
Sowela Technical Community College	2,365	3,636	10.1	0.2	10.4	27.5	22.2	26.8	30.0
Central LA Technical College									
Alexandria	414	0	0.0	0.0	0.0	0.0	0.0	2.3	13.4
Avoyelles	117	365	3.7	0.0	3.7	19.9	6.5	10.1	9.2
Huey P. Long	190	164	4.2	1.06	5.2	13.3	1.1	6.5	3.9
Shelby Jackson	118	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College	682	588	12.0	1.0	12.9	12.9	10.2		
Northshore Technical Community College									
Florida Parish	195	30	1.7	0.0	1.7	5.3	0.1		
Hammond	590	121	8.1	0.0	8.1	7.0	9.8		
Lacombe	986	169	12.5	1.9	14.4	16.4	29.8		
Livingston	432	75	9.7	0.0	9.7	9.6	14.9		
Sullivan	362	0	0.0	0.0	0.0	0.0	0.3	10.3	7.1

*DOES NOT INCLUDE SATURDAY CLASSES

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