

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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INSTITUTION		NUMBER OF STATIONS			ALL HOURS					
		DAYTIME	NIGHTTIME		2019	2018	2017	2016	2015	
PUBLIC FOUR YEAR INSTITUTION		FTE								
Grambling State University	4,554	2,560	2.5	0.1	2.7	2.5	2.5	2.8	2.1	
Louisiana Tech University	10,085	2,298	5.8	0.1	5.9	9.0	10.0	10.5	9.7	
McNeese State University	6,378	585	8.9	2.2	11.2	12.1	8.4	10.9	8.1	
Nicholls State University	5,653	1,820	10.0	0.5	10.5	7.7	7.3	6.3	6.2	
University of Louisiana in Monroe	7,273	1,432	5.1	0.4	5.5	6.2	5.3	5.3	4.9	
Northwestern State University	8,308	2,324	14.6	0.8	15.4	15.0	14.6	9.8	8.7	
Southeastern Louisiana University	11,195	3,168	6.1	0.2	6.4	7.7	6.5	8.4	7.9	
University of Louisiana in Lafayette	14,140	1,789	6.7	0.6	7.3	8.0	8.5	9.4	9.0	
LSU at Alexandria	6,259	2,952	3.6	0.3	4.0	4.0	7.1	5.6	7.6	
LSU-A&M (Including Ag. & Law)	2,397	531	5.8	0.2	6.0	5.7	8.7	4.6	6.6	
LSU in Shreveport	29,177	8,859	4.2	0.2	4.4	3.9	4.1	4.3	4.9	
University of New Orleans	5,000	877	4.5	0.7	5.2	4.3	4.0	4.0	4.0	
Southern University A&M(Including Law)	6,614	4,491	2.4	0.6	3.1	3.1	3.3	3.3	3.5	
Southern University at New Orleans	1,804	346	3.0	0.6	3.7	3.4	3.4	3.9	3.8	
PUBLIC TWO YEAR INSTITUTIONS										
LSU at Eunice	2,033	250	5.1	0.0	5.1	4.7	4.5	3.9	6.2	
Southern University at Shreveport	2,067	552	1.8	0.2	2.1	1.9	4.2	6.1	4.9	
Baton Rouge Community College	5,213	2027	24.4	2.2	26.6	37.5	18.0	16.9	20.2	
Bossier Parish Community College	4,200	1903	4.7	0.9	5.7	8.0	75.2	10.2	10.5	
Delgado Community College	8,567	2,495	5.8	1.2	7.1	7.7	9.2	8.1	10.7	
Nunez Community College	1,354	301	3.2	0.8	4.1	1.0	1.2	0.4	0.0	
River Parishes Community College	1,111	967	3.7	0.4	4.2	8.9	1.9	1.9	5.5	
South Louisiana Community College	3,346	1172	8.2	0.4	8.7	6.5	16.2	37.7	36.6	
Acadian	89	397	3.2	0.0	3.2	3.5	2.8	2.4	4.2	
Charles B. Coreil	64	122	0.0	0.0	0.0	1.7	2.5	0.0	15.1	
Evangeline	95	74	0.0	0.0	0.0	1.4	0.0	0.0	10.1	
Gulf Area	178	464	3.8	0.0	3.8	4.0	3.8	3.5	5.1	

Lafayette	419	747	9.8	0.3	10.2	14.5	11.1	0.1	8.8
T. H. Harris	276	419	2.3	0.0	2.3	2.0	3.2	3.2	5.8
Young Memorial	138	111	1.4	0.0	1.4	8.9	10.4	10.8	6.3
Louisiana Delta Community College	1,614	300	5.3	0.8	6.2	6.2	7.5	7.5	6.1
Bastrop	127	169	43.7	0.0	43.7	43.7	42.1	42.1	16.9
Delta Ouachita	496	829	8.2	0.9	9.1	9.1	18.5	18.4	13.2
Northeast	262	66	3.9	2.4	6.3	6.3	2.2	42.3	21.2
Ruston	212	240	32.9	2.2	35.2	34.1	53.6	53.6	25.1
Tallulah	135	99	22.7	3.4	26.2	26.2	34.4	34.4	39.8
L. E. Fletcher Tech Community College	1,468	650	5.0	0.1	5.1	6.3	4.3	4.7	4.8
Sowela Technical Community College	2,477	2,695	26.3	0.5	26.8	30.0	34.8	30.3	25.4
Central LA Technical College									
Alexandria	490	476	2.3	0.0	2.3	13.4	9.4	19.3	9.9
Avoyelles	186	180	10.1	0.0	10.1	9.2	10.4	12.9	8.9
Huey P. Long	223	204	5.5	0.9	6.5	3.9	5.4	16.3	6.8
Lamar Salter	173	273	3.7	0.0	3.7	16.9	5.6	9.9	7.5
Shelby Jackson	124	91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College									
Mansfield	135	133	34.6	0.0	34.6	11.7	12.6	27.6	9.2
Natchitoches	218	240	4.3	0.4	4.7	11.2	10.5	12.6	11.1
Northwest	299	427	6.7	0.0	6.8	10.6	8.2	7.0	12.3
Sabine Valley	118	45	0.0	0.0	0.0	0.0	0.0	16.4	0.0
Shreveport Bossier	301	616	2.7	0.0	2.7	4.2	1.4	4.9	3.9
Northshore Technical Community College									
Sullivan	1,111	419	9.5	0.8	10.3	7.1	5.5	9.5	7.1

*DOES NOT INCLUDE SATURDAY CLASSES

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