

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		2014	2013	2012	2011	2010	
PUBLIC FOUR YEAR INSTITUTION		FTE								
Grambling State University	3,836	2,560	2.1	0.1	2.3	2.8	3.8	3.0	3.6	
Louisiana Tech University	9,327	1,588	8.5	0.1	8.6	8.3	7.8	8.2	5.2	
McNeese State University	7,017	516	8.2	1.0	9.2	8.9	9.2	7.3	7.9	
Nicholls State University	5,475	2,319	6.5	0.4	6.9	6.0	4.9	5.1	4.6	
University of Louisiana in Monroe	6,873	1,678	4.6	0.2	4.9	7.1	6.1	6.8	5.2	
Northwestern State University	6,661	2,092	8.5	0.7	9.2	9.5	6.8	4.5	4.4	
Southeastern Louisiana University	11,267	2,723	7.7	0.5	8.2	8.0	9.4	9.5	11.7	
University of Louisiana in Lafayette	14,415	1,624	9.1	0.6	9.8	11.3	8.6	7.2	8.5	
LSU at Alexandria	1,926	531	5.3	0.5	5.8	5.4	5.2	4.0	5.3	
LSU-A&M (Including Ag. & Law)	28,503	5715	6.8	0.4	7.2	7.2	5.5	5.7	5.6	
LSU in Shreveport	2,809	877	4.9	0.4	5.4	6.8	7.2	5.8	5.2	
University of New Orleans	7,168	2934	3.6	0.3	4.0	4.3	4.8	5.1	4.8	
Southern University A&M	6,054	3,673	3.8	0.7	4.6	4.2	2.5	2.9	3.2	
Southern University at New Orleans	2,008	360	4.4	0.9	5.4	6.1	5.6	2.0	6.0	
PUBLIC TWO YEAR INSTITUTIONS										
LSU at Eunice	1,773	273	4.3	0.0	4.3	9.3	5.3	5.8	6.1	
Southern University at Shreveport	2,136	713	4.6	0.9	5.5	6.2	6.7	5.4	5.5	
Baton Rouge Community College	5,691	535	12.9	3.7	16.7	14.3	19.0	17.2	16.0	
Bossier Parish Community College	5,602	932	9.3	2.4	11.8	18.5	17.4	14.5	17.3	
Delgado Community College	10,727	1,231	8.8	2.2	11.0	9.0	5.4	7.5	6.1	
Nunez Community College	1,407	36	0.0	0.0	0.0	0.0	19.8	0.0	0.0	
River Parishes Community College	1,203	166	3.4	0.6	4.0	11.9	9.3	14.4	15.9	
South Louisiana Community College	2,775	369	21.2	3.5	24.8	15.9	15.4	13.3	15.2	
Acadian	116	397	6.5	0.0	6.5	8.1	15.2	35.8	46.4	
Charles B. Coreil	79	102	1.7	0.0	1.7	1.7	1.3	30.2	65.9	
Evangeline	65	144	3.9	0.0	3.9	23.1	0.0	53.5	57.1	
Gulf Area	194	464	5.2	0.0	5.2	7.9	14.3	36.9	36.9	

Lafayette	649	943	8.5	0.3	8.9	15.7	14.7	115.2	60.3
T. H. Harris	277	862	4.4	0.0	4.4	8.4	5.3	3.1	21.7
Teche Area	99	634	4.2	0.0	4.2	6.1	0.0	37.0	42.3
Louisiana Delta Community College	1,504	300	5.4	1.0	6.4	7.4	10.3	17.0	31.3
Bastrop	114	169	18.4	0.0	18.4	4.3	43.6	18.6	51.7
Delta Ouachita	391	829	0.0	0.0	0.0	47.8	56.3	20.8	96.7
North Central	11	0	0.0	0.0	0.0	0.0	5.3	23.9	36.7
Northeast	110	99	27.0	1.0	28.0	3.0	21.3	18.5	12.6
Ruston	114	176	0.0	0.0	0.0	38.3	27.9	10.7	35.5
Tallulah	134	99	35.0	0.0	35.0	82.4	68.7		
L. E. Fletcher Tech Community College	1,413	228	35.1	0.3	35.4	45.5	5.3	24.5	10.8
Sowela Technical Community College	2,231	2,076	18.1	1.5	19.7	22.1	36.5	34.3	19.9
Capital Area Technical College									
Baton Rouge	571	420	6.4	0.4	6.9	39.7	11.8	21.2	43.0
Folkes	473	57	19.5	3.1	22.6	7.4	4.6	4.9	14.9
Jumonville	38	127	0.0	1.1	1.1	1.1	15.4	3.4	2.2
Westside	19	60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Central LA Technical College									
Lafourche	387	236	17.8	0.0	17.8	26.8	19.4	24.6	61.7
River Parishes	825	476	11.9	3.6	15.5	11.2	14.3	42.2	64.4
Young Memorial	375	217	21.2	0.0	21.2	28.4	38.7	41.9	33.4
Central LA Technical College									
Alexandria	384	459	7.6	1.1	8.8	17.8	11.4	19.0	17.0
Avoyelles	296	180	16.7	0.0	16.7	24.2	18.7	62.4	46.7
Huey P. Long	184	204	12.6	0.0	12.6	8.0	8.9	35.7	44.9
Lamar Salter	152	313	2.4	0.0	2.4	5.1	4.5	18.7	58.0
Oakdale	168	138	8.9	0.0	8.9	9.5	6.1	24.3	10.7
Shelby Jackson	112	91	0.0	0.0	0.0	0.0	0.0	0.0	14.9
Northwest LA Technical College									
Mansfield	183	159	13.6	0.5	14.2	12.1	9.2	9.3	13.2
Natchitoches	263	230	12.1	0.0	12.1	0.0	0.0	0.0	0.0
Northwest	504	423	12.4	0.3	12.7	10.2	58.9	72.7	102.0
Sabine Valley	197	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shreveport Bossier	535	743	3.3	0.2	3.6	18.3	15.4	18.6	39.6
Northshore Technical Community College									
Florida Parishes	338	0	0.0	0.0	0.0	5.1	15.4	62.7	38.4
Hammond	359	223	13.3	1.4	14.8	16.5	18.9	46.6	99.9
Sullivan	977	163	6.1	0.1	6.2	9.6	11.9	56.2	70.8

*DOES NOT INCLUDE SATURDAY CLASSES

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