

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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IN CLASS LABORATORIES

INSTITUTION		NUMBER OF STATIONS			ALL HOURS					
		DAYTIME	NIGHTTIME		2012	2011	2010	2009	2008	
PUBLIC FOUR YEAR INSTITUTION		FTE								
Grambling State University	4,597	2,521	3.6	0.2	3.8	3.0	3.6	3.7	3.5	
Louisiana Tech University	9,121	1,742	7.7	0.1	7.8	8.2	5.2	5.6	5.6	
McNeese State University	7,360	1,403	8.3	0.8	9.2	7.3	7.9	8.5	6.8	
Nicholls State University	5,635	2,620	4.4	0.4	4.9	5.1	4.6	6.1	5.7	
University of Louisiana in Monroe	6,798	1,503	5.9	0.2	6.1	6.8	5.2	7.8	7.0	
Northwestern State University	7,002	3,495	6.3	0.5	6.8	4.5	4.4	4.5	4.8	
Southeastern Louisiana University	12,282	2,537	8.7	0.6	9.4	9.5	11.7	9.5	10.5	
University of Louisiana in Lafayette	14,309	1,796	8.0	0.6	8.6	7.2	8.5	6.7	6.6	
LSU at Alexandria	1,617	713	4.9	0.3	5.2	4.0	5.3	4.7	4.7	
LSU-A&M (Including Ag. & Law)	28,051	6,025	5.1	0.3	5.5	5.7	5.6	6.2	6.2	
LSU in Shreveport	2,984	877	6.7	0.5	7.2	5.8	5.2	4.8	4.8	
University of New Orleans	7,803	1,812	4.2	0.5	4.8	5.1	4.8	5.5	5.2	
Southern University A&M	5,703	5,346	2.2	0.3	2.5	2.9	3.2	5.2	6.0	
Southern University at New Orleans	2,284	485	4.4	1.2	5.6	2.0	6.0	**	**	
PUBLIC TWO YEAR INSTITUTIONS										
LSU at Eunice	1,934	340	5.3	0.0	5.3	5.8	6.1	6.7	6.4	
Southern University at Shreveport	2,125	713	5.9	0.8	6.7	5.4	5.5	10.0	7.5	
Baton Rouge Community College	5,785	535	14.9	4.0	19.0	17.2	16.0	20.9	16.8	
Bossier Parish Community College	5,566	554	14.6	2.7	17.4	14.5	17.3	13.5	11.4	
Delgado Community College	11,427	4,720	4.4	1.0	5.4	7.5	6.1	8.1	6.6	
Nunez Community College	1,195	36	12.5	7.3	19.8	0.0	0.0	26.5	1.4	
River Parishes Community College	1,765	118	7.7	1.6	9.3	14.4	15.9	14.5	10.8	
South Louisiana Community College	2,481	370	13.1	2.3	15.4	13.3	15.2	14.8	14.8	
Acadian	176	373	15.2	0.0	15.2	35.8	46.4	38.1	39.0	
Charles B. Coreil	122	102	1.3	0.0	1.3	30.2	65.9	105.4	0.0	
Evangeline	148	144	0.0	0.0	0.0	53.5	57.1	55.6	10.9	
Gulf Area	349	468	14.3	0.0	14.3	36.9	36.9	48.2	28.5	

Lafayette	699	943	14.6	0.0	14.7	115.2	60.3	50.2	37.0
T. H. Harris	394	862	5.3	0.0	5.3	3.1	21.7	22.9	20.4
Teche Area	250	634	0.0	0.0	0.0	37.0	42.3	46.8	31.4
Louisiana Delta Community College	1,931	422	26.1	1.0	27.2	17.0	31.3	0.0	**
Bastrop	108	169	43.4	0.1	43.6	18.6	51.7	62.4	39.7
Delta Ouachita	302	829	56.1	0.1	56.3	20.8	96.7	92.4	65.8
North Central	12	98	5.3	0.0	5.3	23.9	36.7	36.7	4.9
Northeast	100	99	18.6	2.7	21.3	18.5	12.6	19.0	16.4
Ruston	105	176	27.9	0.0	27.9	10.7	35.5	35.5	16.6
L. E. Fletcher Tech Community College	1,517	403	5.3	0.0	5.3	24.5	10.8	18.0	33.7
Sowela Technical Community College	1,974	1,861	35.6	0.9	36.5	34.3	19.9	47.8	20.9
Capital Area Technical College									
Baton Rouge	846	450	11.1	0.7	11.8	21.2	43.0	63.7	29.7
Folkes	600	57	4.6	0.0	4.6	4.9	14.9	5.9	0.0
Jumonville	126	127	13.6	1.7	15.4	3.4	2.2	0.0	1.2
Westside	173	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Central LA Technical College									
Lafourche	153	251	19.4	0.0	19.4	24.6	61.7	50.4	32.4
River Parishes	778	476	12.2	2.0	14.3	42.2	64.4	31.4	39.1
Young Memorial	330	551	38.7	0.0	38.7	41.9	33.4	45.0	19.8
Central LA Technical College									
Alexandria	298	459	11.2	0.1	11.4	19.0	17.0	12.2	13.7
Avoyelles	375	180	18.2	0.4	18.7	62.4	46.7	151.9	74.4
Huey P. Long	238	204	8.9	0.0	8.9	35.7	44.9	55.6	46.8
Lamar Salter	146	313	4.2	0.3	4.5	18.7	58.0	7.1	26.2
Oakdale	226	138	6.0	0.1	6.1	24.3	10.7	7.2	6.5
Shelby Jackson	144	91	0.0	0.0	0.0	0.0	14.9	29.6	22.6
Northwest LA Technical College									
Mansfield	112	219	9.2	0.0	9.2	9.3	13.2	16.5	17.1
Natchitoches	219	20	0.0	0.0	0.0	0.0	0.0	50.0	0.0
Northwest	333	216	58.9	0.0	58.9	72.7	102.0	116.3	79.0
Sabine Valley	60	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shreveport Bossier	420	743	13.3	2.1	15.4	18.6	39.6	49.1	17.9
Northshore Technical Community College									
Florida Parishes	349	126	14.7	0.7	15.4	62.7	38.4	44.6	39.2
Hammond	395	411	17.0	1.9	18.9	46.6	99.9	100.4	71.8
Sullivan	783	268	11.1	0.8	11.9	56.2	70.8	63.2	23.1

*DOES NOT INCLUDE SATURDAY CLASSES

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