

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		2013	2012	2011	2010	2009	
PUBLIC FOUR YEAR INSTITUTION		FTE								
Grambling State University	4,413	2,560	2.6	0.2	2.8	3.8	3.0	3.6	3.7	
Louisiana Tech University	9,033	1,524	8.2	0.0	8.3	7.8	8.2	5.2	5.6	
McNeese State University	7,142	1,401	8.3	0.6	8.9	9.2	7.3	7.9	8.5	
Nicholls State University	5,567	1,988	5.5	0.5	6.0	4.9	5.1	4.6	6.1	
University of Louisiana in Monroe	4,955	1,342	6.7	0.3	7.1	6.1	6.8	5.2	7.8	
Northwestern State University	6,676	2,032	8.7	0.7	9.5	6.8	4.5	4.4	4.5	
Southeastern Louisiana University	11,700	2,714	7.5	0.4	8.0	9.4	9.5	11.7	9.5	
University of Louisiana in Lafayette	14,097	1,528	10.4	0.9	11.3	8.6	7.2	8.5	6.7	
LSU at Alexandria	1,583	531	4.9	0.4	5.4	5.2	4.0	5.3	4.7	
LSU-A&M (Including Ag. & Law)	28,116	5945	6.8	0.4	7.2	5.5	5.7	5.6	6.2	
LSU in Shreveport	2,739	877	6.1	0.6	6.8	7.2	5.8	5.2	4.8	
University of New Orleans	7,201	2952	3.8	0.4	4.3	4.8	5.1	4.8	5.5	
Southern University A&M	6,469	3,729	3.5	0.6	4.2	2.5	2.9	3.2	5.2	
Southern University at New Orleans	2,163	360	5.3	0.7	6.1	5.6	2.0	6.0	**	
PUBLIC TWO YEAR INSTITUTIONS										
LSU at Eunice	1,743	273	9.3	0.0	9.3	5.3	5.8	6.1	6.7	
Southern University at Shreveport	2,224	713	4.9	1.3	6.2	6.7	5.4	5.5	10.0	
Baton Rouge Community College	5,147	619	11.1	3.2	14.3	19.0	17.2	16.0	20.9	
Bossier Parish Community College	5,708	554	15.5	2.9	18.5	17.4	14.5	17.3	13.5	
Delgado Community College	11,766	1,765	7.1	1.8	9.0	5.4	7.5	6.1	8.1	
Nunez Community College	1,395	36	0.0	0.0	0.0	19.8	0.0	0.0	26.5	
River Parishes Community College	1,533	118	9.9	2.0	11.9	9.3	14.4	15.9	14.5	
South Louisiana Community College	4,547	369	13.5	2.3	15.9	15.4	13.3	15.2	14.8	
Acadian	0	373	8.1	0.0	8.1	15.2	35.8	46.4	38.1	
Charles B. Coreil	0	102	1.7	0.0	1.7	1.3	30.2	65.9	105.4	
Evangeline	0	144	23.1	0.0	23.1	0.0	53.5	57.1	55.6	
Gulf Area	0	432	7.9	0.0	7.9	14.3	36.9	36.9	48.2	

Lafayette	0	943	15.2	0.4	15.7	14.7	115.2	60.3	50.2
T. H. Harris	0	862	8.4	0.0	8.4	5.3	3.1	21.7	22.9
Teche Area	0	634	5.7	0.4	6.1	0.0	37.0	42.3	46.8
Louisiana Delta Community College	2,510	300	6.2	1.1	7.4	10.3	17.0	31.3	0.0
Bastrop	0	169	4.3	0.0	4.3	43.6	18.6	51.7	62.4
Delta Ouachita	0	829	47.5	0.3	47.8	56.3	20.8	96.7	92.4
North Central	0	98	0.0	0.0	0.0	5.3	23.9	36.7	36.7
Northeast	0	99	3.0	0.0	3.0	21.3	18.5	12.6	19.0
Ruston	0	176	38.3	0.0	38.3	27.9	10.7	35.5	35.5
Tallulah	0	112	82.4	0.0	82.4	68.7			
L. E. Fletcher Tech Community College	1,615	168	45.5	0.0	45.5	5.3	24.5	10.8	18.0
Sowela Technical Community College	2,130	1,829	20.7	1.4	22.1	36.5	34.3	19.9	47.8
Capital Area Technical College									
Baton Rouge	792	450	39.0	0.7	39.7	11.8	21.2	43.0	63.7
Folkes	600	57	4.6	2.7	7.4	4.6	4.9	14.9	5.9
Jumonville	473	127	0.0	1.1	1.1	15.4	3.4	2.2	0.0
Westside	43	6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Central LA Technical College									
Lafourche	153	251	26.8	0.0	26.8	19.4	24.6	61.7	50.4
River Parishes	180	476	9.6	1.5	11.2	14.3	42.2	64.4	31.4
Young Memorial	274	551	28.1	0.3	28.4	38.7	41.9	33.4	45.0
Central LA Technical College									
Alexandria	395	459	17.4	0.4	17.8	11.4	19.0	17.0	12.2
Avoyelles	316	180	24.2	0.0	24.2	18.7	62.4	46.7	151.9
Huey P. Long	261	204	8.0	0.0	8.0	8.9	35.7	44.9	55.6
Lamar Salter	159	313	5.1	0.0	5.1	4.5	18.7	58.0	7.1
Oakdale	147	138	9.5	0.0	9.5	6.1	24.3	10.7	7.2
Shelby Jackson	180	91	0.0	0.0	0.0	0.0	0.0	14.9	29.6
Northwest LA Technical College									
Mansfield	152	159	11.7	0.3	12.1	9.2	9.3	13.2	16.5
Natchitoches	244	0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
Northwest	412	423	10.2	0.0	10.2	58.9	72.7	102.0	116.3
Sabine Valley	164	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shreveport Bossier	539	743	15.7	2.6	18.3	15.4	18.6	39.6	49.1
Northshore Technical Community College									
Florida Parishes	333	12	5.1	0.0	5.1	15.4	62.7	38.4	44.6
Hammond	393	193	15.4	1.1	16.5	18.9	46.6	99.9	100.4
Sullivan	844	326	8.4	1.2	9.6	11.9	56.2	70.8	63.2

*DOES NOT INCLUDE SATURDAY CLASSES

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