

# 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	
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								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	Daytime Stations	Nighttime	All Hours
Institution	5,411	2,457	.2356	.0354	.2710

**TABLE 6**  
**AVERAGE WEEKLY USE OF STUDENT STATIONS**  
**IN CLASS LABORATORIES**

INSTITUTION		NUMBER OF STATIONS	DAYTIME	NIGHTTIME	ALL HOURS				
					2011	2010	2009	2008	2007
<b>PUBLIC FOUR YEAR INSTITUTION</b>		<b>FTE</b>							
Grambling State University	4,573	2,448	2.9	0.0	3.0	3.6	3.7	3.5	3.6
Louisiana Tech University	9,441	1,663	8.1	0.1	8.2	5.2	5.6	5.6	4.7
McNeese State University	7,536	1,533	6.9	0.4	7.3	7.9	8.5	6.8	8.6
Nicholls State University	5,800	2,620	4.8	0.2	5.1	4.6	6.1	5.7	7.1
University of Louisiana in Monroe	6,787	1,641	6.5	0.3	6.8	5.2	7.8	7.0	7.2
Northwestern State University	6,993	4,529	4.0	0.4	4.5	4.4	4.5	4.8	5.6
Southeastern Louisiana University	12,403	2,417	8.9	0.6	9.5	11.7	9.5	10.5	10.4
University of Louisiana in Lafayette	14,648	1,874	6.5	0.7	7.2	8.5	6.7	6.6	6.7
LSU at Alexandria	1,740	713	3.7	0.2	4.0	5.3	4.7	4.7	5.3
LSU-A&M (Including Ag. & Law)	27,820	6,363	5.2	0.4	5.7	5.6	6.2	6.2	7.9
LSU in Shreveport	3,045	848	5.4	0.4	5.8	5.2	4.8	4.8	4.9
University of New Orleans	8,344	1,812	4.5	0.6	5.1	4.8	5.5	5.2	5.2
Southern University A&M	6,788	5,143	2.5	0.3	2.9	3.2	5.2	6.0	5.7
Southern University at New Orleans	2,403	485	1.7	0.3	2.0	6.0	**	**	**
<b>PUBLIC TWO YEAR INSTITUTIONS</b>									
LSU at Eunice	1,917	528	5.6	0.1	5.8	6.1	6.7	6.4	6.0
Southern University at Shreveport	2,035	713	4.6	0.7	5.4	5.5	10.0	7.5	6.8
Baton Rouge Community College	5,429	634	13.9	3.3	17.2	16.0	20.9	16.8	17.0
Bossier Parish Community College	4,945	567	12.3	2.2	14.5	17.3	13.5	11.4	10.5
Delgado Community College	13,291	4,041	5.9	1.6	7.5	6.1	8.1	6.6	6.0
Nunez Community College	1,339	36	0.0	0.0	0.0	0.0	26.5	1.4	9.0
River Parishes Community College	1,505	92	11.5	2.9	14.4	15.9	14.5	10.8	15.1
South Louisiana Community College	2,402	370	11.5	1.7	13.3	15.2	14.8	14.8	13.2
Louisiana Delta Community College	1,948	515	16.3	0.6	17.0	31.3	0.0	**	**
L.T.C. Fletcher	1,543	345	23.6	0.9	24.5	10.8	18.0	33.7	18.1
L.T.C. Sowela	2,078	1,656	33.9	0.4	34.3	19.9	47.8	20.9	6.2
LTC Campuses									
Region 2-Capital Area Technical College									
LTC - Baton Rouge	1,174	577	20.5	0.6	21.2	43.0	63.7	29.7	23.8
LTC - Folkes	657	57	4.9	0.0	4.9	14.9	5.9	0.0	0.0
LTC - Jmonville	196	127	2.0	1.4	3.4	2.2	0.0	1.2	1.6

LTC - Westside	134	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Region 3-S. Central LA Technical College									
LTC - Lafourche	243	237	24.6	0.0	24.6	61.7	50.4	32.4	39.9
LTC - River Parishes	952	362	39.4	2.8	42.2	64.4	31.4	39.1	0.0
LTC - Young Memorial	354	419	41.4	0.4	41.9	33.4	45.0	19.8	28.2
Region 4-Acadiana Technical College									
LTC - Acadian	189	373	35.8	0.0	35.8	46.4	38.1	39.0	21.2
LTC - Charles B. Coreil	183	102	30.2	0.0	30.2	65.9	105.4	0.0	48.4
LTC - Evangeline	208	144	53.5	0.0	53.5	57.1	55.6	10.9	26.6
LTC - Gulf Area	329	468	36.5	0.3	36.9	36.9	48.2	28.5	15.9
LTC - Lafayette	810	943	114.7	0.4	115.2	60.3	50.2	37.0	33.3
LTC - T. H. Harris	525	862	3.1	0.0	3.1	21.7	22.9	20.4	16.5
LTC - Teche Area	328	634	36.8	0.1	37.0	42.3	46.8	31.4	26.6
Region 6-Central LA Technical College									
LTC - Alexandria	402	459	18.9	0.0	19.0	17.0	12.2	13.7	26.9
LTC - Avoyelles	392	164	62.4	0.0	62.4	46.7	151.9	74.4	64.2
LTC - Huey P. Long	198	237	35.7	0.0	35.7	44.9	55.6	46.8	35.2
LTC - Lamar Salter	211	313	18.7	0.0	18.7	58.0	7.1	26.2	26.4
LTC - Oakdale	247	138	24.3	0.0	24.3	10.7	7.2	6.5	6.9
LTC - Shelby Jackson	151	0	0.0	0.0	0.0	14.9	29.6	22.6	18.9
Region 7-Northwest LA Technical College									
LTC - Mansfield	173	219	9.3	0.0	9.3	13.2	16.5	17.1	4.0
LTC - Natchitoches	287	20	0.0	0.0	0.0	0.0	50.0	0.0	0.0
LTC - Northwest	492	216	72.7	0.0	72.7	102.0	116.3	79.0	56.9
LTC - Sabine Valley	142	16	0.0	0.0	0.0	0.0	0.0	0.0	40.8
LTC - Shreveport Bossier	688	743	17.0	1.5	18.6	39.6	49.1	17.9	50.1
Region 8-Northeast LA Technical College									
LTC - Bastrop	153	169	18.6	0.0	18.6	51.7	62.4	39.7	29.1
LTC - Delta Ouachita	508	829	20.2	0.6	20.8	96.7	92.4	65.8	69.1
LTC - North Central	43	98	22.2	1.6	23.9	36.7	36.7	4.9	27.2
LTC - Northeast	165	99	18.5	0.0	18.5	12.6	19.0	16.4	19.6
LTC - Ruston	159	176	10.7	0.0	10.7	35.5	35.5	16.6	12.0
Region 9-Northshore Technical College									
LTC - Florida Parishes	429	181	61.4	1.3	62.7	38.4	44.6	39.2	19.0
LTC - Hammond	500	365	42.7	3.9	46.6	99.9	100.4	71.8	57.1
LTC - Sullivan	849	268	55.7	0.5	56.2	70.8	63.2	23.1	12.0

\*DOES NOT INCLUDE SATURDAY CLASSES

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