

# 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.

Daytime Student Hours in Class Laboratories	=	579	
-----		-----	= .2356
Total Student Stations in Class Laboratories	=	2457	
Nighttime Student Hours in Class Laboratories	=	87	
-----		-----	= .0354
Total Student Stations in Class Laboratories	=	2457	
Total Student Hours in Class Laboratories	=	666	
-----		-----	= .2710
Total Student Stations in Class Laboratories	=	2457	

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  
AVERAGE WEEKLY USE OF STUDENT STATIONS  
IN CLASS LABORATORIES**

INSTITUTION		NUMBER OF STATIONS	DAYTIME	NIGHTTIME	ALL HOURS				
					2003	2002	2001	2000	1999
<b>PUBLIC FOUR YEAR INSTITUTIONS</b>									
	<b>FTE</b>								
LSU-A&M (Including Ag. & Law)	29,348	4,787	8.0	1.1	9.2	19.2	11.4	11.0	12.7
University of Louisiana in Lafayette	13,963	2,451	8.1	1.1	9.2	8.9	8.4	8.5	8.6
Southeastern Louisiana University	13,134	1,599	11.0	0.6	11.7	13.1	12.9	9.9	15.2
University of New Orleans	12,971	1,565	**	**	**	8.7	7.4	7.4	8.2
Louisiana Tech University	10,609	3,098	4.7	0.3	5.1	5.7	4.6	4.1	7.9
Northwestern State University	8,634	3,355	6.7	1.2	7.9	8.3	7.2	8.3	8.9
Southern University A&M	8,772	2,732	7.2	0.8	8.1	7.5	7.4	9.6	**
University of Louisiana in Monroe	7,427	1,477	7.0	0.7	7.8	**	**	7.8	10.0
McNeese State University	7,248	2,147	5.4	0.9	6.4	6.4	5.9	6.0	6.8
Nicholls State University	6,082	2,372	5.8	0.3	6.2	5.0	5.8	5.1	5.9
Grambling State University	4,339	1,575	5.5	0.1	5.7	6.0	4.6	4.4	7.9
LSU in Shreveport	3,122	1,165	4.6	1.4	6.0	5.7	5.3	5.0	**
Southern University at New Orleans	2,811	1,107	4.8	2.3	7.2	6.3	11.3	14.0	13.0
LSU at Alexandria	2,015	549	6.2	0.5	6.8	9.9	6.2	7.8	6.1
<b>PUBLIC TWO YEAR INSTITUTIONS</b>									
Delgado Community College	10,583	2,465	8.3	3.0	11.4	11.0	**	9.1	9.8
Baton Rouge Community College	3,902	354	5.7	1.9	7.7	7.7	2.0	8.4	12.2
Bossier Parish Community College	2,802	**	**	**	**				
LSU at Eunice	2,266	454	6.2	0.1	6.3	6.4	5.7	6.8	9.2
Southern University at Shreveport	1,694	536	3.9	0.9	4.8	6.2	4.7	4.2	3.7
Nunez Community College	1,611	503	9.3	4.7	14.1	**	12.2	10.2	**
L.T.C. Sowela	1,167	1,861	6.8	0.6	7.4				
South Louisiana Community College	801	200	12.7	3.0	15.7				
River Parishes Community College	426	32	**	**	**	7.8	4.8	0.9	
L.T.C. Fletcher	359	398	16.1	0.1	16.3				
Louisiana Delta Community College	301	**	**	**	**				

\*DOES NOT INCLUDE SATURDAY CLASSES

\*\*NOT AVAILABLE

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