

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



L.T.C. Fletcher	758	342	26.7	0.6	27.4	11.4	16.3	16.3
L.T.C. Sowela	1,146	966	4.8	0.5	5.3	**	8.0	7.4
LTC Campuses								
LTC - Acadian	133	373	25.4	0.1	25.5	13.2	26.3	
LTC - Alexandria	305	459	0.0	0.0	0.0	1.5	5.5	
LTC - Ascension	189	160	15.2	0.0	15.2	44.3	9.2	
LTC - Avoyelles	236	387	14.0	0.0	14.0	11.4	13.8	
LTC - Bastrop	160	122	32.2	0.0	32.2	21.7	25.4	
LTC - Baton Rouge	635	474	14.6	0.7	15.3	10.2	28.5	
LTC - Charles B. Coreil	105	12	0.0	0.0	0.0	0.0	0.0	
LTC - Delta Ouachita	395	157	22.6	1.4	24.1	13.5	23.9	
LTC - Evangeline	175	79	0.0	0.0	0.0	45.9	12.9	
LTC - Florida Parishes	176	146	31.2	0.8	32.0	34.4	11.4	
LTC - Folkes	571	57	0.0	0.0	0.0	9.5	0.0	
LTC - Gulf Area	268	485	5.2	0.0	5.2	16.5	11.5	
LTC - Hammond	176	380	67.0	1.6	68.7	43.6	35.7	
LTC - Huey P. Long	122	329	0.0	0.0	0.0	15.4	33.2	
LTC - Jefferson	248	476	8.5	3.0	11.6	**	12.2	
LTC - Jumonville	121	127	14.5	0.0	14.5	12.4	2.9	
LTC - Lafayette	717	1,189	26.6	0.0	26.6	18.6	21.5	
LTC - Lafourche	211	319	43.1	0.4	43.6	27.7	43.5	
LTC - Lamar Salter	207	227	27.6	0.7	28.4	14.8	17.6	
LTC - Mansfield	96	83	6.5	0.0	6.5	2.9	6.0	
LTC - Morgan Smith	112	150	34.4	0.1	34.6	26.5	30.1	
LTC - Natchitoches	158	0	0.0	0.0	0.0	11.3	33.3	
LTC - North Central	78	179	19.9	0.0	19.9	24.0	22.0	
LTC - Northeast	134	111	43.2	0.6	43.8	30.4	20.0	
LTC - Northwest	467	108	10.0	0.0	10.0	18.8	23.0	
LTC - Oakdale	196	161	4.9	0.0	4.9	6.3	9.9	
LTC - River Parishes	471	427	40.5	3.4	43.9	24.2	18.8	
LTC - Ruston	115	232	35.4	0.0	35.4	18.4	24.5	
LTC - West Jefferson	54	101	0.0	0.0	0.0	**	28.4	
LTC - Westside	44	0	0.0	0.0	0.0	0.0	0.0	
LTC - Young Memorial	247	549	0.0	0.0	0.0	21.7	15.1	
LTC - Sabine Valley	101	15	81.2	0.0	81.2	17.6	42.6	
LTC - Shelby Jackson	131	125	0.0	0.0	0.0	14.5	25.2	
LTC - Shreveport Bossier	697	126	42.6	0.0	42.6	40.5	33.3	
LTC - Sidney Collier	**	**	**	**	**	**	**	13.8
LTC - Slidell	**	**	**	**	**	**	**	25.2
LTC - Sullivan	502	588	8.1	0.4	8.6	**	10.3	
LTC - T. H. Harris	470	935	11.5	0.0	11.5	12.6	7.0	

LTC - Tallulah/M. Surles	221	365	30.4	0.0	30.4	47.1	63.5
LTC - Teche Area	358	632	40.4	0.0	40.4	27.3	9.7

\*DOES NOT INCLUDE SATURDAY CLASSES

\*\*NOT AVAILABLE

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