

AVERAGE WEEKLY ROOM USAGE IN CLASS LABORATORIES

TABLE 4

The assessment of class laboratories is often difficult because of the specialized nature of a class laboratory as well as its interrelationship with a particular course of instruction. Laboratories should be evaluated on use, requirements, cost of operation and relationships to other laboratories.

The average room hours of instruction in laboratories is the ratio of the total room hours of instruction per week to the total number of classes which are designated with a room type of "210" (laboratories). Total room hours is obtained by multiplying the class duration (amount of time a class meets per week or class length) by the number of days a class meets per week.

"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. The sum of "daytime" and "nighttime" is reflected in "all hours."

Norm: Optimum use of class labs is 20 hours per week.

$$\text{Average Room Hours} = \frac{\text{Total Room Hours of Instruction in Labs}}{\text{Total Number of Labs}}$$

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE	
Mon.	13:00 - 16:00	17	210	1 day * 3 hours = 3
Tues.	13:30 - 16:30	14	210	1 day * 3 hours = 3
Mon./Wed./Fri.	9:00 - 10:00	25	210	3 days * 1 hour = 3
Mon./Wed./Fri.	10:00 - 11:00	35	210	3 days * 1 hour = 3
Tues./Thurs.	11:00 - 12:30	30	210	2 days * 1.5 hr = 3
Wed.	11:00 - 14:00	29	210	1 day * 3 hours = 3
Fri.	11:00 - 14:00	21	210	1 day * 3 hours = 3
Mon.	13:00 - 16:00	22	210	1 day * 3 hours = 3
Wed.	18:00 - 21:00	13	210	1 day * 3 hours = 3
Mon.	19:00 - 22:00	16	210	1 days * 3 hours = 3

				TOTAL 30

The last two classes listed in the sample data start after 17:00 which is considered nighttime, so six hours would be placed under "Nighttime". The remaining twenty-four hours would be placed

under "Daytime". "Total Room Hours" would be thirty. The sample report uses 90 as the total number of rooms classified with a room type of "210" (laboratories).

$$\begin{array}{r} \text{Total Room Hours of Instruction} = 30 \\ \hline \text{Total Number of Class Laboratories} = 90 \end{array} = .33$$

The report for one institution would look like this:

	FTE	Total Room Hours	Daytime	Nighttime	All Hours
Institution	5,411	30.00	24.00	6.00	.33

**TABLE 4
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IN CLASS LABORATORIES**

INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS					
					2008	2007	2006	2005	2004	
PUBLIC FOUR YEAR INSTITUTIONS										
Grambling State University	4,550	325	293	32	3.6	3.9	5.4	4.0	0.0	
Louisiana Tech University	9,036	588	579	9	5.6	5.2	7.0	7.1	5.7	
McNeese State University	7,191	813	707	107	10.8	13.5	16.2	11.6	10.9	
Nicholls State University	5,940	661	602	59	7.6	8.5	8.7	8.6	8.3	
University of Louisiana in Monroe	7,215	416	371	45	8.0	9.3	9.2	9.1	8.9	
Northwestern State University	7,063	1,007	844	163	6.4	7.1	7.0	9.1	9.7	
Southeastern Louisiana University	12,746	1,436	1,336	100	11.7	11.2	13.8	12.4	10.4	
University of Louisiana in Lafayette	14,186	820	708	112	6.7	6.7	8.8	8.6	8.8	
LSU at Alexandria	1,869	214	195	19	8.9	9.1	10.7	7.6	7.9	
LSU A&M (Including Ag. & Law)	26,945	2,088	1,953	135	8.3	10.1	15.9	13.5	15.4	
LSU in Shreveport	2,847	263	224	39	6.1	5.7	7.9	7.9	5.8	
University of New Orleans	8,824	422	369	54	5.9	6.0	6.6	**	**	
Southern University A&M	7,513	849	726	123	6.4	6.1	6.1	8.0	8.4	
Southern University at New Orleans	2,434	0	0	0	**	**	**	**	7.2	
PUBLIC TWO YEAR INSTITUTIONS										
LSU at Eunice	1,990	156	152	4	11.1	8.8	9.8	9.4	10.0	
Southern University at Shreveport	1,672	171	141	30	7.7	9.6	7.9	5.3	10.5	
Baton Rouge Community College	5,026	602	485	117	23.1	24.2	22.5	16.5	12.1	
Bossier Parish Community College	3,203	409	293	116	17.7	13.3	**	**	**	
Delgado Community College	9,090	1,135	927	208	9.7	9.2	8.0	**	11.9	
Nunez Community College	894	72	39	33	10.2	23.9	9.0	**	17.9	
River Parishes Community College	727	21	19	2	10.5	15.5	**	**	**	
South Louisiana Community College	2,003	216	183	33	12.6	12.8	12.4	5.2	15.7	

LTC - Sullivan	708	319	291	28	10.2	8.7	11.3		13.1
LTC - T. H. Harris	460	461	451	10	13.1	11.8	14.7	18.0	9.7
LTC - Tallulah/M. Surles	274	110	110	0	15.7	0.0	25.0	20.3	29.7
LTC - Teche Area	363	643	613	30	22.1	30.9	50.8	46.0	29.6

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

AVERAGE WEEKLY ROOM USAGE IN LABORATORIES (TABLE 4) 2008

