

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
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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				
					2006	2005	2004	2003	2002
PUBLIC FOUR YEAR INSTITUTIONS									
Grambling State University	4,643	478	441	37	5.4	4.0	0.0	6.3	6.3
Louisiana Tech University	8,918	745	719	26	7.0	7.1	5.7	5.2	6.3
McNeese State University	7,255	961	797	164	16.2	11.6	10.9	10.1	10.8
Nicholls State University	5,777	749	691	59	8.7	8.6	8.3	8.0	8.3
University of Louisiana in Monroe	7,437	481	432	49	9.2	9.1	8.9	8.3	**
Northwestern State University	7,657	1,063	832	232	7.0	9.1	9.7	10.9	10.1
Southeastern Louisiana University	13,049	1,511	1,403	108	13.8	12.4	10.4	15.4	16.0
University of Louisiana in Lafayette	14,315	824	726	99	8.8	8.6	8.8	10.1	9.5
LSU at Alexandria	1,857	258	224	34	10.7	7.6	7.9	8.6	9.9
LSU A&M (Including Ag. & Law)	27,909	2,898	2,746	152	15.9	13.5	15.4	10.3	15.1
LSU in Shreveport	2,888	335	254	81	7.9	7.9	5.8	7.4	7.9
University of New Orleans	9,083	453	388	65	6.6	**	**	**	9.4
Southern University A&M	8,392	847	721	127	6.1	8.0	8.4	7.5	7.3
Southern University at New Orleans	1,818	**	**	**	**	**	7.2	6.5	5.7
PUBLIC TWO YEAR INSTITUTIONS									
LSU at Eunice	1,917	168	156	12	9.8	9.4	10.0	8.9	9.0
Southern University at Shreveport	1,762	175	130	45	7.9	5.3	10.5	6.3	7.8
Baton Rouge Community College	4,527	564	473	91	22.5	16.5	12.1	13.2	13.5
Bossier Parish Community College**	3,171	**	**	**	**	**	**	**	**
Delgado Community College	7,641	926	737	190	8.0	**	11.9	15.7	15.5
Nunez Community College	640	9	6	3	9.0	**	17.9	19.5	**
River Parishes Community College**	631	**	**	**	**	**	**	**	12.0
South Louisiana Community College	1,369	211	173	38	12.4	5.2	15.7	20.8	

Louisiana Delta Community College**	656	**	**	**	**	**	**	**
L.T.C. Fletcher	758	339	324	15	17.8	14.3	8.8	12.7
L.T.C. Sowela	1,146	442	411	32	11.3		15.2	16.7
LTC Campuses								
LTC - Acadian	133	261	257	4	16.3	33.0	16.8	
LTC - Alexandria	305	0	0	0	0.0	3.2	7.0	
LTC - Ascension	189	215	215	0	23.8	26.5	14.4	
LTC - Avoyelles	236	196	196	0	11.5	10.5	9.4	
LTC - Bastrop	160	100	100	0	20.0	20.0	18.3	
LTC - Baton Rouge	635	324	298	26	11.5	10.6	9.7	
LTC - Charles B. Coreil	105	0	0	0	0.0	0.0	0.0	
LTC - Delta Ouachita	395	300	276	24	42.8	68.7	13.4	
LTC - Evangeline	175	0	0	0	0.0	28.7	17.5	
LTC - Florida Parishes	176	193	178	15	27.5	17.4	17.2	
LTC - Folkes	571	0	0	0	0.0	13.1	0.0	
LTC - Gulf Area	268	141	141	0	6.1	11.5	7.3	
LTC - Hammond	176	392	353	39	28.0	16.4	13.5	
LTC - Huey P. Long	122	0	0	0	0.0	20.9	24.2	
LTC - Jefferson	248	153	135	18	7.6		12.2	
LTC - Jumonville	121	53	53	0	17.5	19.5	8.6	
LTC - Lafayette	717	1,044	1,044	0	18.9	27.4	17.8	
LTC - Lafourche	211	345	337	9	19.1	20.7	16.7	
LTC - Lamar Salter	207	331	309	22	36.7	37.0	33.6	
LTC - Mansfield	96	102	102	0	25.3	20.6	25.7	
LTC - Morgan Smith	112	174	171	3	29.0	26.4	25.0	
LTC - Natchitoches	158	0	0	0	0.0	18.7	33.0	
LTC - North Central	78	180	180	0	22.4	25.5	20.5	
LTC - Northeast	134	182	173	9	22.6	25.1	19.7	
LTC - Northwest	467	35	35	0	5.0	22.1	21.4	
LTC - Oakdale	196	80	80	0	11.4	10.8	8.0	
LTC - River Parishes	471	618	561	57	30.8	27.2	18.9	
LTC - Ruston	115	254	254	0	16.9	16.8	12.9	
LTC - West Jefferson	54	0	0	0	0.0		16.2	
LTC - Westside	44	0	0	0	0.0	0.0	0.0	
LTC - Young Memorial	247	33	33	0	1.2	37.2	20.1	
LTC - Sabine Valley	101	42	42	0	42.0	12.0	20.0	
LTC - Shelby Jackson	131	0	0	0	0.0	14.7	22.5	
LTC - Shreveport Bossier	697	120	120	0	30.0	26.0	31.2	
LTC - Sidney Collier	**	**	**	**	**		39.7	
LTC - Slidell	**	**	**	**	**		19.5	

LTC - Sullivan	502	364	340	24	11.3		13.1
LTC - T. H. Harris	470	518	518	0	14.7	18.0	9.7
LTC - Tallulah/M. Surles	221	175	175	0	25.0	20.3	29.7
LTC - Teche Area	358	1,525	1,525	0	50.8	46.0	29.6

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

AVERAGE WEEKLY ROOM USAGE IN LABORATORIES (TABLE 4) 2006

