

# 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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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

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INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS				
					2004	2003	2002	2001	2000
<b>PUBLIC FOUR YEAR INSTITUTIONS</b>									
Grambling State University	4,658	0	0	0	0.0	6.3	6.3	4.5	6.2
Louisiana Tech University	10,160	740	682	58	5.7	5.2	6.3	5.0	4.8
McNeese State University	7,660	876	742	134	10.9	10.1	10.8	10.0	11.0
Nicholls State University	6,389	721	631	90	8.3	8.0	8.3	8.4	6.9
University of Louisiana in Monroe	7,702	554	488	66	8.9	8.3	**	**	8.5
Northwestern State University	8,640	1,213	978	236	9.7	10.9	10.1	9.8	9.6
Southeastern Louisiana University	13,002	1,413	1,328	86	10.4	15.4	16.0	15.8	13.0
University of Louisiana in Lafayette	14,198	930	820	110	8.8	10.1	9.5	9.0	9.2
LSU at Alexandria	2,007	223	194	29	7.9	8.6	9.9	7.3	10.6
LSU A&M (Including Ag. & Law)	29,982	2,916	2,700	216	15.4	10.3	15.1	14.3	12.6
LSU in Shreveport	3,214	246	172	74	5.8	7.4	7.9	7.1	6.8
University of New Orleans	12,996	**	**	**	**	**	9.4	8.5	8.5
Southern University A&M	9,173	996	860	136	8.4	7.5	7.3	6.9	8.3
Southern University at New Orleans	2,899	450	306	145	7.2	6.5	5.7	6.1	7.5
<b>PUBLIC TWO YEAR INSTITUTIONS</b>									
LSU at Eunice	2,151	160	152	8	10.0	8.9	9.0	8.6	12.4
Southern University at Shreveport	1,835	232	178	54	10.5	6.3	7.8	7.1	6.8
Baton Rouge Community College	3,909	146	114	32	12.1	13.2	13.5	15.1	15.4
Bossier Parish Community College	2,896	**	**	**	**	**			
Delgado Community College	10,599	1,768	1,270	499	11.9	15.7	15.5	**	13.5
Nunez Community College	1,608	395	259	136	17.9	19.5	**	17.7	17.0
River Parishes Community College	530	**	**	**	**	**	12.0	9.0	1.5
South Louisiana Community College	1,076	142	117	26	15.7	20.8			

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INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS				
					2004	2003	2002	2001	2000
Louisiana Delta Community College	653	**	**	**	**	**			
L.T.C. Fletcher	477	133	115	18	8.8	12.7			
L.T.C. Sowela	1,086	932	853	79	15.2	16.7			
LTC Campuses									
LTC - Acadian	140	287	287	0	16.8				
LTC - Alexandria	280	170	170	0	7.0				
LTC - Ascension	105	130	130	0	14.4				
LTC - Avoyelles	166	161	161	0	9.4				
LTC - Bastrop	224	147	147	0	18.3				
LTC - Baton Rouge	543	460	429	31	9.7				
LTC - Charles B. Coreil	83	0	0	0	0.0				
LTC - Delta Ouachita	228	94	86	8	13.4				
LTC - Evangeline	185	105	105	0	17.5				
LTC - Florida Parishes	236	121	121	0	17.2				
LTC - Folkes	218	0	0	0	0.0				
LTC - Gulf Area	212	169	169	0	7.3				
LTC - Hammond	133	190	190	0	13.5				
LTC - Huey P. Long	103	340	340	0	24.2				
LTC - Jefferson	228	294	270	24	12.2				
LTC - Jumonville	83	26	26	0	8.6				
LTC - Lafayette	495	1,034	1,001	33	17.8				
LTC - Lafourche	118	301	301	0	16.7				
LTC - Lamar Salter	120	404	404	0	33.6				
LTC - Mansfield	76	103	103	0	25.7				
LTC - Morgan Smith	96	150	150	0	25.0				
LTC - Natchitoches	209	66	60	6	33.0				
LTC - North Central	75	164	155	10	20.5				
LTC - Northeast	104	158	141	17	19.7				

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INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS				
					2004	2003	2002	2001	2000
LTC - Northwest	388	193	193	0	21.4				
LTC - Oakdale	267	56	56	0	8.0				
LTC - River Parishes	261	397	388	9	18.9				
LTC - Ruston	101	194	194	0	12.9				
LTC - West Jefferson	167	162	156	6	16.2				
LTC - Westside	73	0	0	0	0.0				
LTC - Young Memorial	177	584	568	16	20.1				
LTC - Sabine Valley	113	20	20	0	20.0				
LTC - Shelby Jackson	106	90	90	0	22.5				
LTC - Shreveport Bossier	533	125	122	3	31.2				
LTC - Sidney Collier	264	517	443	74	39.7				
LTC - Slidell	289	313	269	44	19.5				
LTC - Sullivan	361	406	373	33	13.1				
LTC - T. H. Harris	469	343	343	0	9.7				
LTC - Tallulah/M. Surles	161	208	208	0	29.7				
LTC - Teche Area	275	861	861	0	29.6				

\*DOES NOT INCLUDE SATURDAY CLASSES

\*\*NOT AVAILABLE

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