

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

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IN CLASS LABORATORIES**

INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS					
					2010	2009	2008	2007	2006	
PUBLIC FOUR YEAR INSTITUTIONS										
Grambling State University	4,419	409	382	27	4.3	4.1	3.6	3.9	5.4	
Louisiana Tech University	9,395	529	518	11	5.2	5.7	5.6	5.2	7.0	
McNeese State University	7,607	763	702	61	11.7	13.2	10.8	13.5	16.2	
Nicholls State University	5,964	530	468	62	5.6	7.4	7.6	8.5	8.7	
University of Louisiana in Monroe	6,994	554	515	39	9.9	8.1	8.0	9.3	9.2	
Northwestern State University	6,994	965	784	182	5.7	6.2	6.4	7.1	7.0	
Southeastern Louisiana University	12,591	1,272	1,174	98	10.3	10.0	11.7	11.2	13.8	
University of Louisiana in Lafayette	14,462	872	784	88	8.3	6.5	6.7	6.7	8.8	
LSU at Alexandria	1,787	201	188	13	6.9	8.9	8.9	9.1	10.7	
LSU A&M (Including Ag. & Law)	27,560	1,678	1,543	135	7.1	7.8	8.3	10.1	15.9	
LSU in Shreveport	3,012	268	211	57	6.2	6.1	6.1	5.7	7.9	
University of New Orleans	8,659	423	353	70	5.8	6.5	5.9	6.0	6.6	
Southern University A&M	7,261	802	654	148	4.6	5.4	6.4	6.1	6.1	
Southern University at New Orleans	2,606	118	98	20	6.5	**	**	**	**	
PUBLIC TWO YEAR INSTITUTIONS										
LSU at Eunice	2,115	170	166	4	10.6	11.8	11.1	8.8	9.8	
Southern University at Shreveport	2,018	183	143	40	5.3	7.3	7.7	9.6	7.9	
Baton Rouge Community College	5,574	397	312	86	22.0	28.0	23.1	24.2	22.5	
Bossier Parish Community College	4,583	447	334	113	16.5	16.7	17.7	13.3	**	
Delgado Community College	12,219	1,694	1,290	404	9.4	11.0	9.7	9.2	8.0	
Nunez Community College	1,291	0	0	0	0.0	23.3	10.2	23.9	9.0	
River Parishes Community College	1,430	100	89	11	25.0	20.3	10.5	15.5	**	
South Louisiana Community College	2,583	256	206	51	15.0	15.0	12.6	12.8	12.4	
Louisiana Delta Community College	1,695	254	239	15	11.5	0.0	**	**	**	
L.T.C. Fletcher	1,449	250	241	9	7.1	13.1	23.0	12.4	17.8	
L.T.C. Sowela	1,890	483	483	0	8.3	30.5	15.6	8.5	11.3	
LTC Campuses										
LTC - Acadian	272	369	369	0	23.0	20.7	20.6	30.3	16.3	
LTC - Alexandria	422	299	299	0	12.4	10.1	11.4	19.9	0.0	

LTC - Avoyelles	548	69	69	0	11.5	22.1	20.1	32.2	11.5
LTC - Bastrop	208	198	190	8	17.9	16.1	20.4	10.6	20.0
LTC - Baton Rouge	1,247	266	226	40	11.5	11.3	10.3	10.6	11.5
LTC - Charles B. Coreil	214	95	95	0	23.7	47.5	0.0	114.8	0.0
LTC - Delta Ouachita	565	166	166	0	27.6	34.3	56.6	50.2	42.8
LTC - Evangeline	268	316	310	6	35.0	41.3	10.9	85.0	0.0
LTC - Florida Parishes	474	224	214	10	20.3	19.4	21.7	24.8	27.5
LTC - Folkes	681	35	35	0	8.7	6.2	0.0	0.0	0.0
LTC - Gulf Area	488	397	388	9	12.4	15.7	9.3	8.3	6.1
LTC - Hammond	444	371	345	26	30.9	42.8	25.1	23.0	28.0
LTC - Huey P. Long	239	236	236	0	16.8	17.6	20.3	18.0	0.0
LTC - Jumonville	157	8	0	8	2.6	0.0	7.3	10.6	17.5
LTC - Lafayette	966	959	950	9	17.4	14.0	12.1	27.2	18.9
LTC - Lafourche	313	300	271	29	24.9	23.3	16.0	33.5	19.1
LTC - Lamar Salter	271	634	634	0	45.2	15.7	38.4	41.1	36.7
LTC - Mansfield	164	75	69	6	12.4	10.4	10.8	16.6	25.3
LTC - Morgan Smith	203	89	89	0	14.8	29.5	22.2	18.6	29.0
LTC - Natchitoches	211	0	0	0	0.0	12.5	0.0	0.0	0.0
LTC - North Central	78	129	129	0	16.0	16.0	11.1	23.9	22.4
LTC - Northeast	163	149	145	4	18.6	24.3	27.5	17.3	22.6
LTC - Northwest	565	178	178	0	17.8	18.1	14.9	12.2	5.0
LTC - Oakdale	357	65	65	0	9.2	13.1	8.5	9.7	11.4
LTC - River Parishes	805	355	308	47	29.5	28.0	29.2	0.0	30.8
LTC - Ruston	163	206	206	0	13.7	13.7	12.8	9.6	16.9
LTC - Westside	74	0	0	0	0.0	0.0	0.0	0.0	0.0
LTC - Young Memorial	343	679	679	0	17.8	27.6	19.7	17.8	1.2
LTC - Sabine Valley	152	0	0	0	0.0	0.0	0.0	43.0	42.0
LTC - Shelby Jackson	191	55	55	0	13.7	29.3	20.6	17.6	0.0
LTC - Shreveport Bossier	806	628	576	52	26.1	33.1	33.1	24.3	30.0
LTC - Sullivan	932	423	412	11	21.1	27.8	10.2	8.7	11.3
LTC - T. H. Harris	498	405	405	0	11.2	12.3	13.1	11.8	14.7
LTC - Teche Area	399	514	496	18	17.7	23.0	22.1	30.9	50.8

*DOES NOT INCLUDE SATURDAY CLASSES

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