

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				
					2021	2019	2018	2017	2016
PUBLIC FOUR YEAR INSTITUTIONS									
Grambling State University	4,493	283	262	21	2.9	3.3	3.1	3.0	3.1
Louisiana Tech University	9,404	882	869	13	10.3	7.0	9.3	9.5	10.2
McNeese State University	5,547	180	165	15	11.3	14.5	15.3	7.8	10.1
Nicholls State University	5,283	978	942	36	13.6	10.2	8.2	8.3	7.9
University of Louisiana in Monroe	7,015	263	239	24	4.7	5.7	5.8	5.0	5.5
Northwestern State University	7,758	1,770	1,710	60	26.4	15.6	15.7	15.0	12.8
Southeastern Louisiana University	10,247	1,087	1,052	35	13.6	13.7	12.6	10.9	12.3
University of Louisiana in Lafayette	13,073	600	549	51	10.0	10.8	11.3	12.3	12.5
LSU at Alexandria	2,619	202	202	0	10.6	4.4	4.4	9.8	8.8
LSU A&M (Including Ag. & Law)	32,451	2,212	2,138	74	7.3	11.1	11.2	7.3	7.4
LSU in Shreveport	5,137	209	181	28	6.7	7.3	6.2	6.8	7.5
University of New Orleans	5,917	727	620	107	5.0	7.1	7.2	4.4	4.4
Southern University A&M(Including Law)	7,122	426	376	50	5.1	6.7	6.5	7.4	7.0
Southern University at New Orleans	1,365	83	66	17	4.9	4.6	4.7	4.7	5.6
PUBLIC TWO YEAR INSTITUTIONS									
LSU at Eunice	2,034	169	169	0	16.9	6.2	6.2	6.1	5.8
Southern University at Shreveport	1,647	55	55	0	1.7	3.1	2.4	5.4	7.2
Baton Rouge Community College	4,806	398	378	20	5.2	20.7	23.2	11.8	16.5
Bossier Parish Community College	3,597	363	290	73	5.1	7.6	7.5	7.8	15.4
Delgado Community College	7,363	904	675	229	6.1	10.6	10.8	13.1	12.0
Nunez Community College	1,194	181	166	15	16.5	6.2	1.6	1.6	1.0
River Parishes Community College	1,530	232	207	25	7.3	8.3	11.1	6.1	7.3
South Louisiana Community College	2,951	400	398	2	7.3	9.7	6.3	13.4	34.5
Acadian	75	123	123	0	7.2	6.8	5.6	4.6	5.0
Charles B. Coreil	60	19	19	0	4.8	0.0	3.5	3.5	0.0
Evangeline	55	0	0	0	0.0	0.0	2.6	0.0	0.0
Gulf Area	126	130	124	6	4.6	5.2	3.9	3.5	3.1
Lafayette	362	672	656	16	16.0	11.5	13.1	9.4	0.0

T. H. Harris	301	86	86	0	2.4	3.0	2.8	4.3	4.2
Young Memorial	103	44	44	0	11.0	10.1	19.0	28.3	32.1
Louisiana Delta Community College	2,396	3,850	3,276	574	57.5	8.7	8.7	8.0	8.0
L. E. Fletcher Tech Community College	1,025	65	65	0	8.1	10.3	14.4	8.7	7.6
Lafourche	118	804	804	0	201.0				
Sowela Technical Community College	2,017	4,312	4,230	82	48.4	27.0	23.8	28.0	25.8
Central LA Technical College									
Alexandria	487	0	0	0	0.0	2.0	8.0	6.4	11.2
Avoyelles	97	257	257	0	36.7	10.0	14.8	16.4	16.0
Huey P. Long	187	36	36	0	7.2	26.5	15.0	22.7	35.7
Lamar Salter	103	122	118	4	12.2	16.4	24.7	22.0	27.6
Natchitoches	245	142	142	0	11.8	17.8	27.6	18.8	25.1
Sabine Valley	71	26	26	0	4.3	0.0	0.0	0.0	41.5
Shelby Jackson	98	0	0	0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College	622	2,208	2,144	64	52.6				
Northshore Technical Community College									
Florida Parish	231	1	1	0	1.0				
Hammond	461	167	167	0	41.8				
Lacombe	848	430	362	68	43.0				
Livingston	217	209	202	7	29.9				
Sullivan	337	3	3	0	0.6	15.7	14.6	12.1	16.1

*DOES NOT INCLUDE SATURDAY CLASSES

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IN LABORATORIES (TABLE 4) 2021**

