

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	NIGHTIME	ALL HOURS				
					2024	2023	2022	2021	2019
PUBLIC FOUR YEAR INSTITUTIONS									
Grambling State University	4485	317	299	18	3.4	3.2	3.6	2.9	3.3
Louisiana Tech University	10141	887	879	8	11.2	10.9	10.5	10.3	7.0
McNeese State University	5462	150	133	17	12.5	12.1	11.5	11.3	14.5
Nicholls State University	5032	964	934	30	13.4	12.7	13.8	13.6	10.2
University of Louisiana in Monroe	6785	318	313	5	5.7	4.7	4.7	4.7	5.7
Northwestern State University	6182	1,847	1,787	60	26.4	26.4	26.2	26.4	15.6
Southeastern Louisiana University	10421	1,086	1,035	51	13.4	13.9	14.3	13.6	13.7
University of Louisiana in Lafayette	13641	646	603	43	9.9	9.4	10.0	10.0	10.8
LSU at Alexandria	4632	224	224	0	11.2	7.5	7.2	10.6	4.4
LSU A&M (Including Ag. & Law)	37650	2,483	2,372	111	7.9	7.8	7.0	7.3	11.1
LSU in Shreveport	6450	220	197	23	7.1	7.7	6.7	6.7	7.3
University of New Orleans	5080	687	613	74	4.8	5.3	4.0	5.0	7.1
Southern University A&M(Including Law)	7423	245	197	48	3.4	3.8	3.8	5.1	6.7
Southern University at New Orleans	1486	92	88	4	6.1	6.5	5.2	4.9	4.6
PUBLIC TWO YEAR INSTITUTIONS									
LSU at Eunice	2314	57	57	0	5.2	4.2	3.9	16.9	6.2
Southern University at Shreveport	1910	35	35	0	1.1	1.2	1.3	1.7	3.1
Baton Rouge Community College	6543	328	292	36	4.6	2.6	5.2	5.2	20.7
Bossier Parish Community College	3350	418	358	60	5.9	4.2	5.1	5.1	7.6
Delgado Community College	7733	1,187	1,036	151	7.9	19.5	14.0	6.1	10.6
Nunez Community College	1672	212	183	29	14.1	12.1	16.4	16.5	6.2
River Parishes Community College	1152	133	128	5	4.4	7.0	6.8	7.3	8.3
South Louisiana Community College	3127	592	541	51	10.8	10.2	10.5	7.3	9.7
Acadian	102	123	123	0	8.2	8.6	10.4	7.2	6.8
Charles B. Coreil						0	4.8	4.8	0.0
Evangeline						0	16.7	0.0	0.0
Gulf Area	159	208	208	0	7.4	9.2	4.9	4.6	5.2
Lafayette	64	635	624	11	15.1	18.2	15.0	16.0	11.5
T. H. Harris	393	215	212	3	6.0	7.0	3.4	2.4	3.0

Young Memorial	113	77	65	12	19.3	20.3	22.8	11.0	10.1
Louisiana Delta Community College	1235	6,766	5,742	1,024	102.5	37.0	46.4	57.5	8.7
L. E. Fletcher Tech Community College	1577	549	549	0	27.4	37.3	41.6	8.1	10.3
Sowela Technical Community College	2082	3,151	3,018	133	23.3	22.9	66.1	48.4	27.0
Central LA Technical College									
Alexandria						0.0	0.0	0.0	2.0
Avoyelles	141	880	880	0	125.7	23.4	102.7	36.7	10.0
Huey P. Long	218	578	578	0	115.6	10.0	91.6	7.2	26.5
Shelby Jackson	138					0.0	0.0	0.0	0.0
Northwest LA Technical College	694	1,165	912	253	33.3	65.4	65.4	52.6	
Northshore Technical Community College									
Florida Parish	197	6	6	0	6.0	5.0	0.0	10.0	
Hammond	607	146	146	0	36.5	17.8	0.0	19.0	
Lacombe	1087	136	106	30	13.6	19.3	56.0	26.2	
Livingston	579	43	43	0	6.1	13.1	0.0	18.4	
Sullivan						0.0	0.0	0.6	15.7

*DOES NOT INCLUDE SATURDAY CLASSES

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IN LABORATORIES (TABLE 4) 2024

HOURS OF INSTRUCTION

