

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).

$$\begin{array}{rcl} \text{Total Room Hours of Instruction} & = & 30 \\ \hline & & \text{-----} \\ \text{Total Number of Class Laboratories} & = & 90 \end{array} \quad \begin{array}{rcl} & & \text{-----} \\ & & = .33 \end{array}$$

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				
					2022	2021	2019	2018	2017
PUBLIC FOUR YEAR INSTITUTIONS									
Grambling State University	4,367	341	320	21	3.6	2.9	3.3	3.1	3.0
Louisiana Tech University	9,151	890	885	5	10.5	10.3	7.0	9.3	9.5
McNeese State University	5,310	161	144	17	11.5	11.3	14.5	15.3	7.8
Nicholls State University	4,947	993	950	43	13.8	13.6	10.2	8.2	8.3
University of Louisiana in Monroe	6,623	264	246	18	4.7	4.7	5.7	5.8	5.0
Northwestern State University	6,787	1,808	1,748	60	26.2	26.4	15.6	15.7	15.0
Southeastern Louisiana University	9,940	1,129	1,086	43	14.3	13.6	13.7	12.6	10.9
University of Louisiana in Lafayette	12,605	602	543	59	10.0	10.0	10.8	11.3	12.3
LSU at Alexandria	2,909	144	144	0	7.2	10.6	4.4	4.4	9.8
LSU A&M (Including Ag. & Law)	33,724	2,149	2,072	77	7.0	7.3	11.1	11.2	7.3
LSU in Shreveport	5,122	209	181	28	6.7	6.7	7.3	6.2	6.8
University of New Orleans	5,274	598	494	104	4.0	5.0	7.1	7.2	4.4
Southern University A&M(Including Law)	7,168	253	204	49	3.8	5.1	6.7	6.5	7.4
Southern University at New Orleans	1,320	73	55	18	5.2	4.9	4.6	4.7	4.7
PUBLIC TWO YEAR INSTITUTIONS									
LSU at Eunice	2,046	39	39	0	3.9	16.9	6.2	6.2	6.1
Southern University at Shreveport	1,901	42	38	4	1.3	1.7	3.1	2.4	5.4
Baton Rouge Community College	5,479	407	391	16	5.2	5.2	20.7	23.2	11.8
Bossier Parish Community College	3,963	458	399	59	5.1	5.1	7.6	7.5	7.8
Delgado Community College	7,375	2,122	1,935	187	14.0	6.1	10.6	10.8	13.1
Nunez Community College	1,240	180	176	4	16.4	16.5	6.2	1.6	1.6
River Parishes Community College	1,526	216	169	47	6.8	7.3	8.3	11.1	6.1
South Louisiana Community College	2,992	579	527	52	10.5	7.3	9.7	6.3	13.4
Acadian	65	176	156	20	10.4	7.2	6.8	5.6	4.6
Charles B. Coreil	58	19	19	0	4.8	4.8	0.0	3.5	3.5
Evangeline	36	50	30	20	16.7	0.0	0.0	2.6	0.0
Gulf Area	140	136	136	0	4.9	4.6	5.2	3.9	3.5
Lafayette	333	632	590	42	15.0	16.0	11.5	13.1	9.4

T. H. Harris	334	124	104	20	3.4	2.4	3.0	2.8	4.3
Young Memorial	96	91	91	0	22.8	11.0	10.1	19.0	28.3
Louisiana Delta Community College	2,444	3,112	2,664	448	46.4	57.5	8.7	8.7	8.0
L. E. Fletcher Tech Community College	1,257	749	749	0	41.6	8.1	10.3	14.4	8.7
Sowela Technical Community College	2,193	7,275	7,075	200	66.1	48.4	27.0	23.8	28.0
Central LA Technical College									
Alexandria	438	0	0	0	0.0	0.0	2.0	8.0	6.4
Avoyelles	108	719	719	0	102.7	36.7	10.0	14.8	16.4
Huey P. Long	183	458	458	0	91.6	7.2	26.5	15.0	22.7
Shelby Jackson	113	0	0	0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College	619	1,634	1,545	89	65.4	52.6			
Northshore Technical Community College									
Florida Parish	194	30	10	10	0.0	10.0			
Hammond	455	118	76	76	0.0	19.0			
Lacombe	870	201	288	232	56.0	26.2			
Livingston	288	77	129	129	0.0	18.4			
Sullivan	323	0	0	0	0.0	0.6	15.7	14.6	12.1

*DOES NOT INCLUDE SATURDAY CLASSES

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