

# 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

**TABLE 4  
AVERAGE WEEKLY ROOM USAGE  
IN CLASS LABORATORIES**

INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS					
					2023	2022	2021	2019	2018	
<b>PUBLIC FOUR YEAR INSTITUTIONS</b>										
Grambling State University	4,383	301	283	18	3.2	3.6	2.9	3.3	3.1	
Louisiana Tech University	9,757	875	867	8	10.9	10.5	10.3	7.0	9.3	
McNeese State University	5,302	157	140	17	12.1	11.5	11.3	14.5	15.3	
Nicholls State University	5,127	911	831	80	12.7	13.8	13.6	10.2	8.2	
University of Louisiana in Monroe	6,588	265	260	5	4.7	4.7	4.7	5.7	5.8	
Northwestern State University	6,408	1,847	1,787	60	26.4	26.2	26.4	15.6	15.7	
Southeastern Louisiana University	10,254	1,095	1,049	46	13.9	14.3	13.6	13.7	12.6	
University of Louisiana in Lafayette	13,272	562	500	62	9.4	10.0	10.0	10.8	11.3	
LSU at Alexandria	3,541	149	149	0	7.5	7.2	10.6	4.4	4.4	
LSU A&M (Including Ag. & Law)	35,931	2,489	2,410	79	7.8	7.0	7.3	11.1	11.2	
LSU in Shreveport	5,700	239	207	32	7.7	6.7	6.7	7.3	6.2	
University of New Orleans	4,977	748	639	109	5.3	4.0	5.0	7.1	7.2	
Southern University A&M(Including Law)	7,178	276	229	47	3.8	3.8	5.1	6.7	6.5	
Southern University at New Orleans	1,381	98	80	18	6.5	5.2	4.9	4.6	4.7	
<b>PUBLIC TWO YEAR INSTITUTIONS</b>										
LSU at Eunice	2,300	46	46	0	4.2	3.9	16.9	6.2	6.2	
Southern University at Shreveport	1,896	41	41	0	1.2	1.3	1.7	3.1	2.4	
Baton Rouge Community College	6,081	199	163	36	2.6	5.2	5.2	20.7	23.2	
Bossier Parish Community College	3,606	375	332	43	4.2	5.1	5.1	7.6	7.5	
Delgado Community College	7,322	3,464	3,266	198	19.5	14.0	6.1	10.6	10.8	
Nunez Community College	1,614	145	127	18	12.1	16.4	16.5	6.2	1.6	
River Parishes Community College	1,690	211	199	12	7.0	6.8	7.3	8.3	11.1	
South Louisiana Community College	3,096	561	551	10	10.2	10.5	7.3	9.7	6.3	
Acadian	82	129	129	0	8.6	10.4	7.2	6.8	5.6	
Charles B. Coreil	44	0	0	0	0	4.8	4.8	0.0	3.5	
Evangeline	57	0	0	0	0	16.7	0.0	0.0	2.6	
Gulf Area	150	258	258	0	9.2	4.9	4.6	5.2	3.9	

Lafayette	451	763	747	16	18.2	15.0	16.0	11.5	13.1
T. H. Harris	356	253	250	3	7.0	3.4	2.4	3.0	2.8
Young Memorial	102	81	69	12	20.3	22.8	11.0	10.1	19.0
Louisiana Delta Community College	2,254	2,479	2,087	392	37.0	46.4	57.5	8.7	8.7
L. E. Fletcher Tech Community College	1,529	634	634	0	37.3	41.6	8.1	10.3	14.4
Sowela Technical Community College	2,365	3,224	3,168	56	22.9	66.1	48.4	27.0	23.8
Central LA Technical College									
Alexandria	414	0	0	0	0.0	0.0	0.0	2.0	8.0
Avoyelles	117	164	164	0	23.4	102.7	36.7	10.0	14.8
Huey P. Long	190	50	42	8	10.0	91.6	7.2	26.5	15.0
Shelby Jackson	118	0	0	0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College	682	1,634	1,545	89	65.4	65.4	52.6		
Northshore Technical Community College									
Florida Parish	195	5	5	0	5.0	0.0	10.0		
Hammond	590	71	71	0	17.8	0.0	19.0		
Lacombe	986	193	160	33	19.3	56.0	26.2		
Livingston	432	92	92	0	13.1	0.0	18.4		
Sullivan	362	0	0	0	0.0	0.0	0.6	15.7	14.6

\*DOES NOT INCLUDE SATURDAY CLASSES

**AVERAGE WEEKLY ROOM USAGE  
IN LABORATORIES (TABLE 4) 2023**

