

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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INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS				
					2019	2018	2017	2016	2015
PUBLIC FOUR YEAR INSTITUTIONS									
Grambling State University	4,554	320	306	14	3.3	3.1	3.0	3.1	3.1
Louisiana Tech University	10,085	616	599	17	7.0	9.3	9.5	10.2	9.2
McNeese State University	6,378	263	234	29	14.5	15.3	7.8	10.1	10.2
Nicholls State University	5,653	740	692	48	10.2	8.2	8.3	7.9	8.1
University of Louisiana in Monroe	7,273	305	277	28	5.7	5.8	5.0	5.5	5.8
Northwestern State University	8,308	1,140	1,082	58	15.6	15.7	15.0	12.8	10.9
Southeastern Louisiana University	11,195	1,085	1,034	51	13.7	12.6	10.9	12.3	12.5
University of Louisiana in Lafayette	14,140	684	605	80	10.8	11.3	12.3	12.5	12.8
LSU at Alexandria	6,259	649	583	66	4.4	4.4	9.8	8.8	11.6
LSU A&M (Including Ag. & Law)	2,397	211	204	8	11.1	11.2	7.3	7.4	8.5
LSU in Shreveport	29,177	2,078	1,966	112	7.3	6.2	6.8	7.5	5.3
University of New Orleans	5,000	221	190	31	7.1	7.2	4.4	4.4	4.5
Southern University A&M(Including Law)	6,614	826	681	146	6.7	6.5	7.4	7.0	7.2
Southern University at New Orleans	1,804	79	65	14	4.6	4.7	4.7	5.6	5.2
PUBLIC TWO YEAR INSTITUTIONS									
LSU at Eunice	2,033	69	69	0	6.2	6.2	6.1	5.8	9.8
Southern University at Shreveport	2,067	108	97	11	3.1	2.4	5.4	7.2	6.2
Baton Rouge Community College	5,213	1,703	1,509	194	20.7	23.2	11.8	16.5	22.4
Bossier Parish Community College	4,200	545	410	135	7.6	7.5	7.8	15.4	15.4
Delgado Community College	8,567	1,114	905	209	10.6	10.8	13.1	12.0	15.3
Nunez Community College	1,354	69	48	21	6.2	1.6	1.6	1.0	0.0
River Parishes Community College	1,111	242	216	26	8.3	11.1	6.1	7.3	10.6
South Louisiana Community College	3,346	539	502	37	9.7	6.3	13.4	34.5	34.0
Acadian	89	117	117	0	6.8	5.6	4.6	5.0	7.2
Charles B. Coreil	64	0	0	0	0.0	3.5	3.5	0.0	10.0
Evangeline	95	0	0	0	0.0	2.6	0.0	0.0	8.2

Gulf Area	178	146	140	6	5.2	3.9	3.5	3.1	3.0
Lafayette	419	483	467	16	11.5	13.1	9.4	0.0	6.0
T. H. Harris	276	111	111	0	3.0	2.8	4.3	4.2	6.2
Young Memorial	138	41	41	0	10.1	19.0	28.3	32.1	34.6
Louisiana Delta Community College	1,614	105	90	15	8.7	8.7	8.0	8.0	8.5
Bastrop	127	46	46	0	7.6	7.6	4.5	4.5	5.0
Delta Ouachita	496	791	683	109	21.9	21.9	20.5	20.2	29.2
Northeast	262	151	118	34	75.5	75.5	13.2	12.5	36.7
Ruston	212	544	345	200	54.4	53.5	29.6	29.6	30.8
Tallulah	135	149	104	45	29.7	29.7	20.0	20.0	45.8
L. E. Fletcher Tech Community College	1,468	269	266	3	10.3	14.4	8.7	7.6	11.1
Sowela Technical Community College	2,477	2,998	2,895	103	27.0	23.8	28.0	25.8	24.3
Central LA Technical College									
Alexandria	490	50	50	0	2.0	8.0	6.4	11.2	7.4
Avoyelles	186	80	80	0	10.0	14.8	16.4	16.0	15.6
Huey P. Long	223	186	160	27	26.5	15.0	22.7	35.7	35.1
Lamar Salter	173	165	165	0	16.4	24.7	22.0	27.6	19.8
Shelby Jackson	124	0	0	0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College									
Mansfield	135	255	255	0	50.9	35.6	37.3	42.4	44.0
Natchitoches	218	197	183	14	17.8	27.6	18.8	25.1	32.5
Northwest	299	176	168	8	9.2	20.4	18.6	19.5	26.2
Sabine Valley	118	0	0	0	0.0	0.0	0.0	41.5	0.0
Shreveport Bossier	301	136	136	0	9.0	10.0	9.6	11.1	13.6
Northshore Technical Community College									
Sullivan	1,111	395	337	58	15.7	14.6	12.1	16.1	15.7

*DOES NOT INCLUDE SATURDAY CLASSES

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IN LABORATORIES (TABLE 4) 2019**

