

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				
					2017	2016	2015	2014	2013
PUBLIC FOUR YEAR INSTITUTIONS									
Grambling State University	4,488	298	283	15	3.0	3.1	3.1	2.9	3.6
Louisiana Tech University	10,624	572	564	9	9.5	10.2	9.2	8.7	8.6
McNeese State University	6,634	267	242	25	7.8	10.1	10.2	11.6	12.7
Nicholls State University	5,405	805	745	60	8.3	7.9	8.1	8.4	7.2
University of Louisiana in Monroe	7,530	305	278	27	5.0	5.5	5.8	6.2	9.3
Northwestern State University	8,169	990	951	39	15.0	12.8	10.9	11.7	12.6
Southeastern Louisiana University	10,947	1,268	1,205	63	10.9	12.3	12.5	12.4	11.8
University of Louisiana in Lafayette	14,753	753	670	84	12.3	12.5	12.8	13.2	14.8
LSU at Alexandria	2,368	187	184	3	9.8	8.8	11.6	10.1	10.0
LSU A&M (Including Ag. & Law)	28,136	1,778	1,669	109	7.3	7.4	8.5	9.5	9.7
LSU in Shreveport	3,636	212	185	27	6.8	7.5	5.3	9.4	10.1
University of New Orleans	6,112	649	583	66	4.4	4.4	4.5	4.5	4.6
Southern University A&M	6,257	906	745	161	7.4	7.0	7.2	8.4	8.0
Southern University at New Orleans	2,024	72	58	14	4.7	5.6	5.2	7.6	7.3
Southern University Law Center	0	0	0	0	0.0	0.0			
PUBLIC TWO YEAR INSTITUTIONS									
LSU at Eunice	1,951	61	61	0	6.1	5.8	9.8	6.4	14.3
Southern University at Shreveport	2,064	186	163	23	5.4	7.2	6.2	6.9	7.4
Baton Rouge Community College	5,122	878	763	115	11.8	16.5	22.4	25.3	19.9
Bossier Parish Community College	4,464	550	387	163	7.8	15.4	15.4	16.2	20.0
Delgado Community College	8,608	1,134	921	214	13.1	12.0	15.3	15.9	11.5
Nunez Community College	1,589	10	3	7	1.6	1.0	0.0	0.0	0.0
River Parishes Community College	1,440	92	79	13	6.1	7.3	10.6	5.8	17.2
South Louisiana Community College	3,104	350	303	47	13.4	34.5	34.0	23.8	18.0
Acadian	78	79	79	0	4.6	5.0	7.2	15.7	17.0
Charles B. Coreil	69	18	18	0	3.5	0.0	10.0	7.5	7.5

Evangeline	74	0	0	0	0.0	0.0	8.2	7.2	9.3
Gulf Area	170	99	99	0	3.5	3.1	3.0	8.8	14.1
Lafayette	622	417	417	0	9.4	0.0	6.0	11.6	15.5
T. H. Harris	257	157	157	0	4.3	4.2	6.2	8.3	8.9
Teche Area	43	82	82	0	2.8	0.8	2.9	7.5	13.7
Louisiana Delta Community College	1,337	96	76	21	8.0	8.0	8.5	8.5	10.2
Bastrop	123	28	28	0	4.5	4.5	5.0	12.3	12.0
Delta Ouachita	441	740	714	26	20.5	20.2	29.2	0.0	15.2
North Central	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Northeast	184	93	77	16	13.2	12.5	36.7	31.5	7.3
Ruston	173	296	296	0	29.6	29.6	30.8	0.0	19.2
Tallulah	158	100	100	0	20.0	20.0	45.8	36.2	11.2
L. E. Fletcher Tech Community College	1,392	192	189	3	8.7	7.6	11.1	22.3	30.2
Sowela Technical Community College	2,161	2,780	2,678	102	28.0	25.8	24.3	22.5	22.0
Capital Area Technical College									
Baton Rouge	0	0	0	0	0.0	0.0	12.6	14.7	21.9
Folkes	0	0	0	0	0.0	0.0	15.0	43.0	34.1
Jumonville	0	0	0	0	0.0	0.0	27.6	3.0	3.0
Westside	0	0	0	0	0.0	0.0	12.2	0.0	0.0
South Central LA Technical College									
Lafourche	152	229	219	10	22.8	21.0	23.4	13.2	18.6
River Parishes	742	193	165	28	16.0	21.0	16.7	29.3	27.3
Young Memorial	169	85	85	0	28.3	32.1	34.6	30.0	23.9
Central LA Technical College									
Alexandria	412	154	154	0	6.4	11.2	7.4	6.6	14.4
Avoyelles	200	132	132	0	16.4	16.0	15.6	19.8	32.5
Huey P. Long	175	159	155	4	22.7	35.7	35.1	18.5	44.1
Lamar Salter	153	221	221	0	22.0	27.6	19.8	15.5	40.5
Oakdale	93	117	117	0	16.6	13.0	14.9	21.2	21.5
Shelby Jackson	125	0	0	0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College									
Mansfield	89	187	187	0	37.3	42.4	44.0	60.1	34.2
Natchitoches	224	207	187	20	18.8	25.1	32.5	36.0	0.0
Northwest	316	411	385	26	18.6	19.5	26.2	30.9	19.9
Sabine Valley	88	0	0	0	0.0	41.5	0.0	0.0	0.0
Shreveport Bossier	305	183	158	26	9.6	11.1	13.6	12.7	19.5
Northshore Technical Community College									
Florida Parishes	0	0	0	0	0.0	0.0	0.0	0.0	9.0
Hammond	0	0	0	0	0.0	0.0	29.0	29.7	27.9
Sullivan	2,330	267	258	9	12.1	16.1	15.7	12.6	19.5

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