

# 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				
					2014	2013	2012	2011	2010
<b>PUBLIC FOUR YEAR INSTITUTIONS</b>									
Grambling State University	3,836	291	268	23	2.9	3.6	3.9	3.6	4.3
Louisiana Tech University	9,327	525	516	9	8.7	8.6	10.1	7.0	5.2
McNeese State University	7,017	257	227	30	11.6	12.7	13.6	12.0	11.7
Nicholls State University	5,475	748	686	62	8.4	7.2	6.3	6.2	5.6
University of Louisiana in Monroe	6,873	360	330	30	6.2	9.3	7.7	9.4	9.9
Northwestern State University	6,661	750	715	35	11.7	12.6	9.0	5.8	5.7
Southeastern Louisiana University	11,267	1,170	1,102	68	12.4	11.8	11.7	10.5	10.3
University of Louisiana in Lafayette	14,415	755	677	78	13.2	14.8	10.4	7.1	8.3
LSU at Alexandria	1,926	194	174	20	10.1	10.0	6.6	5.3	6.9
LSU A&M (Including Ag. & Law)	28,503	2,122	1,977	145	9.5	9.7	7.3	7.5	7.1
LSU in Shreveport	2,809	294	256	38	9.4	10.1	11.3	9.2	6.2
University of New Orleans	7,168	648	582	66	4.5	4.6	5.6	6.0	5.8
Southern University A&M	6,054	967	763	204	8.4	8.0	4.6	4.6	4.6
Southern University at New Orleans	2,008	107	84	23	7.6	7.3	6.5	4.6	6.5
<b>PUBLIC TWO YEAR INSTITUTIONS</b>									
LSU at Eunice	1,773	71	71	0	6.4	14.3	10.2	11.1	10.6
Southern University at Shreveport	2,136	235	198	37	6.9	7.4	6.9	5.6	5.3
Baton Rouge Community College	5,691	380	286	94	25.3	19.9	28.3	20.5	22.0
Bossier Parish Community College	5,602	587	440	147	16.2	20.0	14.8	18.0	16.5
Delgado Community College	10,727	767	584	183	15.9	11.5	9.2	10.6	9.4
Nunez Community College	1,407	0	0	0	0.0	0.0	21.7	0.0	0.0
River Parishes Community College	1,203	41	35	6	5.8	17.2	24.2	19.5	25.0
South Louisiana Community College	2,775	381	326	56	23.8	18.0	15.4	15.5	15.0
Acadian	116	269	269	0	15.7	17.0	19.8	22.5	23.0
Charles B. Coreil	79	30	30	0	7.5	7.5	6.1	25.2	23.7
Evangeline	65	65	65	0	7.2	9.3	0.0	26.9	35.0

Gulf Area	194	248	248	0	8.8	14.1	11.7	12.4	12.4
Lafayette	649	643	625	18	11.6	15.5	15.5	20.1	17.4
T. H. Harris	277	302	302	0	8.3	8.9	14.8	10.8	11.2
Teche Area	99	219	219	0	7.5	13.7	0.0	19.2	17.7
Louisiana Delta Community College	1,504	103	83	21	8.5	10.2	13.1	9.5	11.5
Bastrop	114	74	74	0	12.3	12.0	24.2	19.5	17.9
Delta Ouachita	391	0	0	0	0.0	15.2	19.7	21.1	27.6
North Central	11	0	0	0	0.0	0.0	8.0	19.7	16.0
Northeast	110	158	152	6	31.5	7.3	15.8	19.5	18.6
Ruston	114	0	0	0	0.0	19.2	22.2	16.7	13.7
Tallulah	134	181	181	0	36.2	11.2	11.1		
L. E. Fletcher Tech Community College	1,413	179	173	6	22.3	30.2	8.6	14.5	7.1
Sowela Technical Community College	2,231	1,802	1,623	179	22.5	22.0	22.2	21.4	8.3
Capital Area Technical College									
Baton Rouge	571	280	254	26	14.7	21.9	15.6	13.1	11.5
Folkes	473	172	137	36	43.0	34.1	13.1	3.5	8.7
Jumonville	38	9	0	9	3.0	3.0	24.6	13.8	2.6
Westside	19	0	0	0	0.0	0.0	0.0	0.0	0.0
South Central LA Technical College									
Lafourche	387	160	160	0	13.2	18.6	13.4	20.0	24.9
River Parishes	825	412	307	105	29.3	27.3	30.7	30.3	29.5
Young Memorial	375	271	271	0	30.0	23.9	23.9	26.1	17.8
Central LA Technical College									
Alexandria	384	161	134	27	6.6	14.4	13.7	16.8	12.4
Avoyelles	296	159	159	0	19.8	32.5	30.3	28.7	11.5
Huey P. Long	184	130	130	0	18.5	44.1	27.3	16.0	16.8
Lamar Salter	152	171	171	0	15.5	40.5	28.2	33.7	45.2
Oakdale	168	149	149	0	21.2	21.5	20.4	23.7	9.2
Shelby Jackson	112	0	0	0	0.0	0.0	0.0	0.0	13.7
Northwest LA Technical College									
Mansfield	183	301	275	26	60.1	34.2	7.8	19.4	12.4
Natchitoches	263	360	353	7	36.0	0.0	0.0	0.0	0.0
Northwest	504	619	571	48	30.9	19.9	19.7	17.5	17.8
Sabine Valley	197	0	0	0	0.0	0.0	0.0	0.0	0.0
Shreveport Bossier	535	243	214	29	12.7	19.5	14.2	22.9	26.1
Northshore Technical Community College									
Florida Parishes	338	0	0	0	0.0	9.0	26.1	26.5	20.3
Hammond	359	268	241	27	29.7	27.9	30.8	37.5	30.9
Sullivan	977	101	98	3	12.6	19.5	21.3	22.3	21.1

\*DOES NOT INCLUDE SATURDAY CLASSES

### AVERAGE WEEKLY ROOM USAGE IN LABORATORIES (TABLE 4) 2014

