

# 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				
					2016	2015	2014	2013	2012
<b>PUBLIC FOUR YEAR INSTITUTIONS</b>									
Grambling State University	4,236	301	284	17	3.1	3.1	2.9	3.6	3.9
Louisiana Tech University	10,400	577	572	5	10.2	9.2	8.7	8.6	10.1
McNeese State University	6,540	224	204	20	10.1	10.2	11.6	12.7	13.6
Nicholls State University	5,343	758	712	46	7.9	8.1	8.4	7.2	6.3
University of Louisiana in Monroe	7,480	348	318	30	5.5	5.8	6.2	9.3	7.7
Northwestern State University	7,516	824	781	43	12.8	10.9	11.7	12.6	9.0
Southeastern Louisiana University	10,900	1,232	1,184	48	12.3	12.5	12.4	11.8	11.7
University of Louisiana in Lafayette	14,949	742	656	86	12.5	12.8	13.2	14.8	10.4
LSU at Alexandria	2,251	168	162	7	8.8	11.6	10.1	10.0	6.6
LSU A&M (Including Ag. & Law)	29,103	1,842	1,754	88	7.4	8.5	9.5	9.7	7.3
LSU in Shreveport	2,993	235	203	32	7.5	5.3	9.4	10.1	11.3
University of New Orleans	6,212	649	583	66	4.4	4.5	4.5	4.6	5.6
Southern University A&M	6,160	851	677	175	7.0	7.2	8.4	8.0	4.6
Southern University at New Orleans	1,931	85	72	13	5.6	5.2	7.6	7.3	6.5
Southern University Law Center	621	0	0	0	0.0				
<b>PUBLIC TWO YEAR INSTITUTIONS</b>									
LSU at Eunice	1,854	64	64	0	5.8	9.8	6.4	14.3	10.2
Southern University at Shreveport	2,141	245	214	31	7.2	6.2	6.9	7.4	6.9
Baton Rouge Community College	5,628	1,061	979	82	16.5	22.4	25.3	19.9	28.3
Bossier Parish Community College	4,403	555	422	133	15.4	15.4	16.2	20.0	14.8
Delgado Community College	9,321	662	527	135	12.0	15.3	15.9	11.5	9.2
Nunez Community College	1,407	6	6	0	1.0	0.0	0.0	0.0	21.7
River Parishes Community College	1,159	96	89	7	7.3	10.6	5.8	17.2	24.2
South Louisiana Community College	2,807	553	482	71	34.5	34.0	23.8	18.0	15.4
Acadian	56	85	85	0	5.0	7.2	15.7	17.0	19.8
Charles B. Coreil	73	0	0	0	0.0	10.0	7.5	7.5	6.1

Evangeline	71	0	0	0	0.0	8.2	7.2	9.3	0.0
Gulf Area	96	87	87	0	3.1	3.0	8.8	14.1	11.7
Lafayette	1,065	5	5	0	0.0	6.0	11.6	15.5	15.5
T. H. Harris	225	153	153	0	4.2	6.2	8.3	8.9	14.8
Teche Area	27	25	25	0	0.8	2.9	7.5	13.7	0.0
Louisiana Delta Community College	1,334	96	76	21	8.0	8.5	8.5	10.2	13.1
Bastrop	122	28	28	0	4.5	5.0	12.3	12.0	24.2
Delta Ouachita	452	729	704	26	20.2	29.2	0.0	15.2	19.7
North Central	0	0	0	0	0.0	0.0	0.0	0.0	8.0
Northeast	118	63	63	0	12.5	36.7	31.5	7.3	15.8
Ruston	143	296	296	0	29.6	30.8	0.0	19.2	22.2
Tallulah	138	100	100	0	20.0	45.8	36.2	11.2	11.1
L. E. Fletcher Tech Community College	1,340	169	166	3	7.6	11.1	22.3	30.2	8.6
Sowela Technical Community College	2,255	2,483	2,359	125	25.8	24.3	22.5	22.0	22.2
Capital Area Technical College									
Baton Rouge	0	0	0	0	0.0	12.6	14.7	21.9	15.6
Folkes	0	0	0	0	0.0	15.0	43.0	34.1	13.1
Jumonville	0	0	0	0	0.0	27.6	3.0	3.0	24.6
Westside	0	0	0	0	0.0	12.2	0.0	0.0	0.0
South Central LA Technical College									
Lafourche	160	232	232	0	21.0	23.4	13.2	18.6	13.4
River Parishes	721	274	213	61	21.0	16.7	29.3	27.3	30.7
Young Memorial	198	129	129	0	32.1	34.6	30.0	23.9	23.9
Central LA Technical College									
Alexandria	456	271	271	0	11.2	7.4	6.6	14.4	13.7
Avoyelles	234	128	128	0	16.0	15.6	19.8	32.5	30.3
Huey P. Long	175	251	241	10	35.7	35.1	18.5	44.1	27.3
Lamar Salter	176	305	305	0	27.6	19.8	15.5	40.5	28.2
Oakdale	130	92	92	0	13.0	14.9	21.2	21.5	20.4
Shelby Jackson	126	0	0	0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College									
Mansfield	127	212	212	0	42.4	44.0	60.1	34.2	7.8
Natchitoches	191	277	256	22	25.1	32.5	36.0	0.0	0.0
Northwest	387	392	368	24	19.5	26.2	30.9	19.9	19.7
Sabine Valley	97	208	208	0	41.5	0.0	0.0	0.0	0.0
Shreveport Bossier	426	235	210	25	11.1	13.6	12.7	19.5	14.2
Northshore Technical Community College									
Florida Parishes	0	0	0	0	0.0	0.0	0.0	9.0	26.1
Hammond	0	0	0	0	0.0	29.0	29.7	27.9	30.8
Sullivan	1,883	340	318	22	16.1	15.7	12.6	19.5	21.3

### AVERAGE WEEKLY ROOM USAGE IN LABORATORIES (TABLE 4) 2016

