

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				
					2015	2014	2013	2012	2011
PUBLIC FOUR YEAR INSTITUTIONS									
Grambling State University	3,887	306	277	29	3.1	2.9	3.6	3.9	3.6
Louisiana Tech University	9,951	561	556	5	9.2	8.7	8.6	10.1	7.0
McNeese State University	6,937	225	200	25	10.2	11.6	12.7	13.6	12.0
Nicholls State University	5,295	779	735	44	8.1	8.4	7.2	6.3	6.2
University of Louisiana in Monroe	7,289	350	318	32	5.8	6.2	9.3	7.7	9.4
Northwestern State University	7,130	702	671	32	10.9	11.7	12.6	9.0	5.8
Southeastern Louisiana University	11,144	1,194	1,114	80	12.5	12.4	11.8	11.7	10.5
University of Louisiana in Lafayette	15,158	758	662	96	12.8	13.2	14.8	10.4	7.1
LSU at Alexandria	2,170	221	211	11	11.6	10.1	10.0	6.6	5.3
LSU A&M (Including Ag. & Law)	29,244	1,923	1,800	123	8.5	9.5	9.7	7.3	7.5
LSU in Shreveport	2,911	230	186	44	5.3	9.4	10.1	11.3	9.2
University of New Orleans	6,534	648	582	66	4.5	4.5	4.6	5.6	6.0
Southern University A&M	6,391	861	708	153	7.2	8.4	8.0	4.6	4.6
Southern University at New Orleans	2,131	79	67	12	5.2	7.6	7.3	6.5	4.6
PUBLIC TWO YEAR INSTITUTIONS									
LSU at Eunice	1,655	89	89	0	9.8	6.4	14.3	10.2	11.1
Southern University at Shreveport	2,170	212	187	25	6.2	6.9	7.4	6.9	5.6
Baton Rouge Community College	5,146	472	384	88	22.4	25.3	19.9	28.3	20.5
Bossier Parish Community College	4,518	556	417	139	15.4	16.2	20.0	14.8	18.0
Delgado Community College	10,155	767	584	183	15.3	15.9	11.5	9.2	10.6
Nunez Community College	1,475	0	0	0	0.0	0.0	0.0	21.7	0.0
River Parishes Community College	1,200	75	61	14	10.6	5.8	17.2	24.2	19.5
South Louisiana Community College	2,775	544	463	81	34.0	23.8	18.0	15.4	15.5
Acadian	125	123	123	0	7.2	15.7	17.0	19.8	22.5
Charles B. Coreil	146	40	40	0	10.0	7.5	7.5	6.1	25.2
Evangeline	100	74	74	0	8.2	7.2	9.3	0.0	26.9

Gulf Area	167	86	86	0	3.0	8.8	14.1	11.7	12.4
Lafayette	244	332	325	7	6.0	11.6	15.5	15.5	20.1
T. H. Harris	332	224	204	20	6.2	8.3	8.9	14.8	10.8
Teche Area	0	87	87	0	2.9	7.5	13.7	0.0	19.2
Louisiana Delta Community College	1,393	102	79	23	8.5	8.5	10.2	13.1	9.5
Bastrop	121	30	30	0	5.0	12.3	12.0	24.2	19.5
Delta Ouachita	431	1,054	910	145	29.2	0.0	15.2	19.7	21.1
North Central	9	0	0	0	0.0	0.0	0.0	8.0	19.7
Northeast	132	184	184	0	36.7	31.5	7.3	15.8	19.5
Ruston	115	216	213	3	30.8	0.0	19.2	22.2	16.7
Tallulah	153	229	227	3	45.8	36.2	11.2	11.1	
L. E. Fletcher Tech Community College	1,298	245	242	3	11.1	22.3	30.2	8.6	14.5
Sowela Technical Community College	2,322	2,066	1,923	143	24.3	22.5	22.0	22.2	21.4
Capital Area Technical College									
Baton Rouge	553	303	277	26	12.6	14.7	21.9	15.6	13.1
Folkes	431	90	90	0	15.0	43.0	34.1	13.1	3.5
Jumonville	25	83	83	0	27.6	3.0	3.0	24.6	13.8
Westside	44	49	49	0	12.2	0.0	0.0	0.0	0.0
South Central LA Technical College									
Lafourche	158	235	229	6	23.4	13.2	18.6	13.4	20.0
River Parishes	851	235	199	36	16.7	29.3	27.3	30.7	30.3
Young Memorial	205	139	139	0	34.6	30.0	23.9	23.9	26.1
Central LA Technical College									
Alexandria	563	171	171	0	7.4	6.6	14.4	13.7	16.8
Avoyelles	263	125	125	0	15.6	19.8	32.5	30.3	28.7
Huey P. Long	192	246	246	0	35.1	18.5	44.1	27.3	16.0
Lamar Salter	148	218	209	9	19.8	15.5	40.5	28.2	33.7
Oakdale	170	105	105	0	14.9	21.2	21.5	20.4	23.7
Shelby Jackson	94	0	0	0	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College									
Mansfield	182	220	182	38	44.0	60.1	34.2	7.8	19.4
Natchitoches	293	358	334	25	32.5	36.0	0.0	0.0	0.0
Northwest	408	525	487	38	26.2	30.9	19.9	19.7	17.5
Sabine Valley	196	0	0	0	0.0	0.0	0.0	0.0	0.0
Shreveport Bossier	467	259	226	33	13.6	12.7	19.5	14.2	22.9
Northshore Technical Community College									
Florida Parishes	339	0	0	0	0.0	0.0	9.0	26.1	26.5
Hammond	367	262	247	15	29.0	29.7	27.9	30.8	37.5
Sullivan	941	126	126	0	15.7	12.6	19.5	21.3	22.3

*DOES NOT INCLUDE SATURDAY CLASSES

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IN LABORATORIES (TABLE 4) 2015**

