

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

LTC - Acadian	209	354	354	0	20.7	20.6	30.3	16.3	33.0
LTC - Alexandria	359	244	241	3	10.1	11.4	19.9	0.0	3.2
LTC - Ascension	283	63	59	4	21.0	20.1	9.2	23.8	26.5
LTC - Avoyelles	403	133	133	0	22.1	20.1	32.2	11.5	10.5
LTC - Bastrop	259	178	178	0	16.1	20.4	10.6	20.0	20.0
LTC - Baton Rouge	1,096	261	243	18	11.3	10.3	10.6	11.5	10.6
LTC - Charles B. Coreil	240	190	190	0	47.5	0.0	114.8	0.0	0.0
LTC - Delta Ouachita	621	206	206	0	34.3	56.6	50.2	42.8	68.7
LTC - Evangeline	294	372	372	0	41.3	10.9	85.0	0.0	28.7
LTC - Florida Parishes	426	214	208	6	19.4	21.7	24.8	27.5	17.4
LTC - Folkes	775	25	25	0	6.2	0.0	0.0	0.0	13.1
LTC - Gulf Area	398	488	488	0	15.7	9.3	8.3	6.1	11.5
LTC - Hammond	377	600	550	50	42.8	25.1	23.0	28.0	16.4
LTC - Huey P. Long	226	248	245	3	17.6	20.3	18.0	0.0	20.9
LTC - Jefferson	592	235	183	52	21.3	4.6	31.9	7.6	
LTC - Jumonville	189	0	0	0	0.0	7.3	10.6	17.5	19.5
LTC - Lafayette	929	774	753	21	14.0	12.1	27.2	18.9	27.4
LTC - Lafourche	310	280	274	6	23.3	16.0	33.5	19.1	20.7
LTC - Lamar Salter	296	221	221	0	15.7	38.4	41.1	36.7	37.0
LTC - Mansfield	164	63	63	0	10.4	10.8	16.6	25.3	20.6
LTC - Morgan Smith	154	177	177	0	29.5	22.2	18.6	29.0	26.4
LTC - Natchitoches	264	13	13	0	12.5	0.0	0.0	0.0	18.7
LTC - North Central	116	129	129	0	16.0	11.1	23.9	22.4	25.5
LTC - Northeast	206	243	240	3	24.3	27.5	17.3	22.6	25.1
LTC - Northwest	626	181	181	0	18.1	14.9	12.2	5.0	22.1
LTC - Oakdale	478	79	79	0	13.1	8.5	9.7	11.4	10.8
LTC - River Parishes	657	337	322	15	28.0	29.2	0.0	30.8	27.2
LTC - Ruston	161	206	206	0	13.7	12.8	9.6	16.9	16.8
LTC - West Jefferson	247	83	83	0	6.8	0.0	0.0	0.0	0.0
LTC - Westside	66	0	0	0	0.0	0.0	0.0	0.0	0.0
LTC - Young Memorial	405	1,023	1,020	3	27.6	19.7	17.8	1.2	37.2
LTC - Sabine Valley	168	0	0	0	0.0	0.0	43.0	42.0	12.0
LTC - Shelby Jackson	169	118	118	0	29.3	20.6	17.6	0.0	14.7
LTC - Shreveport Bossier	905	796	712	84	33.1	33.1	24.3	30.0	26.0
LTC - Sidney Collier	**	**	**	**	**	**	**	**	**
LTC - Slidell	**	**	**	**	**	**	**	**	**
LTC - Sullivan	908	557	532	25	27.8	10.2	8.7	11.3	
LTC - T. H. Harris	508	444	444	0	12.3	13.1	11.8	14.7	18.0
LTC - Tallulah/M. Surles	365	164	150	14	23.4	15.7	0.0	25.0	20.3
LTC - Teche Area	462	669	657	12	23.0	22.1	30.9	50.8	46.0

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

AVERAGE WEEKLY ROOM USAGE IN LABORATORIES (TABLE 4) 2009

HOURS OF INSTRUCTION

