

# AVERAGE WEEKLY ROOM USAGE IN CLASSROOMS

## TABLE 3

The average room hours is a measurement to indicate the adequacy of the number of available classrooms to meet the needs of an institution's instructional programs. It is simply an indication of the number of class periods a room is used. To obtain this number the class duration (number of hours the class meets or class length) is rounded to the nearest half hour, then is multiplied by the number of days per week the class meets, thus giving the total room hours of instruction. This is then divided by the total number of rooms classified with a room type of "110" (classrooms). Room hours of instruction reflects the number of scheduled hours of instruction, regardless of class size, occurring in a room during a one week period. Three classes meeting for one hour each and one class meeting for three hours would each generate three room hours of instruction.

The definitions of "daytime" and "nighttime" should be made explicit. "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 classrooms is 30 hours per week.

$$\text{Average Room Hours} = \frac{\text{Total Room Hours of Instruction in Classrooms}}{\text{Total Number of Classrooms}}$$

Sample Data:

| DAYS OF WEEK   | TIME          | ENROLLMENT | ROOM TYPE |                     |
|----------------|---------------|------------|-----------|---------------------|
| Mon./Wed./Fri. | 08:00 - 09:00 | 33         | 110       | 3 days * 1 hour = 3 |
| Tues./Thurs.   | 08:00 - 09:30 | 40         | 110       | 2 days * 1.5 hr = 3 |
| Mon./Wed./Fri. | 09:00 - 10:00 | 46         | 110       | 3 days * 1 hour = 3 |

|                |               |    |     |                     |
|----------------|---------------|----|-----|---------------------|
| Tues./Thurs.   | 09:30 - 11:00 | 26 | 110 | 2 days * 1.5 hr = 3 |
| Mon./Wed./Fri. | 10:00 - 11:00 | 52 | 110 | 3 days * 1 hour = 3 |
| Mon./Wed./Fri. | 11:00 - 12:00 | 45 | 110 | 3 days * 1 hour = 3 |
| Tues./Thurs.   | 11:00 - 12:30 | 54 | 110 | 2 days * 1.5 hr = 3 |
| Mon./Wed./Fri. | 12:00 - 13:00 | 26 | 110 | 3 days * 1 hour = 3 |
| Mon./Wed./Fri. | 13:00 - 14:00 | 30 | 110 | 3 days * 1 hour = 3 |
| Tues./Thurs.   | 17:00 - 19:00 | 39 | 110 | 2 days * 1.5 hr = 3 |
|                |               |    |     | -----               |
|                |               |    |     | TOTAL 30            |

The last class listed in the sample data, which is on Tuesday and Thursday, starts at 17:00 which is considered nighttime, so that three would be placed under "Nighttime". The remaining twenty-seven hours would be placed under "Daytime". Thirty would be "Total Room Hours". The sample report uses 135 as the total number of rooms classified with a room type of "110" (classrooms).

$$\begin{aligned}
 \text{Total Room Hours of Instruction} &= 30 \\
 \text{-----} &\text{-----} = .22 \\
 \text{Total Number of Classrooms} &= 135
 \end{aligned}$$

The report for one institution would look like this:

|             | FTE   | Total<br>Room Hours | Daytime | Nighttime | All Hours |
|-------------|-------|---------------------|---------|-----------|-----------|
| Institution | 5,411 | 30.00               | 27.00   | 3.00      | .22       |

**TABLE 3  
AVERAGE WEEKLY ROOM USAGE  
IN CLASSROOMS**

| INSTITUTION                             | FTE    | TOTAL<br>ROOM<br>HOURS | DAYTIME | NIGHTTIME | ALL HOURS |      |      |      |      |
|---|--------|------------------------|---------|-----------|-----------|------|------|------|------|
|   |        |                        |         |           | 2011      | 2010 | 2009 | 2008 | 2007 |
| <b>PUBLIC FOUR YEAR INSTITUTIONS</b>    |        |                        |         |           |           |      |      |      |      |
| Grambling State University              | 4,573  | 1,391                  | 1,214   | 177       | 9.1       | 9.6  | 10.2 | 11.1 | 10.8 |
| Louisiana Tech University               | 9,441  | 2,395                  | 2,189   | 207       | 17.1      | 18.5 | 18.3 | 19.9 | 20.1 |
| McNeese State University                | 7,536  | 2,600                  | 2,286   | 314       | 27.0      | 26.8 | 25.2 | 24.2 | 24.4 |
| Nicholls State University               | 5,800  | 1,534                  | 1,361   | 174       | 10.4      | 11.6 | 13.2 | 14.1 | 14.2 |
| University of Louisiana in Monroe       | 6,787  | 1,928                  | 1,760   | 168       | 14.7      | 13.4 | 14.8 | 15.7 | 15.1 |
| Northwestern State University           | 6,993  | 1,856                  | 1,604   | 252       | 8.4       | 9.8  | 10.6 | 13.4 | 14.5 |
| Southeastern Louisiana University       | 12,403 | 3,863                  | 3,458   | 405       | 18.2      | 18.2 | 18.4 | 19.5 | 20.1 |
| University of Louisiana in Lafayette    | 14,648 | 4,860                  | 4,300   | 561       | 20.7      | 20.6 | 20.1 | 20.7 | 21.7 |
| LSU at Alexandria                       | 1,740  | 704                    | 617     | 87        | 12.7      | 16.0 | 14.9 | 14.9 | 16.8 |
| LSU A&M (Including Ag. & Law)           | 27,820 | 7,410                  | 7,026   | 385       | 17.8      | 18.1 | 18.2 | 19.8 | 20.6 |
| LSU in Shreveport                       | 3,045  | 1,223                  | 872     | 351       | 14.3      | 6.9  | 8.5  | 8.4  | 9.2  |
| University of New Orleans               | 8,344  | 2,678                  | 2,150   | 528       | 12.3      | 12.0 | 13.1 | 13.7 | 13.4 |
| Southern University A&M                 | 6,788  | 2,644                  | 2,101   | 543       | 9.7       | 9.9  | 11.2 | 12.8 | 11.4 |
| Southern University at New Orleans      | 2,403  | 861                    | 575.0   | 287.0     | 15.3      | 18.4 | **   | **   | **   |
| <b>PUBLIC TWO YEAR INSTITUTIONS</b>     |        |                        |         |           |           |      |      |      |      |
| LSU at Eunice                           | 1,917  | 573                    | 558     | 15        | 17.3      | 17.9 | 18.3 | 18.3 | 18.6 |
| Southern University at Shreveport       | 2,035  | 707                    | 584     | 123       | 15.3      | 13.6 | 6.4  | 7.0  | 6.9  |
| Baton Rouge Community College           | 5,429  | 1,946                  | 1,492   | 455       | 12.9      | 28.8 | 31.3 | 29.4 | 31.7 |
| Bossier Parish Community College        | 4,945  | 1,647                  | 1,228   | 420       | 27.0      | 24.9 | 23.2 | 24.0 | 21.8 |
| Delgado Community College               | 13,291 | 4,788                  | 3,633   | 1,156     | 24.0      | 19.7 | 25.1 | 22.8 | 21.2 |
| Nunez Community College                 | 1,339  | 627                    | 418     | 209       | 19.5      | 17.1 | 16.5 | 17.2 | 25.4 |
| River Parishes Community College        | 1,505  | 615                    | 496     | 119       | 17.5      | 19.6 | 32.7 | 19.1 | 36.1 |
| South Louisiana Community College       | 2,402  | 1,015                  | 814     | 201       | 32.7      | 24.1 | 22.5 | 17.8 | 23.2 |
| Louisiana Delta Community College       | 1,948  | 909                    | 794     | 115       | 16.5      | 19.8 | 36.2 |      |      |
| L.T.C. Fletcher                         | 1,543  | 1,101                  | 1,027   | 74        | 27.5      | 15.2 | 22.8 | 24.2 | 19.3 |
| L.T.C. Sowela                           | 2,078  | 700                    | 614     | 86        | 15.9      | 5.5  | 21.0 | 21.3 | 17.7 |
| LTC Campuses                            |        |                        |         |           |           |      |      |      |      |
| Region 2-Capital Area Technical College |        |                        |         |           |           |      |      |      |      |
| LTC - Baton Rouge                       | 1,174  | 278                    | 271     | 7         | 7.3       | 8.1  | 6.4  | 10.3 | 6.1  |
| LTC - Folkes                            | 657    | 194                    | 183     | 11        | 24.1      | 14.1 | 9.3  | 23.0 | 15.6 |

|  |     |       |     |    |      |      |      |      |      |  |
|--|-----|-------|-----|----|------|------|------|------|------|--|
| LTC - Jumonville                         | 196 | 161   | 158 | 3  | 20.0 | 17.3 | 31.0 | 24.0 | 11.8 |  |
| LTC - Westside                           | 134 | 127   | 127 | 0  | 18.1 | 20.8 | 11.8 | 13.2 | 10.0 |  |
| Region 3-S. Central LA Technical College |     |       |     |    |      |      |      |      |      |  |
| LTC - Lafourche                          | 243 | 183   | 183 | 0  | 12.1 | 30.3 | 24.4 | 23.4 | 12.6 |  |
| LTC - River Parishes                     | 952 | 304   | 260 | 44 | 20.2 | 13.0 | 26.0 | 8.3  | 0.0  |  |
| LTC - Young Memorial                     | 354 | 108   | 108 | 0  | 21.5 | 9.3  | 24.7 | 1.7  | 7.4  |  |
| Region 4-Acadiana Technical College      |     |       |     |    |      |      |      |      |      |  |
| LTC - Acadian                            | 189 | 84    | 84  | 0  | 28.0 | 13.3 | 25.0 | 13.3 | 12.0 |  |
| LTC - Charles B. Coreil                  | 183 | 310   | 310 | 0  | 30.9 | 29.4 | 26.5 | 10.1 | 75.5 |  |
| LTC - Evangeline                         | 208 | 0     | 0   | 0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |  |
| LTC - Gulf Area                          | 329 | 61    | 61  | 0  | 15.2 | 15.2 | 32.7 | 37.4 | 20.2 |  |
| LTC - Lafayette                          | 810 | 348   | 337 | 11 | 15.8 | 12.1 | 11.8 | 4.7  | 3.9  |  |
| LTC - T. H. Harris                       | 525 | 285   | 285 | 0  | 10.9 | 9.2  | 10.7 | 8.1  | 5.8  |  |
| LTC - Teche Area                         | 328 | 3     | 3   | 0  | 1.0  | 4.0  | 8.3  | 18.3 | 5.0  |  |
| Region 6-Central LA Technical College    |     |       |     |    |      |      |      |      |      |  |
| LTC - Alexandria                         | 402 | 258   | 242 | 16 | 11.2 | 7.3  | 11.6 | 13.6 | 10.4 |  |
| LTC - Avoyelles                          | 392 | 103   | 103 | 0  | 17.0 | 17.0 | 15.5 | 5.6  | 8.2  |  |
| LTC - Huey P. Long                       | 198 | 43    | 43  | 0  | 21.2 | 18.0 | 19.7 | 12.0 | 22.5 |  |
| LTC - Lamar Salter                       | 211 | 171   | 171 | 0  | 15.5 | 24.4 | 0.0  | 85.8 | 38.0 |  |
| LTC - Oakdale                            | 247 | 73    | 73  | 0  | 10.3 | 9.0  | 16.1 | 17.2 | 9.8  |  |
| LTC - Shelby Jackson                     | 151 | 270   | 270 | 0  | 24.5 | 31.4 | 25.1 | 21.7 | 23.6 |  |
| Region 7-Northwest LA Technical College  |     |       |     |    |      |      |      |      |      |  |
| LTC - Mansfield                          | 173 | 170   | 170 | 0  | 24.2 | 22.7 | 24.9 | 21.4 | 22.5 |  |
| LTC - Natchitoches                       | 287 | 139   | 139 | 0  | 12.5 | 21.7 | 9.0  | 11.1 | 12.9 |  |
| LTC - Northwest                          | 492 | 565   | 559 | 6  | 20.9 | 20.4 | 22.5 | 12.5 | 7.5  |  |
| LTC - Sabine Valley                      | 142 | 37    | 37  | 0  | 12.3 | 9.8  | 22.3 | 18.1 | 20.3 |  |
| LTC - Shreveport Bossier                 | 688 | 1,006 | 971 | 36 | 24.5 | 26.2 | 24.6 | 14.0 | 10.7 |  |
| Region 8-Northeast LA Technical College  |     |       |     |    |      |      |      |      |      |  |
| LTC - Bastrop                            | 153 | 87    | 87  | 0  | 12.4 | 5.7  | 14.5 | 28.2 | 14.6 |  |
| LTC - Delta Ouachita                     | 508 | 273   | 210 | 63 | 14.3 | 21.8 | 10.9 | 12.7 | 12.2 |  |
| LTC - North Central                      | 43  | 4     | 4   | 0  | 1.0  | 24.5 | 24.5 | 19.7 | 25.0 |  |
| LTC - Northeast                          | 165 | 143   | 137 | 6  | 23.8 | 14.0 | 18.3 | 9.6  | 17.0 |  |
| LTC - Ruston                             | 159 | 53    | 53  | 0  | 8.7  | 13.0 | 13.0 | 9.3  | 11.5 |  |
| Region 9-Northshore Technical College    |     |       |     |    |      |      |      |      |      |  |
| LTC - Florida Parishes                   | 429 | 225   | 209 | 16 | 32.0 | 13.5 | 36.8 | 16.6 | 23.1 |  |
| LTC - Hammond                            | 500 | 105   | 105 | 0  | 26.1 | 18.0 | 17.8 | 17.6 | 13.6 |  |
| LTC - Sullivan                           | 849 | 367   | 355 | 12 | 21.5 | 23.3 | 19.8 | 14.0 | 13.4 |  |

\*DOES NOT INCLUDE SATURDAY CLASSES

## AVERAGE WEEKLY ROOM USAGE IN CLASSROOMS (TABLE 3) 2011

HOURS OF INSTRUCTION

