Interpretation of Student Grade Report

WHY IS THE COLLEGE USING QUINTILES AND WHAT WILL THEY BE USED FOR?

Beginning in January 2016 on the “MSUCOM Student Grade Report” the designation “Overall Rank” in preclerkship courses will be listed in Quintiles and not as an individual percentile rank within the class. Based on your overall academic performance you will be listed in the first (lowest), second, third, fourth or fifth (highest) quintile. This change reflects current standards being used by most medical schools (DO and MD) in reporting overall student academic standing in a class to residency programs in the MSPE (i.e. Deans’ Letter). If the program you are applying for requests a more specific rank, i.e. your overall individual rank out of 300 students, that can be calculated for you on an as need basis.

THE CALCULATION OF QUINTILES: FOR A STUDENT IS BASED ON THREE MAJOR COMPONENTS:
1. Total points a student achieves for a course. Points column in table below.
2. Total possible points for a course. Possible column in table below.
3. Credits for a course. Credit column in table below.

THE CALCULATION OF QUINTILES CAN BE BROKEN DOWN INTO 3 STEPS:
1. Calculation of course score. Score column in table below.
   \( \frac{(\text{Points}/\text{Possible}) \times 100} {\text{Credit}} \)
2. Calculation of Cumulative Score.
   \( \frac{\text{Sum (Score)}}{\text{sum (Credit)}} \)
3. The Cumulative Score is used to compute the quintiles. Steps to compute Quintiles are:
   1. Sort the Cumulative Score in ascending order.
   2. Divide into five equal groups based on the sorted order.
   3. Assign quintile group. The 1st quintile will contain the lowest 20% of scores and the 5th quintile will contain the highest 20% of scores.
   4. The table below shows example scores for a student with the Score column values computed based on formula above.

<table>
<thead>
<tr>
<th>Course</th>
<th>Points Possible</th>
<th>Credit</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTR 551 US07 817 850</td>
<td>850</td>
<td>6</td>
<td>576.71</td>
</tr>
<tr>
<td>OST 511 US08 368 400</td>
<td>400</td>
<td>7</td>
<td>644.00</td>
</tr>
<tr>
<td>OST 521 SS09 91 150</td>
<td>150</td>
<td>2</td>
<td>121.33</td>
</tr>
<tr>
<td>OST 532 US09 47 75</td>
<td>75</td>
<td>1</td>
<td>62.67</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1404.71</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

The Cumulative Score for this student would be: 1404.71/16 = 87.79

CLASS OF 2018 – AND BEYOND – QUINTILES WILL BE POSTED UPON SUCCESSFUL COMPLETION OF PRE-CLERKSHIP CURRICULUM