

Assessment: Course Four Column



Courses (MATH) - Statistics

STAT 152- DU: Intro to Statistics

Course Outcomes	Assessment Measures	Results	Actions																		
<p>Normal distribution - Address the meaning of normal distribution Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 10/23/2017</p>	<p>Quiz - Quiz six Criterion: 75% students above 60%</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes Average:82.96% Median:85.29% STD: 0.196 95.7 students are above 60% 92% completed the assessment, 4 students not (10/23/2017)</p>	<p>Action: The online program has been made available to students on the Instructor's website. https://cot.gbcnv.edu/~dux/interaction/normal_distribution.html It has improved student scores a lot. Good work needs to be kept. (10/23/2017)</p>																		
<p>One population mean z-test, t-test and the confidence interval estimation - Carry on the one population mean z-test, t-test and the confidence interval estimation Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 10/23/2017</p>	<p>Quiz - Quiz nine Criterion: 75% students above 60%</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes Average: 73.15% Median: 72.75% STD:0.158 83.7% students above 60% All students completed the assessment. (10/23/2017)</p>	<p>Action: Interpret the nature of the hypothesis is not easy for students. Besides the mathematical calculation, the professional explanation of the English sentence needs to be emphasized here. (10/23/2017)</p> <p>Follow-Up: Grade Frequency</p> <table> <tr><td>A</td><td>10</td></tr> <tr><td>A-</td><td>3</td></tr> <tr><td>B+</td><td>5</td></tr> <tr><td>B</td><td>2</td></tr> <tr><td>B-</td><td>6</td></tr> <tr><td>C+</td><td>9</td></tr> <tr><td>C</td><td>2</td></tr> <tr><td>C-</td><td>1</td></tr> <tr><td>D+</td><td>1</td></tr> </table>	A	10	A-	3	B+	5	B	2	B-	6	C+	9	C	2	C-	1	D+	1
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F	7
W	11
Total	57

The rate of withdrawing is 19.3%. Rate of students with grades is 81.7%. Among students with grades, the rate of students with C- or above is 82.7%. There are 28% students in A and A- range in contract to the rate 31.65% of F and W. It appears that students are quite divided in the class on two ends. If a class is too hard or too easy, the rates on the two ends may not be that significant. If the difficult level of a class is appropriate, it may differentiate students. If the correct prerequisite is set, less students with F and W may not get into the class. Students with F and W may not waste their time in the class. From fall 2019 to 2020, the prerequisite will be set in a reasonable way. The situation may get better. In the student's comments, some students wished to have more exercises. Some students felt the class materials were already overwhelming. I shall explore the balance point for the bigger classes (10/23/2017)