

Assessment: Course Four Column



Courses (MATH) - Math

MATH 120: Fund of College Math

Course Outcomes	Assessment Measures	Results	Actions																				
<p>Calculate and understand financial situations - Calculate and understand financial situations involving money which include interest, annuities, and loan amortization.</p> <p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 10/23/2017</p>	<p>Assignment - Written - Assignment 12 Criterion: 75% students above 60%</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes Mean: 67.87% Median: 67.74% STD: 30.36% 77.8% students are above 60% 90% completed the assessment, 2 students not The mean approximately equals the median. The distribution looks quite normal. (10/23/2017)</p>	<p>Action: Since the distribution is normal and STD is bigger, it may be a good index to identify student's comprehension. This index should be kept in future to measure the student's learning comprehension. The criterion for achievement is barely met. The more details in teaching this part may need to be added. (10/23/2017)</p>																				
<p>Perform calculations involving the basic rules of probability - Perform calculations involving the basic rules of probability which includes odds, combinatorics, and expected value.</p> <p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 10/23/2017</p>	<p>Assignment - Written - Assignment 7 Criterion: 75% students above 60%</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes Mean: 78.19% Median: 84.21%, STD:18.25% 80.95% students are above 60% 95% completed the assessment, 1 student not The median is greater than the mean. The distribution is negatively skewed. (10/23/2017)</p>	<p>Action: More students tend to get higher scores. It appears that this part is well taught. Good work needs to be kept. (10/23/2017)</p> <p>Follow-Up: Grade Distribution</p> <table border="1"> <thead> <tr> <th>Grade</th> <th>Frequency</th> </tr> </thead> <tbody> <tr><td>A</td><td>6</td></tr> <tr><td>A-</td><td>1</td></tr> <tr><td>B+</td><td>5</td></tr> <tr><td>B</td><td>2</td></tr> <tr><td>B-</td><td>2</td></tr> <tr><td>C</td><td>3</td></tr> <tr><td>F</td><td>5</td></tr> <tr><td>W</td><td>6</td></tr> <tr><td>Total</td><td>30</td></tr> </tbody> </table>	Grade	Frequency	A	6	A-	1	B+	5	B	2	B-	2	C	3	F	5	W	6	Total	30
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Out of 30 students, 11 students had F and W. 19 students has passed the class. The rate is 63.3%. Comparing to the record of fall 2016 in math 120 class, the rate 76.8%(=43/56) is significantly higher than 63.3%. In spring 2017, the Alex placement test was introduced. Probably that's the impact since the contents and ways to teach are consistent between the two semesters. Before the Alex was introduced, we had a pilot prerequisite Math 095 with C and English 101 for Math 120. The statistics has shown students did very well with the prerequisite. I think the composite prerequisite should be kept. (10/23/2017)