

#4. Executive Summary: Undergraduate Program Assessment: Alternative Delivery

Course: Math 151, Pre-Calculus Mathematics Alternative Format: Other Explain "Other" if selected: Dual Credit Department: Math Date: Fall 2020 - Spring 2021
Members (must include more than course instructor only) involved with analysis of artifacts: Brian Albright, Ed Reinke
See #3 Assessment Plan: Alternative Delivery: Student Outcomes for: <i>a) Course requirement evaluation; b) Student Outcome; c) Question(s); e) Methodology</i>
Analysis of artifacts: 1). Student Outcome: PERFORMANCE CRITERIA * - <i>How was data analyzed? (attach rubrics/scoring tools if used)</i> . Since Math 151 is not offered at CUNE in a face-to-face or online format and only one school offered it as a dual-credit class, we simply had that teacher submit her final exams. We reviewed the exams to determine if all necessary learning outcomes were covered and students demonstrated they understood the topics. 2). COMPARABILITY – <i>How did you determine if the outcomes of the traditional and alternative deliver modes were comparable? (note "na" if delivery modes were not compared)</i> . N/A
Summary of RESULTS*: 1). <i>Restate the assessment question(s) (from the Assessment plan):</i> Were all necessary learning outcomes covered on the final exam and did students demonstrate they understood the topics? 2). <i>Summarize the assessment results. A narrative summary is required. Charts, tables or graphs are encouraged but optional.</i> The final exam scores were rather low (an average of about 55%). The instructor admitted this is mostly due to the fact that she made the exam too long for the 70-minute testing period. She will adjust the exam length next year. The exam did thoroughly cover all necessary outcomes. 3). INTERPRETATION * - <i>Discuss how the results answer the assessment question(s)</i> . N/A 4). <i>Observations made that were not directly related to the question(s). (i.e. interrater reliability of the scoring tool was low)</i> N/A 5). How did the outcomes of the traditional and alternative format analysis compare? (note "na" if delivery modes were not compared). N/A
Sharing of Results: <i>When were results shared? Date:</i> 6/11/2021 <i>How were the results shared? (i.e. met as a department)</i> Met as a team <i>Who were results shared with? (List names):</i> Brian Albright, Ed Reinke
Discussion of Results –Summarize your conclusions including: 1. ACTION *- <i>How will what was learned from the assessment impact the alternative format teaching of this course starting the next academic year?</i> N/A 2. IMPACT *- <i>What is the anticipated impact of the ACTION* on student achievement of the learning outcome in the next academic year?</i> N/A 3. BUDGET IMPLICATIONS – <i>Indicate budget requirements necessary for the successful implementation of the ACTION*</i> (i.e. an additional staff person, new equipment, additional sections of a course). None
Submitted via email to Assessment Committee Chair by: Albright Reviewed by the Assessment Committee (date): 7/9/2021
Submitter notified/additional action needed: Approved BUDGET IMPLICATIONS – Assessment Committee Chair notified appropriate Dean: na