

#### #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 2022 - Spring 2023

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: a) Course requirement evaluation; b) Student Outcome; c) Question(s); e) Methodology

#### Analysis of artifacts:

- 1). Student Outcome: **PERFORMANCE CRITERIA**\* - How was data analyzed? (attach rubrics/scoring tools if used). Since Math 151 is not offered at CUNE in a face-to-face or online format, we simply had the teachers submit their final exams. We reviewed the exams to determine if all necessary learning outcomes were covered and students demonstrated they understood the topics.
- 2). **COMPARABILITY** – How did you determine if the outcomes of the traditional and alternative deliver modes were comparable? (note "na" if delivery modes were not compared). N/A

#### Summary of **RESULTS**\*:

- 1). Restate the assessment question(s) (from the Assessment plan): Were all necessary learning outcomes covered on the final exam and did students demonstrate they understood the topics?
- 2). Summarize the assessment results. A narrative summary is required. Charts, tables or graphs are encouraged but optional. The students overall did well on the final exams. An overall average of the final exam scores is not calculable because of the different formats of the exams. The exams did thoroughly cover all necessary outcomes.
- 3). **INTERPRETATION**\* - Discuss how the results answer the assessment question(s). N/A
- 4). Observations made that were not directly related to the question(s). (i.e. interrater reliability of the scoring tool was low) 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:

When were results shared? Date: 6/13/2023

How were the results shared? (i.e. met as a department) Met as a team

Who were results shared with? (List names): Brian Albright, Ed Reinke

#### Discussion of Results –Summarize your conclusions including:

1. **ACTION**\*- How will what was learned from the assessment impact the alternative format teaching of this course starting the next academic year? N/A
2. **IMPACT**\*- What is the anticipated impact of the **ACTION**\* on student achievement of the learning outcome in the next academic year? N/A
3. **BUDGET IMPLICATIONS** – Indicate budget requirements necessary for the successful implementation of the **ACTION**\* (i.e. an additional staff person, new equipment, additional sections of a course). None

Submitted via email to Assessment Committee Chair by: Brian Albright

Reviewed by the Assessment Committee (date): 6/15/23

Submitter notified/additional action needed: BUDGET IMPLICATIONS – Assessment Committee Chair notified appropriate Dean: na Approved & Posted to Assessment site: Approved 6/15/23