2024 – 25 Departmental Assessment Plan

Department/Program/Unit: Mathematics and Computer Science   **Date: 10/4/2024**

Members involved with development of Plan: Department Members

Departmental/Program/Unit Student Outcome: *What student outcome from the departmental matrix will be assessed? (It is suggested that you cut and paste directly from the matrix. Outcomes should represent the absolute priorities for learning- students must be able to do [this] when they finish our program).*
State as follows: Students should be able to [action verb] [something].
One of our department's goals is

Preparation: to excel in knowledge, analysis, research, and communication such that the student is able to advance to graduate or professional school programs, or secure a position in education or as a practitioner in an applied or theoretical field appropriate to the student's vocational goals.

The goal of our assessment is to determine if Math/CS graduates are doing the vocation they studied for at CUNE after they graduate.

Background: *What factors caused you to choose this particular assessment outcome? If you chose this outcome because of a perceived problem, please explain.*
As a department, we have not assessed our graduates' job placement in recent years. This is something we should be doing on a more regular basis

Question: *What specific question(s) are you attempting to answer through assessing this student outcome? (What are you trying to find out? There may be more than one question, but no more than three.)*
Are Math/CS graduates going into vocations related to their studies/goals at CUNE?

Methodology:
1. *OBJECT* - What data (i.e. artifact, exam score, detailed description of assignment) will be collected?* Surveys sent to graduates in the past 10 years asking for their vocation 6 months after graduation, how closely this vocation is related to their studies/goals at CUNE, and for feedback on anything the department could be doing to better prepare them for life after graduation. (We might be able to get some of these data from the alumni office.)
    a. *How does this data address the assessment question?* The survey will directly assess our goal.
        i. *Include/attach a description/example of assessment tool to be used*.
2. *How will data be collected?* Surveys will be sent to graduates via email, or data will be obtained from the alumni office.

Analysis of Artifacts: *PERFORMANCE CRITERIA* - Discuss:*
 1) *How the artifacts will be analyzed (attach rubrics/scoring tools if used):* The department will analyze the results together.
 2) *How you will know if it is good (i.e. score required by % of students):* At least 80% of graduates will be in a vocation directly related to their studies/goals at CUNE 6 months after graduation.

Submitted by: Brian Albright   Date: 10/4/2024 Assessment Committee Reviewed (Date): 10/23/24

Department Chair notified of approval/or additional action needed: Approved