

## 2024 – 25 Departmental Executive Summary

<b>Department:</b> Math/Computer Science	<b>Date:</b> 5/23/2025														
<b>Members involved with analysis of artifacts:</b> Brian Albright, Tim Schroeder, Ed Reinke, Marcus Gubanyi, Kent Einspahr															
<b>See #1 Undergraduate Program Assessment Plan: Student Outcomes for:</b> a) <i>Student Outcome</i> ; b) <i>Background</i> ; c) <i>Question(s)</i> ; d) <i>Methodology</i>															
<b>Analysis of artifacts:</b> 1). <b>PERFORMANCE CRITERIA*</b> - <i>How was data analyzed? (attach rubrics/scoring tools if used).</i> Email surveys were sent to alumni asking about their careers since they graduated and graduates in May 2025 were asked about their plans for after graduation. Their answers were tabulated and analyzed by the department.															
<b>Summary of RESULTS*:</b> 1). <i>Restate the assessment question(s) (from the Assessment plan):</i> 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 2). <i>Summarize the assessment results. (A narrative summary is required. Charts, tables or graphs are encouraged but optional.)</i> We got data on 125 graduates since 1982 and categorized their career shortly after graduation into one of six different fields as shown in the table below. Out of these 125 graduates, 110, or 88%, went into a field related to what they studied at CUNE. <table><thead><tr><th>Field</th><th>Count</th></tr></thead><tbody><tr><td>Computer Science</td><td>44</td></tr><tr><td>Education</td><td>34</td></tr><tr><td>Graduate School</td><td>13</td></tr><tr><td>Mathematics</td><td>11</td></tr><tr><td>Seminary</td><td>8</td></tr><tr><td>Other</td><td>15</td></tr></tbody></table> 3). <b>INTERPRETATION*</b> - <i>Discuss how the results answer the assessment question(s).</i> Our goal is that at least 80% of graduates will be in a vocation directly related to their studies/goals at CUNE 6 months after graduation. Our data indicate that our goal is being met. 4). <i>Observations made that were not directly related to the question(s).</i> We have several students who went on to the pastoral ministry.		Field	Count	Computer Science	44	Education	34	Graduate School	13	Mathematics	11	Seminary	8	Other	15
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<b>Sharing of Results:</b> <i>When were results shared?</i> Date: 5/23/2025 <i>How were the results shared? (i.e. met as a department)</i> via email <i>Who were results shared with? (List names):</i> Brian Albright, Tim Schroeder, Ed Reinke, Marcus Gubanyi, Kent Einspahr															
<b>Discussion of Results –Summarize your conclusions including:</b> 1. <b>ACTION*</b> - <i>How will what the department learned from the assessment impact:</i> a. <i>Teaching:</i> Our graduates are mostly doing what we are teaching them to do, so no major changes b. <i>Assignment/course:</i> none c. <i>Program:</i> none d. <i>Assessment:</i> none 2. <b>IMPACT*</b> - <i>What is the anticipated impact of the ACTION* on student achievement of the learning outcome in the next academic year?</i> Graduates will continue to start their careers in the fields that we teach 3. <b>BUDGET IMPLICATIONS</b> – <i>Indicate budget requirements necessary for the successful implementation of the ACTION*</i> None															
<b>If action is taken – it is recommended that the same learning outcome and assessment plan be used for a</b>															

***second assessment cycle.***

***What assessment questions related to the learning outcome would the program like to investigate in the future?*** “What a additional concepts/topics do you wish you would have learned in your program at Concordia” or similarly, “What career-related concepts/topics have you had to learn during your career that you did not learn at Concordia?”

**Submitted by:** Brian Albright

**Reviewed by the Assessment Committee (date):** 6/16/25

**Department Chair notified approved/additional action needed:** na

**BUDGET IMPLICATIONS – Assessment Committee Chair notified appropriate Dean:** na