

2024 - 2025 General Education Executive Summary

Department: Math/Computer Science Date: 5/22/2025
Members involved with analysis of artifacts: Brian Albright, Tim Schroeder, Ed Reinke
See General Education Assessment Plan for: a) Learning Outcome; b) Background; c) Question(s); d) Methodology
Analysis of artifacts: 1). PERFORMANCE CRITERIA * - How was data analyzed? (attach rubrics/scoring tools if used). Written responses to questions about the integration of faith and mathematics were analyzed.
Summary of RESULTS*: 1). <i>Restate the assessment question(s) (from the Assessment plan):</i> Do our general education math classes affect students' attitudes toward the integration of faith and mathematics? 2). <i>Summarize the assessment results. A narrative summary is required. Charts, tables or graphs are encouraged but optional.</i> Summary give on the attached pages. 3). INTERPRETATION * - Discuss how the results answer the assessment question(s). Overall, students demonstrate of maturity in their understanding of the integration of faith and mathematics. 4). <i>Observations made that were not directly related to the question(s). (i.e. interrater reliability of the scoring tool was low)</i> None
Sharing of Results: <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
Discussion of Results –Summarize your conclusions including: 1. ACTION *- <i>How will what the department learned from the assessment impact:</i> a. <i>Teaching:</i> The results indicate that students grow in their understanding of the integration of faith and mathematics through our normal instruction, so no changes are needed. b. <i>Assignment/course:</i> Math 122, 132, and 184 c. <i>Program:</i> Mathematics d. <i>Assessment:</i> No secific assessments need to be changed. 2. IMPACT *- <i>What is the anticipated impact of the ACTION* on student achievement of the learning outcome in the next academic year?</i> The learning outcome is being met, so no change is needed. 3. BUDGET IMPLICATIONS – <i>Indicate budget requirements necessary for the successful implementation of the ACTION* (i.e. an additional staff person, new equipment, additional sections of a course).</i> None
<i>If action is taken – it is recommended that the same learning outcome and assessment plan be used for a second assessment cycle.</i>
<i>What assessment questions related to the learning outcome would the program like to investigate in the future?</i> The assessment questions will be modified to facilitate a more quantative analysis of the results.
Submitted by: Brian Albright Assessment Committee Reviewed: 6/16/25
Department Chair notified – approval/additional action needed: 6/16/25
BUDGET IMPLICATIONS – Assessment Committee Chair notified appropriate Dean: na