GMT SLOs

General Education Category Title:
Mathematics (GMT)

Category Description:
Students gain the skills to perform computations on data, to use mathematical principles to solve problems, and to reason with and manipulate concepts within a mathematical system.

Current Student Learning Outcomes, for period 2015-2019:
Note: Include the following SLOs verbatim on the course syllabus distributed to students. Please group SLOs under the heading “General Education Mathematics Student Learning Outcomes.”

REQUIRED MATERIAL:

General Education Mathematics Student Learning Outcomes:
1. Reason in mathematical systems beyond data manipulation.
2. Formulate and use mathematical models to solve real-world problems.
3. Communicate mathematical solutions clearly and effectively.

Current Links Between Learning Goals and Category SLOs:
Note: For information purposes. The links between SLOs and LGs do not need to be included on a course syllabus.

GMT SLO1 & SLO3 support Learning Goal 1
LG1. Foundational Skills: Think critically, communicate effectively, and develop appropriate fundamental skills in quantitative and information literacies. [GRD, WI, SI, GLT, GFA, GPR, GHP, GMT, GNS, GSB, GL, GN]

GMT SLO2 supports Learning Goal 2
LG2. The Physical and Natural World: Understand fundamental principles of mathematics and science, and recognize their relevance in the world. [GMT, GNS]