

Math Program Outcomes (Taskstream 1-28-2014)

B.S Math Program Outcomes

Upon successful completion of this program, students will be able to:

Outcome

B.S. Math Program Outcome 1

Demonstrate basic manipulative skills in algebra, geometry, trigonometry and beginning calculus.

B.S. Math Program Outcome 2

Apply the underlying unifying structures of mathematics (i.e., sets, relations and functions, logical structure) and the relationships among them.

B.S. Math Program Outcome 3

Demonstrate proficiency in writing proofs.

B.S. Math Program Outcome 4

Communicate mathematical ideas both orally and in writing.

B.S. Math Program Outcome 5

Investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods.

B.S. Math Program Outcome 6

Investigate and solve unfamiliar math problems.