

MATH 100 : Survey of Mathematics

Credits: 3

Class Hours: 3 lecture

Prerequisites: "C" or higher in MATH 75X or MATH 82X; or acceptable math placement.

Description: This course offers a nontechnical survey of mathematical concepts and techniques enjoying applications in the daily life of our society. Topics chosen are from the areas of arithmetic, algebra, computers, geometry, logic, probability, and statistics.

Semester Offered: Fall, Spring

Designation:

Foundations (Quantitative Reasoning) – FQ

Course Student Learning Outcomes (CSLOs):

1. Use logic to identify valid and invalid argument forms, and analyze conclusions drawn through various types of reasoning.
2. Apply the principles of problem solving to mathematical problems, including those requiring quantitative methods, and effectively communicate procedures and results.