

MATH 160: Adv Calculus for Sci & Eng

Vector calculus in several dimensions. Generalizations of the fundamental theorem of calculus. Stokes theorem divergence theorem. Inverse and implicit functions theorems.

Credits: 3

Prerequisites/Permissions:

A "C" or better in MATH 158

Program:

Mathematics

COURSE DESCRIPTIONS

Essential Learning Outcomes: ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning