## **Nebraska Wesleyan University**

Catalog 2023-2024

Course:

## **MATH 2600 Calculus III**

4 hours

Majors, Minors & Degrees:

Maiors

Mathematics (B.A., B.S.)

## Departments/Programs:

Mathematics and Computer Science

An introduction to multivariable calculus. Topics include vector-valued functions, functions of several variables, partial derivatives, multiple integrals, and analysis. Assignments are given that help build proficiency in the use of a computer algebra system.

Prerequisite(s): Permission of department chair or grade of "C" or better in MATH 1610 Calculus II. (Normally offered each fall semester.)