Course: MTH 287 **Course Title:** Computational Calculus w/Analytical Geometry I
Credit Hours: 3 **Department:** Mathematics
Prerequisite: *"C" or better in MTH 136 or MTH 138, or an approved score on a department placement test.*

General Education Area:
FOUNDATIONS - Quantative Literacy *(GEC 104)*

Information submitted by a department representative on 4/26/2021 12:20:26 PM – Compiled by Darren Wienberg, Academic Advising & Transfer Center

Typically Offered During:

Fall Full Semester:	YES	Fall 1st Block:	NO	Fall 2nd Block:	NO
Spring Full Semester:	YES	Spring 1st Block:	NO	Spring 2nd Block:	NO
Summer:	YES				

Typical Instructional Modality:

Traditional (seated):	YES	Blended:	NO	Internet:	YES
Online Video:	NO	Web Conference:	NO		

May Also Count Toward Department Offering:

Major:	NO	Minor:	NO	Certificate:	NO

Please see online published semester class schedule and undergraduate catalog for detailed course offering information.

How do you describe the course to students when they ask "What is this class about?" (Without using the catalog description)?
Survey of Calculus useful for Biology and some GGP students.

Beyond meeting a General Education requirement, what benefits can students realize from choosing this course?
See answer above.

Other than your major/minor/certificate students, what groups of students could find this course relevant to their degree program or career path?
Does not count for the mathematics major. This course is used in Biological Science students and some GGP students for degree requirements.

Catalog Description (Fall 2022 Undergraduate Catalog)
Introduction to the concepts and methods of analytic geometry and differential and integral calculus with emphasis on applications in the natural sciences and technology. Cannot receive credit toward graduation for both MTH 287 and MTH 261. A grade of "C" or better is required in this course in order to take MTH 288. Cannot be taken Pass/Not Pass.