

Course: MTH 261

Course Title: Analytical Geometry & Calculus I

Credit Hours: 5

Department: Mathematics

Prerequisite: "C" grade or better in MTH 137 or MTH 138 or appropriate placement score.
May also receive credit for this course through Advanced Placement; International Baccalaureate

General Education Area:

FOUNDATIONS - Quantative Literacy (GEC 104)

Information submitted by a department representative on 4/26/2021 12:17:59 PM – Compiled by Darren Wienberg, Academic Advising & Transfer Center

Typically Offered During:

Fall Full Semester:	YES	Fall 1 st Block:	NO	Fall 2 nd Block:	NO
Spring Full Semester:	YES	Spring 1 st Block:	NO	Spring 2 nd 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:	YES	Minor:	YES	Certificate:	NO
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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)?

MTH 261 is the first course in Calculus providing the beginning of the journey to acquire the mathematical tools and concepts needed in all STEM fields.

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?

All STEM fields.

Catalog Description (Fall 2022 Undergraduate Catalog)

Analytic geometry of the plane, limits, continuity, differentiation with applications, introductory integration with applications. A grade of "C" or better is required in this course in order to take MTH 280 or 288. Cannot be taken Pass/Not Pass.