Course: MTH 137   **Course Title:** Pre-Calculus II
Credit Hours: 3   **Department:** Mathematics
Prerequisite: *"C" grade or better in MTH 136 or suitable score on the Mathematics placement exam.*

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

Information submitted by a department representative on 4/26/2021 12:09:07 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)?
Precalculus II: Provides the study of the library of trigonometric functions and their properties needed to study Calculus.

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 toward the mathematics major. The course, combined with MTH 136 Precalculus I, provides preparation to study Calculus.

Catalog Description (Fall 2022 Undergraduate Catalog)
This course is part two of a two course sequence with emphasis on the analytic, graphical, and numerical representations of functions. The focus of the course is on the library of trigonometric functions along with higher algebraic and geometric reasoning in preparation for the study of Calculus (MTH 261). Grade of "C" or better required to enroll in MTH 261. Cannot receive credit for both MTH 137 and MTH 138. Cannot count toward the mathematics major or minor. Cannot be taken Pass/Not Pass.