

Electronic Course Authorization System (ECAS)

MATH 1012 - VIEW COURSE PROPOSAL

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Approvals Received:	Department on 09-12-08 by Carol Ford (fordcj@umn.edu)
Approvals Pending:	Curriculum Committee > Campus Assembly > Catalog
Effective Status:	Active
Effective Term:	1099 - Fall 2009
Course:	MATH 1012
Institution:	UMNMO - Morris
Career:	UGRD
College:	MDSM - Division of Science and Mathematics
Department:	10565 - UMM-Sci & Math, Div of-Adm

General

Course Title Short:	PreCalculus I: Functions
Course Title Long:	PreCalculus I: Functions
Max-Min Credits for Course:	4.0 to 4.0 credit(s)
Catalog Description:	Linear and quadratic functions, power functions with modeling; polynomial functions of higher degree with modeling; real zeros of polynomial functions; rational functions; solving equations in one variable; solving systems of equations; exponential and logarithmic functions, and the graphs of these functions.
Additional Course Information (for catalog production):	<no text provided>
Grading Basis:	Stdnt Opt
Honors Course:	No
Delivery Mode(s):	Classroom
Years most frequently offered:	Every academic year
Term(s) most frequently offered:	Fall, Spring
Component 1:	LEC (with final exam)
Auto-Enroll Course:	No
Graded Component:	LEC
Academic Progress Units:	Not allowed to bypass limits. 4.0 credit(s)
Financial Aid	Not allowed to bypass limits.

<u>Progress Units:</u>	4.0 credit(s)
<u>Repetition of Course:</u>	Repetition not allowed.
<u>Course Prerequisites for Catalog:</u>	high school higher algebra, geometry
<u>Course Equivalency:</u>	No course equivalencies
<u>Consent Requirement:</u>	No required consent
<u>Enforced Prerequisites (course-based or non-course-based)</u>	No prerequisites
<u>Editor Comments:</u>	09.09.08 - Edited for PSoft - jls.
<u>Proposal Changes:</u>	<no text provided>
<u>History Information:</u>	<no text provided>
<u>Assessment and Goals:</u>	<no text provided>
<u>Rationale for Changes or Exceptions:</u>	<ul style="list-style-type: none"> • PRECALCULUS COVERS TOO MUCH MATERIAL TOO QUICKLY FOR EVEN THE BETTER STUDENTS TO GET THE MOST OUT OF THE COURSE. • MANY STUDENTS WHO EARN A D IN PRECALCULUS COULD DO MUCH BETTER IF THEY HAD MORE TIME TO WORK ON THE MATERIAL. THESE STUDENTS WOULD ALSO BE BETTER SERVED BY TAKING SURVEY OF CALCULUS RATHER THAN CALCULUS I. • WE HAVE ROUGHLY 125 STUDENT IN CALCULUS I IN A YEAR, BUT ONLY 15 IN SURVEY OF CALCULUS. IT WOULD BE BENEFICIAL IF WE COULD BALANCE THAT BETTER. • STUDENTS WHO NEED A PRECALCULUS COURSE TO PREPARE FOR SURVEY OF CALCULUS DO NOT NEED TO STUDY TRIG SINCE SURVEY OF CALCULUS HAS NO TRIG. • SOME STUDENTS ONLY NEED A TRIGONOMETRY REFRESHER TO PREPARE FOR CALCULUS I. • THE NEW COURSES WILL INCLUDE MORE APPLICATIONS THAN THE PREVIOUS PRECALCULUS COURSE.

General Education

<u>Faculty Sponsor Name:</u>	Barry McQuarrie
<u>Requirement this course fulfills:</u>	
<u>Provisional Approval:</u>	Not Requested
<u>Regular Approval:</u>	Requested on Sep 12, 2008

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