Course Change Request

Date Submitted: 02/15/23 3:55 pm

Viewing: MATH 115 : Analytic Geometry and Calculus I (Honors)

Transfer Course(s): MATH U115

Last approved: 08/26/22 5:43 am

Last edit: 02/15/23 3:55 pm

Changes proposed by: csausvil

Catalog Pages referencing this course

Climate Dynamics (CLIM)

Department of Atmospheric, Oceanic and Earth Sciences

In Workflow

1. **MATH Chair**
2. **SC Curriculum Committee**
3. SC Associate Dean
4. Assoc Provost-Undergraduate
5. Registrar-Courses
6. Banner

Approval Path

1. 02/16/23 4:49 pm Maria Emelianenko (memelian): Approved for MATH Chair

History

1. Aug 25, 2017 by pchampan
2. Feb 22, 2019 by Gregory Craft (gcraft)
3. Aug 26, 2022 by Catherine Sausville (csausvil)

Select modification type:

~~Simple~~

Substantial

Are you completing this form on someone else's behalf?

No

Effective Term: Summer 2023

Subject Code:

MATH - Mathematics **Course Number:** 115

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses: MATH 113 - Analytic Geometry and Calculus I

Catalog Title: Analytic Geometry and Calculus I (Honors)

Banner Title: Analy Geom/Calc I-Honors

Will section titles vary by semester? No

Credits: 4

Schedule Type: Lecture w/Recitation

Hours of Lecture or Seminar per week: 3

Hours of Other Contact Hours per week: 1

Repeatable: May be only taken once for credit, limited to 3 attempts (N3)

Max Allowable Credits: 12

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):
Permission of instructor.

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):
Score of 80 or higher on the Math Placement Test ALEKS (MPAK)

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
	(	MPTR	65		)	

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog Description:

More challenging version of MATH 113. Functions, limits, the derivative, maximum and minimum problems, the integral, and transcendental functions. Notes: credit for both Math 108 and Math 115 will not be given.

Justification:

What: Updated prerequisite

Why: The software for the Math Placement Test has changed. The score now ranges from 0-100 and the new Banner code is MPAK.

Does this course cover material which crosses into another department? No

Learning Outcomes:

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Mason Core

Select the Mason Core Requirement the course is proposing to fulfill:

Foundation Courses:

Quantitative Reasoning

Exploration Courses:

Integration Courses:

Quantitative Reasoning

Course must address all of the following learning outcomes:

1. Students are able to interpret quantitative information (i.e., formulas, graphs, tables, models, and schematics) and draw inferences from them.
2. Given a quantitative problem, students are able to formulate the problem quantitatively and use appropriate arithmetical, algebraic, and/or statistical methods to solve the problem.
3. Students are able to evaluate logical arguments using quantitative reasoning.
4. Students are able to communicate and present quantitative results effectively.

I affirm that I have attached the following using the syllabus and attachment buttons provided above: (see "?" for help with submission)

Additional Comments:

Reviewer Comments

Key: 10146