

Course Change Request

Date Submitted: 02/15/23 3:56 pm

Viewing: **MATH 113 : Analytic Geometry and Calculus I**

Transfer Course(s): MATH U113

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

Last edit: 02/15/23 3:56 pm

Changes proposed by: csausvil

Catalog Pages referencing this course

[Astronomy \(ASTR\)](#)

[Bioengineering \(BENG\)](#)

Select modification type:

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 4:48 pm
Maria Emelianenko (memelian):
Approved for MATH Chair

History

1. Aug 25, 2017 by pchampam
2. Oct 30, 2018 by Tory Sarro (vsarro)
3. Apr 2, 2019 by Igor Griva (igriva)
4. Apr 16, 2020 by Tory Sarro (vsarro)
5. Apr 17, 2020 by Tory Sarro (vsarro)
6. May 13, 2020 by Tory Sarro (vsarro)
7. Aug 26, 2022 by Catherine Sausville (csausvil)

Simple

Substantial

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

No

Effective Term: Summer 2023**Subject Code:** MATH - Mathematics**Course Number:** 113**Bundled Courses:****Is this course replacing another course?** No**Equivalent Courses:** MATH 115 - Analytic Geometry and Calculus I (Honors)
MATH 124 - Calculus with Algebra/Trigonometry, Part B**Catalog Title:** Analytic Geometry and Calculus I**Banner Title:** Analytic Geometry/Calculus I**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):****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?
	(MPT2	07			
Or		MATH 105	C	UG		
Or		MATH 105	XS	UG		
Or		MATH 104	C	UG)	

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:

Functions, limits, the derivative, maximum and minimum problems, the integral, and transcendental functions. Notes: credit for both Math 108 and Math 113 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: 10144