Course Change Request

Date Submitted: 02/13/19 9:16 am

Viewing: MATH 113 : Analytic Geometry and Calculus I

Transfer Course(s): MATH U113

Last approved: 10/30/18 5:20 am

Last edit: 02/13/19 9:16 am

Changes proposed by: igriva

Catalog Pages referencing this course

Astronomy (ASTR)
Bioengineering (BENG)
Bioinformatics (BINF)
Biology (BIOL)
Chemistry (CHEM)

Select modification type:

~~Simple~~
Substantial

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

No

Effective Term: Summer 2019

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 123 - Calculus with Algebra/Trigonometry, Part A~~
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):

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. 02/13/19 9:34 am David Walnut (dwalnut): Approved for MATH Chair

History

1. Aug 25, 2017 by Priyanka Champaneri (pchampan)
2. Oct 30, 2018 by Tory Sarro (vsarro)

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):

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 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.

Justification: We would like to remove the equivalency of the course to MATH 123 for the following reason. During this most recent add/drop period for students, it was noticed that that the equivalency for MATH 113 and MATH 123/124 is prohibiting students from enrolling in coursework. This is primarily due to the update in the repeat course policy which was introduced in this most current catalog. The new policy states that students were not able to take the same course more than three times. This does not include courses which are repeatable. But the courses mentioned above are included in this policy and certain restrictions kept the students from registering for courses which they should have been able enroll in without any administrative assistance from the dean's office/Registrar.

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: **Removing the equivalency of MATH 123 and MATH 113 is the only proposed modification.**

Reviewer Comments

Key: 10144