Course Change Request

Date Submitted: 04/06/26 1:22 pm

Viewing: MATH 108 : Introductory Calculus with Business Applications

Transfer Course(s): MATH U108

Last approved: 04/01/23 6:02 am

Last edit: 04/06/26 1:22 pm

Changes proposed by: jbazaz

Catalog Pages referencing this course

Accounting (ACCT)

Applied Computer Science, BS

Select modification type:

Substantial

In Workflow

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

Approval Path

1. 04/06/26 1:57 pm Maria Emelianenko (memelian): Approved for MATH Chair

History

1. Aug 25, 2017 by pchampan
2. Oct 30, 2018 by Tory Sarro (vsarro)
3. Apr 16, 2020 by Tory Sarro (vsarro)
4. Apr 17, 2020 by Tory Sarro (vsarro)
5. Nov 30, 2022 by Jennifer Bazaz Gettys (jbazaz)
6. Apr 1, 2023 by Catherine Sausville (csausvil)

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

Yes ~~No~~

Requestor:

Name	Extension	Email
Sarah Khankan	5302	skhankan

Effective Term: Fall 2026

Subject Code: MATH - Mathematics **Course Number:** 108

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Introductory Calculus with Business Applications

Banner Title: Intro Calc:Business Applicatio

Will section titles vary by semester? No

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per week: 3

Repeatable: May be only taken once for credit, limited to 3 attempts (N3) **Max Allowable Credits:** 9

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):

Recommended Corequisite(s):

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

Updates:

1. Remove MPA2: score of 13

The only required prerequisites are: MATH 103 or MPAK: score of 55. ~~Or MATH 103T~~

~~or~~

~~Score of 55 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?
	(	MPA2	13			
Or		MATH 103T	C	UG		
Or		MPAK	55		)	

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, derivative, and integral. Applications of differentiation and integration. Notes: Credit for both MATH 108 and any of the following courses: MATH 113, 115, or 124 will not be given.

Justification:

What: Updating the required prerequisites.

Why: MATH is no longer using the old math placement test.

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

Learning Outcomes:

Will this course be scheduled as a cross-level cross listed section?

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)

Have you reached out to the Libraries to determine whether there are adequate resources to support your course? If not, please email Meg Meiman, Associate University Librarian for Learning, Research, and Engagement at mmeiman2@gmu.edu.

Additional Comments:

Reviewer Comments

Key: 10139