



# Course Approval Form

For approval of new courses and deletions or modifications to an existing course.

registrar.gmu.edu/facultystaff/curriculum

### Action Requested:

Create new course       Inactivate existing course

Modify existing course (check all that apply)

Title       Credits       Repeat Status       Grade Type

Prereq/coreq       Schedule Type       Restrictions

Other: \_\_\_\_\_

### Course Level:

Undergraduate

Graduate

College/School:  Department:

Submitted by:  Ext:  Email:

Subject Code:  Number:  Effective Term:  Fall  
 Spring      Year   
 Summer

(Do not list multiple codes or numbers. Each course proposal must have a separate form.)

Title: Current   
 Banner (30 characters max including spaces) \_\_\_\_\_  
 New

Credits: (check one)  Fixed  or  Variable  to

Repeat Status: (check one)  Not Repeatable (NR)  
 Repeatable within degree (RD)      Maximum credits allowed:   
 Repeatable within term (RT)

Grade Mode: (check one)  Regular (A, B, C, etc.)  
 Satisfactory/No Credit  
 Special (A, B, C, etc. +IP)

Schedule Type: (check one)  Lecture (LEC)       Independent Study (IND)  
 Lab (LAB)       Seminar (SEM)  
 Recitation (RCT)       Studio (STU)  
 Internship (INT)  
LEC can include LAB or RCT

Prerequisite(s):

Corequisite(s):

Instructional Mode:

100% face-to-face

Hybrid: ≤ 50% electronically delivered

100% electronically delivered

Restrictions Enforced by System: Major, College, Degree, Program, etc. Include Code.

Are there equivalent course(s)?  Yes  No  
 If yes, please list \_\_\_\_\_

### Catalog Copy for NEW Courses Only (Consult University Catalog for models)

Description (No more than 60 words, use verb phrases and present tense)	Notes (List additional information for the course)

Indicate number of contact hours: Hours of Lecture or Seminar per week:  Hours of Lab or Studio:

When Offered: (check all that apply)  Fall  Summer  Spring

## Approval Signatures

Department Approval \_\_\_\_\_ Date \_\_\_\_\_ College/School Approval \_\_\_\_\_ Date \_\_\_\_\_

If this course includes subject matter currently dealt with by any other units, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

Unit Name	Unit Approval Name	Unit Approver's Signature	Date

### For Graduate Courses Only

Graduate Council Member \_\_\_\_\_ Provost Office \_\_\_\_\_ Graduate Council Approval Date \_\_\_\_\_

## Course Proposal Submitted to the Curriculum Committee of the College of Science

### 1. COURSE NUMBER AND TITLE: MATH 125 Discrete Mathematics 1

#### Course Prerequisites:

Score of 13 or better on the Math Placement Test, or Grade of 'C' or better in MATH 105, or Grade of 'C' or better in MATH 108, or Grade of 'C' or better in MATH 113

*The additions are:* Specifying score of 13 and MATH 113

#### Catalog Description:

Introduces ideas of discrete mathematics and combinatorial proof techniques including mathematical induction, sets, graphs, trees, recursion, and enumeration.

### 2. COURSE JUSTIFICATION:

#### Course Objectives:

#### Course Necessity:

#### Course Relationship to Existing Programs:

#### Course Relationship to Existing Courses:

3. APPROVAL HISTORY: Approved by department chair September 29, 2014

### 4. SCHEDULING AND PROPOSED INSTRUCTORS:

#### Semester of Initial Offering:

Proposed Instructors:

### 5. TENTATIVE SYLLABUS:

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