

Course Approval Form

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

registrar.gmu.edu/facultystaff/curriculum

Action Requested: X Create new course Modify existing course (check a Title Prereq/coreq Other:		Grade Type	Course Level: Undergraduate X Graduate
College/School:COSSubmitted by:Walter Morris		Department: Mathe Ext: 31481	matical Sciences Email: wmorris@gmu.edu
Subject Code: MATH Number: 649 Effective Term: X Fall (Do not list multiple codes or numbers. Each course proposal must have a separate form.) Spring Year 2013			
Title: Current Topics in Comb Banner (30 characters max in New			
Credits: 3 Fixed 0 (check one) Variable to		 Not Repeatable (NR) Repeatable within deg Repeatable within term 	
Grade Mode: X Regular (A, B, (check one) Satisfactory/No Special (A, B C	c Credit (check one)	Lab (LAB)	CT) Seminar (SEM) Studio (STU)
Prerequisite(s):	Corequisite(s):		Instructional Mode:
Permission of Instructor			X 100% face-to-face Hybrid: ≤ 50% electronically delivered 100% electronically delivered
Restrictions Enforced by Syste	em: Major, College, Degree, Pro	ogram, etc. Include Code	Are there equivalent course(s)?
Catalog Copy for NEW Co	ourses Only (Consult Univer	sity Catalog for models)	
Description (No more than 60 words	-		onal information for the course)
Special topics in combinato	prics not covered in regula	r	·
combinatorics sequence. M	e		
Indicate number of contact hours: When Offered: (check all that apply)	Hours of Lecture or Se X Fall X Summer	minar per week: 3 X Spring	Hours of Lab or Studio: 0
Approval Signatures			
Department Approval	Date	College/School Approval	Date
If this course includes subject mat those units and obtain the necessary			partment must circulate this proposal for review by
Unit Name	Unit Approval Name	Unit Approver's Signa	
For Graduate Courses Only			
Graduate Council Member	Provost Office		Graduate Council Approval Date

For Registrar Office's Use Only: Banner____

__Catalog___

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

1. COURSE NUMBER AND TITLE:

MATH 649 Topics in Combinatorics

Course Prerequisites:

Permission of Instructor

Catalog Description:

Special topics in combinatorics not covered in regular combinatorics sequence. May be repeated for credit.

2. COURSE JUSTIFICATION:

Course Objectives:

To allow instructors to offer courses that do not fit under existing course titles.

Course Necessity:

Professors Lawrence and Agnarsson have taught several topics courses in Combinatorics in recent years. There is graduate student demand for such courses.

Course Relationship to Existing Programs:

Course Relationship to Existing Courses:

There is currently a course, Math 629, called Topics in Algebra and Combinatorics. We are also proposing to change that to simply Topics in Algebra.

3. <u>APPROVAL HISTORY</u>:

4. <u>SCHEDULING AND PROPOSED INSTRUCTORS</u>:

Jim Lawrence, Geir Agnarsson, Walter Morris Semester of Initial Offering: Fall 2013 Proposed Instructors:

5. TENTATIVE SYLLABUS:

This will vary from term to term.