



Name: Mary Ann Haley
 Organization: Dean Arts & Sciences

Submission Date: 10/4/2013



Course Catalog Update

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Course Catalog Update Information:

Reference Number: CCU005901

Date: 31-JUL-13

STU0004

Level: 3.00 of 3.00

Currently On The Worklist Of: Donald Palmer, dpalmer

Owner: Office of Curriculum Services, 330-672-8558 or 330-672-8559, curriculum@kent.edu

Basic Course Data		
Change type: Revise		
Faculty member submitting this proposal: Ryabogin Dmitry		
Requested Effective Term: 201480		
Campus: Kent		
College: AS-Arts and Sciences		
Department: MATH-Mathematical Sciences		
Course Subject: MATH-Mathematics		
New Course Subject:		
Course Number: 11008		
New Course Number:		
Course Title: EXPLORATIONS IN MODERN MATHEMATICS		
Title Abbreviation: EXPLORATIONS IN MODERN MATH		
Slash Course and Cross-list Information:		
Credit Hours		
Minimum Credit/Maximum Credit: 3to3		
Contact Hours: Lecture - Minimum Hours/Maximum Hours: 3to3		
Contact Hours: Lab - Minimum Hours/Maximum Hours:		
Contact Hours: Other - Minimum Hours/Maximum Hours:		
Attributes		
Is this course part of the LER, WIC or Diversity requirements: Yes		
If yes, course attributes: 1. LMCR-LER-Mathematics and Critical Reasoning 2. 3.		
Can this course be repeated for credit: No Repeat		
Course Level: Undergraduate	Course Limit:	OR Maximum Hours:
Grade Rule: B-Standard letter		
Rationale for an IP grade request for this course (if applicable):		
Schedule Type(s): 1. LEC-Lecture 2. 3.		
Credit by Exam: N-Credit by exam-not approved		
Prerequisites & Descriptions		
Current Prerequisite/Corequisite/Catalog Description: Topics from various branches of mathematics will be chosen to introduce the student to the wide varieties of ways in which mathematics affects everyday life. Prerequisite: minimum C (2.000) grade in MATH 00007 or any math course 00023 and higher; or ALEKS math assessment minimum score of 45.		
Catalog Description (edited): Topics from various branches of mathematics will be chosen to introduce the student to the wide varieties of ways in which mathematics affects everyday life. Students who have not taken a previous mathematics course at Kent State must see an academic advisor for placement.		
Prerequisites (edited): Math ACT minimum score of 22; or ALEKS math single assessment minimum score of 35; or minimum C (2.000) grade in Math 00022; or any higher math course (MATH 1xxxx excluding MATH 10004, MATH 10020-21, and MATH 10031-32).		
Corequisites (edited):		
Registration is by special approval only: No		
Content Information		
Content Outline:		
Content Hours per Course	Topic	Description
4	Voting Theory	
4	Fair Division	
4	Apportionment	
3	Networks	
4	Mathematics of scheduling	
4	Spiral growth in nature	
4	Symmetry	
3	Population growth models	

4	Puzzles
4	Game theory
4	Topics from statistics
3	Knot theory
Display/Hide Delimited Course Outline	
Total Contact Hours: 45	
Textbook(s) used in this course: Tannenbaum: Excursions in Modern Mathematics; or similar.	
Writing Expectations: Coherent argument in the solution of mathematical problems.	
Instructor(s) expected to teach: All Math faculty	
Instructor(s) contributing to content: White, Kracht, Tonge, Ryabogin	
Proposal Summary	
Explain the purpose for this proposal:	
To change the prerequisites in order to conform to Ohio's remediation-free standards in mathematics.	
Explain how this proposal affects program requirements and students in your unit:	
No effect.	
Explain how this proposal affects courses, program requirements and student in other units:	
Students will progress faster to degree completion.	
Explain how this proposal affects enrollment and staffing:	
None anticipated	
Units consulted (other departments, programs or campuses affected by the proposal):	
Regional campuses	
Revisions made to form (if applicable):	
<input type="checkbox"/> Course Content <input type="checkbox"/> Number <input type="checkbox"/> Credit by Exam <input checked="" type="checkbox"/> Prerequisites <input type="checkbox"/> Credit Hours <input type="checkbox"/> Schedule Type <input type="checkbox"/> Cross-Listed / Slash <input type="checkbox"/> Subject <input type="checkbox"/> Description <input type="checkbox"/> Title <input type="checkbox"/> Diversity <input type="checkbox"/> Title Abbreviation <input type="checkbox"/> Grade Rule <input type="checkbox"/> Writing-Intensive (WIC) <input type="checkbox"/> Liberal Education Requirement (LER) <input type="checkbox"/> Other	
Curriculum Services Information:	
Approved by EPC:	Curriculum Bulletin:
Cross-list Banner Code:	OBR Course Level: 3
OBR Program Code: 28	OBR Subsidy Code: 01
CIP Code: 270101	Term Start:
	Term End:

Comments (500 Character Maximum):

NOTE: Please do not use the following restricted characters: (~ * / \ --)

Comments:

Date	User	Comment
7/31/2013	Dmitry Ryabogin	No comments available.

History:

Date	User	Status
10/4/2013	Mary Ann Haley	Approved
7/31/2013	Andrew M. Tonge	Approved
7/31/2013	Dmitry Ryabogin	Submitted