


Undergraduate Council  
 New Course  Course Change  
 Core Category: NSM Effective Fall 2009

or

Graduate/Professional Studies Council  
 New Course  Course Change  
 Effective Fall     

RECEIVED OCT 23 2008

1. Department: MATH College: NSM
2. Faculty Contact Person: Charles Peters Telephone: 743-3516 Email: charles@math.uh.edu
3. Course Information on New/Revised course:
  - Instructional Area / Course Number / Long Course Title:  
MATH / 3311 / Functions and Modeling
  - Instructional Area / Course Number / Short Course Title (30 characters max.)  
MATH / 3311 / FUNCTIONS AND MODELING
  - SCH: 3.00 Level: JR CIP Code: 27.0101.10 02 Lect Hrs: 3 Lab Hrs: 0
4. Justification for adding/changing course: Successfully taught as a selected topics course
5. Was the proposed/revised course previously offered as a special topics course?  Yes  No  
 If Yes, please complete:
  - Instructional Area / Course Number / Long Course Title:  
MATH / 3397 / Selected Topics in Mathematics
  - Course ID: 35610 Effective Date (currently active row): 20083
6. Authorized Degree Program(s): B.A., B.S. Mathematics
  - Does this course affect major/minor requirements in the College/Department?  Yes  No
  - Does this course affect major/minor requirements in other Colleges/Departments?  Yes  No
  - Can the course be repeated for credit?  Yes  No (if yes, include in course description)
7. Grade Option: Letter (A, B, C ...) Instruction Type: lecture ONLY (Note: Lect/Lab info. must match item 3, above.)
8. If this form involves a change to an existing course, please obtain the following information from the course inventory: Instructional Area / Course Number / Long Course Title  
     /      /     
  - Course ID:      Effective Date (currently active row):
9. Proposed Catalog Description: (If there are no prerequisites, type in "none".) Ideas and  
Cr: 3. (3-0). Prerequisites: MATH 1432 <sup>and</sup> CUIV 1101. Description (30 words max.): Lab-based  
activities <sup>that</sup> designed to reinforce interrelationships among topics in mathematics, especially as taught in  
secondary education. Recurrent themes will be the use of transformations, data analysis methods, and  
technology.
10. Dean's Signature:  Date: 26 Oct '08  
 Print/Type Name: IAN EVANS