

PROPOSAL TO CREATE, REVISE OR DELETE A COURSE

Department **Math**

(Proposed Course Number) **3366**

Proposed Course Title **Differential Equations**

Nature of Proposed Change			
New Course	<input checked="" type="checkbox"/>	Description Change	<input type="checkbox"/>
Revised Course	<input type="checkbox"/>	Title Change	<input type="checkbox"/>
Deleted Course	<input type="checkbox"/>	Editorial Change	<input type="checkbox"/>
Number Change	<input type="checkbox"/>	(Old Number _____)	
Adding Prerequisites	<input type="checkbox"/>		

Common Curriculum Status			
Presently in Common Curriculum	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Now Proposed for Common Curriculum	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
If yes, which Understanding or Skill _____			
Estimated number of seats added or deleted from the Understanding _____			

Rationale (Explain why the change is being proposed, its relation, if any, to the major or minor program, and what curricular improvements will result.):

A course which deals with the more theoretical and qualitative concepts in differential equations needs to be offered for our majors who wish to go to graduate school in applied mathematics.

Curricular Impact Statement (What curricular trade-offs will result if this course is approved?):

This course would provide preparation to our students who wish to continue their education in graduate school studying Applied Mathematics, as well as open the door for more student interest in MATH 4367.

Teaching Resources (Explain any impact on personnel, faculty contact hours, Common Curriculum and other course offerings, and involvement in First Year Seminar.):

We do not foresee any increase in contact hours or impacts on course offerings.

Proposed Bulletin Description:

Introduction to the basic quantitative and qualitative concepts of differential equations. Topics include first order differential equations, second order linear differential equations and applications, Laplace transforms, and systems of differential equations. MATH 3336 and MATH 3366 may not both be taken for credit. Spring, infrequently.

Prerequisite: MATH 3358.

Present Bulletin Title and Description:

Instructor(s) <u>Departmental</u>	IS THIS COURSE		
Semester course will first be offered <u>Spring 2009</u>	- cross-listed with another department? If so, which one? _____	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Effective date of change _____	- a prerequisite for another course? If so, which one(s)? _____	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Frequency of offering <u>Spring, infrequently.</u>	- part of an interdisciplinary program? If so, which one(s)? _____	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is a similar course offered in another department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	- a prerequisite or specific requirement for a major or minor in another department or program? If so, which one(s)? _____	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If yes, attach explanation.	If any of the above responses is "Yes", have you contacted the appropriate department(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If this course will demand additional library resources, equipment, renovation and/or remodeling, computer facilities and time, or have a significant impact on workload or budget, have you arranged for these resources? Yes <input type="checkbox"/> No <input type="checkbox"/> None required <input checked="" type="checkbox"/>	Can a student enter this course with permission of the instructor without the prerequisite(s)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Are there needs for technological resources not currently available on campus? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			

ROUTING

Please list the appropriate departments that have reviewed and endorsed this proposal: _____

Date: _____

AA (April 2003)