PROPOSAL TO CREATE, REVISE OR DELETE A COURSE

Department \underline{Math}

(Proposed Course Number) 3343

Proposed Course Title Combinatorics I	
Nature of Proposed Change New Course □ Description Change ⊠ Revised Course □ Title Change □ Deleted Course □ Editorial Change □ Number Change □ (Old Number) Adding Prerequisites ⊠	Common Curriculum Status Presently in Common Curriculum Yes□ No ☒ Now Proposed for Common Curriculum Yes□ No ☒ 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, tresult.): The course description is antiquated and does not reflect the apprerequisites do not accurately reflect the knowledge base necessidation of a second course in combinatorics, MATH 4344.	ctual subjects being taught in this course. Moreover, the
Curricular Impact Statement (What curricular trade-offs will result if this con/a	purse is approved?):
Teaching Resources (Explain any impact on personnel, faculty contact hor First Year Seminar.): n/a	ours, Common Curriculum and other course offerings, and involvement in
Proposed Bulletin Description: A study of the theory and problem solving techniques of algebra enumeration and the combinatorial proof, the binomial theore exclusion. Fall, alternate years.	
Prerequisite: Math 2326 or consent of instructor.	
Present Bulletin Title and Description: A study of the theory and problem solving techniques of graph Eulerian and Hamiltonian circuits, graph coloring problems, s recurrence relations, inclusion-exclusion, and Polya's enumerations.	panning trees, trinomial coefficients, generating functions,
Prerequisite: Math 1311	
Instructor(s) Brian K. Miceli	IS THIS COURSE - cross-listed with another department? If so, which one?
Semester course will first be offered Fall 2008	- a prerequisite for another course? Yes ⊠ No ☐ If so, which one(s)? 4344
Effective date of change ——— Frequency of effecting	- part of an interdisciplinary program? Yes ☐ No ☒ If so, which one(s)?
Frequency of offering Fall, alternate years. Is a similar course offered in another department?	- a prerequisite or specific requirement for a major or minor in another department or program? Yes ☐ No ☒ If so, which one(s)?
Yes ☐ No ⊠ If yes, attach explanation.	If any of the above responses is "Yes", have you contacted the appropriate department(s)? Yes 🗵 No 🗆
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?	Can a student enter this course with permission of the instructor without the prerequisite(s)? Yes No
Yes □ No □ None required ⊠	
Are there needs for technological resources not currently available on campus? Yes □ No ⊠	
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Please list the appropriate departments that have reviewed and endorsed this proposal:

Date:	

AA (April 2003)