PROPOSAL TO CREATE, REVISE OR DELETE A COURSE

Department **Math**   (Proposed Course Number) **3358**

Proposed Course Title **Linear Algebra**

Nature of Proposed Change					Common Curriculum Status		
New Course	☐	Description Change	☐		Presently in Common Curriculum	Yes ☐	No ☒
Revised Course	☐	Title Change	☒		Now Proposed for Common Curriculum	Yes ☐	No ☒
Deleted Course	☐	Editorial Change	☒		If yes, which Understanding or Skill		
Number Change	☒	(Old Number 3323)			_____		
Adding Prerequisites	☒				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.):

Calculus II (MATH 1312) and Calculus B (MATH 1308) cover the same core material needed for Linear Algebra (MATH 3358) which is why there is a change in the prerequisites. The name and description changes reflect the course material actually being taught, since many of these topics are not taught at all in the current course, MATH 3323, and some which are listed are already taught in MATH 3336. It is also not currently stated when this course is offered.

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

n/a

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

n/a

Proposed Bulletin Description:

A study of the theory and computations of linear algebra. Topics include matrix and vector operations, vector spaces, orthogonality, eigenvalues and eigenvectors, and linear transformations. Fall.

Prerequisite: MATH 1308 or 1312 or consent of instructor.

Present Bulletin Title and Description:

A study of the theory, computations, and applications of linear algebra. Topics include matrix and vector operations, least squares, linear transformations, eigenvalues and eigenvectors.

Prerequisite: MATH 1312.

Instructor(s)
Departmental

Semester course will first be offered
Fall 2008

Effective date of change
_____

Frequency of offering
Every fall.

Is a similar course offered in another department?
Yes ☐   No ☒
If yes, attach explanation.

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 ☐   No ☐   None required ☒

Are there needs for technological resources not currently available on campus?
Yes ☐   No ☒

IS THIS COURSE

- cross-listed with another department?   Yes ☐   No ☒
   If so, which one? _____

- a prerequisite for another course?   Yes ☒   No ☐
   If so, which one(s)?

- part of an interdisciplinary program?   Yes ☐   No ☒
   If so, which one(s)? _____

- a prerequisite or specific requirement for a major
   or minor in another department or program?   Yes ☐   No ☒
   If so, which one(s)? _____

If any of the above responses is "Yes", have
you contacted the appropriate department(s)?   Yes ☒   No ☐

Can a student enter this course with permission
of the instructor without the prerequisite(s)?   Yes ☒   No ☐

ROUTING

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

Date: _____

AA (April 2003)