If the proposed curricular change involves existing courses and is considered a Notification, complete and submit this form. Refer to Regulation 3-4, Policy for Changing the Curriculum, for complete information on submitting proposals for curricular changes.

Please check type of change(s):
- Reduction in course number
- Change in grading option
- Change in course title
- Change in course description*
- Change in hours or credits in an independent study course
- Change in existing major, minor, option, concentration, etc.*
- Change in course number within level, e.g., 310 to 350
- Change in delivery method

A. Current Course Information

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 130</td>
<td>Matrix Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

This proposal is for a(n) X Undergraduate Course ______ Graduate Course

Applies to ______ Major Required ______ Minor Required
______ Elective ______ Elective

Prerequisites MATH 120, Precalculus

Grading X Grade only ______ P/NC only ______ Grade and P/NC Option

Frequency of offering Every Semester

Proposed Course Information. (Please indicate only proposed changes below.)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 142</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Prerequisites MATH 112 or 115

Grading ______ Grade only ______ P/NC only ______ Grade and P/NC Option

Frequency of offering

Effective date (normally the next semester) Fall 2013

B. *If the proposal requests a change in the course description, please attach a description of the change requested and list both the current and proposed course description. If the proposal requests a change in an existing major, minor, option, concentration, etc., please attach a description of the change(s) requested and list both the current and proposed program listings.

Approved by the Department

Department Chair

Notification to the College Dean

Yes No

Charl S. Munkel

Presented at A2C2 meeting on 9/25/2013

Presented at Graduate Council meeting (if applicable) Date

Submitted to Registrar on 9/26/2013

*If a dean has comments on a notification, the dean shall forward the comments to the department. [Revised 7-13-11]
Description of Changes to Catalog Description for MATH 130

Current Catalog Description: An introduction to matrix algebra and elementary vector spaces with an emphasis on computation. Prerequisite: MATH 120. Meets GOAL 4.

New Catalog Description: An introduction to matrix algebra, including row-reduction, matrix arithmetic, linear transformations, linear independence, and span. Emphasis is on conceptual understanding, computation, and applications. Prerequisite: MATH 112 or MATH 115. Meets GOAL 4.

Rationale for All Changes to MATH 130

1. Changes to the Catalog Description: remains unchanged in essence but is rendered in more detail and with greater clarity.
2. Changes to the Course Number: is changed to bring it into line with the recent renumbering system implemented for our MATH courses.
3. Change in Prerequisites: what was formerly MATH 120 (4 S.H.) has been split into MATH 115 (3 S.H.) and MATH 120 (3 S.H.). The non-trigonometry component, which is all that is needed for MATH 142, is contained within MATH 115, and this material is also covered with different emphasis in MATH 112. Hence, both of those courses would be satisfactory pre-requisites for MATH 142.