Mathematics

MATH 415  Linear Algebra  credit: 3 OR 4 hours.
Introductory course emphasizing techniques of linear algebra; topics include matrix operations, determinants, linear equations, vector spaces, linear transformations, eigenvalues, and eigenvectors. 3 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Credit not given for both MATH 225 and either MATH 125 or MATH 415. Prerequisite: MATH 241 (formerly MATH 243) or MATH 242.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning II

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<td>C13</td>
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page 1 - Mathematics, Fall 2006
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<th>Days</th>
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Credit Hours: 3 hours
Quant Reasoning II course.

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Quant Reasoning II course.
Instructor Approval Required
Restricted to Graduate - Urbana-Champaign.

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Credit Hours: 3 hours
Quant Reasoning II course.

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Credit Hours: 3 hours
Quant Reasoning II course.

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Quant Reasoning II course.

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Quant Reasoning II course.

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Section Z8 will be taught asynchronously. See [http://www.math.uiuc.edu/timetable/](http://www.math.uiuc.edu/timetable/) for further details.