Mathematics

MATH 415  **Linear Algebra**  credit: 3 OR 4 hours.

(MATH 315) 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 242 or MATH 243.

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

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<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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<tr>
<td>30979</td>
<td>Lecture-Discussion</td>
<td>B3</td>
<td>09:00 AM - 09:50 AM</td>
<td>MTWRF</td>
<td>341 - Altgeld Hall</td>
<td>McLinden, L</td>
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<td>B3</td>
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<td>341 - Altgeld Hall</td>
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Credit Hours: 3 hours
Quant Reasoning II course.
Meets 13-Jun-05 - 04-Aug-05.

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<tr>
<td>31858</td>
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<td>EGR</td>
<td>ARRANGED -</td>
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Online
Quant Reasoning II course.
Restricted to MCS:Computer Sci Online -UIUC, MS:Electrical Engineerng -UIUC, MS:Mechanical Engineerng -UIUC, or NDEG:Grad
Nondegree-CE-UIUC.
Meets 16-May-05 - 04-Aug-05.
Academic Outreach restrictions and assessments apply, see http://www.outreach.uiuc.edu; Please see http://online.engr.uiuc.edu/
descriptions/summer2005.htm for more details on this course.
Graduate - Urbana-Champaign OCE Tuition $608.00 per Bill Hour, Undergrad - Urbana-Champaign OCE Tuition $608.00 per Bill
Hour, Graduate - Urbana-Champaign OCE Fees $36.00 per Bill Hour, and Undergrad - Urbana-Champaign OCE Fees $36.00 per
Bill Hour.