Class Schedule - Spring 2009

Mathematics

MATH 415  **Applied Linear Algebra**  credit: 3 OR 4 hours.
Introductory course emphasizing techniques of linear algebra with applications to engineering; topics include matrix operations, determinants, linear equations, vector spaces, linear transformations, eigenvalues, and eigenvectors, inner products and norms, orthogonality, equilibrium, and linear dynamical systems. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Credit is not given for both MATH 415 and any of MATH 125, MATH 225, or MATH 410. Prerequisite: MATH 241 or consent of instructor.

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>
</tr>
</thead>
<tbody>
<tr>
<td>37957</td>
<td>Lecture-Discussion</td>
<td>A13</td>
<td>08:00 AM - 08:50 AM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
<td>Bergvelt, M</td>
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<tr>
<td>37960</td>
<td>Lecture-Discussion</td>
<td>A14</td>
<td>08:00 AM - 08:50 AM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
<td>Bergvelt, M</td>
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<tr>
<td>37962</td>
<td>Lecture-Discussion</td>
<td>B13</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>156 - Henry Administration Bldg</td>
<td>Mackay, J</td>
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<td>37965</td>
<td>Lecture-Discussion</td>
<td>B14</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>156 - Henry Administration Bldg</td>
<td>Mackay, J</td>
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<tr>
<td>37967</td>
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<td>C13</td>
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<td>MWF</td>
<td>245 - Altgeld Hall</td>
<td>Csima, N</td>
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<tr>
<td>37970</td>
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<td>C14</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
<td>Csima, N</td>
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Credit Hours: 3 hours
Quant Reasoning II course.
Open to both undergraduate and graduate students.

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Not intended for Undergrad - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall.

Credit Hours: 3 hours
Quant Reasoning II course.
Open to both undergraduate and graduate students.

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Not intended for Undergrad - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall.

Credit Hours: 3 hours
Quant Reasoning II course.
Open to both undergraduate and graduate students.
<table>
<thead>
<tr>
<th>Course ID</th>
<th>Type</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>37984</td>
<td>Lecture-Discussion</td>
<td>01:00 PM - 01:50 PM</td>
<td>MWF</td>
<td>245 - Altgeld Hall</td>
<td>Kedem, R</td>
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<td>37986</td>
<td>Lecture-Discussion</td>
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<td>MWF</td>
<td>245 - Altgeld Hall</td>
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<td>37980</td>
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<td>MWF</td>
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<td>37983</td>
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<td>MWF</td>
<td>156 - Henry Administration Bldg</td>
<td>Kedem, R</td>
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<td>37972</td>
<td>Lecture-Discussion</td>
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<td>Haboush, W</td>
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<td>37974</td>
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<td>245 - Altgeld Hall</td>
<td>Haboush, W</td>
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<td>37976</td>
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<td>TR</td>
<td>245 - Altgeld Hall</td>
<td>Haboush, W</td>
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Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Not intended for Undergrad - Urbana-Champaign.
Instructor approval forms available in 313 Altgeld Hall.

Credit Hours: 3 hours
Quant Reasoning II course.
Uses Mathematica courseware. See http://www.math.uiuc.edu/timetable/ for details. Open to both undergraduate and graduate students.

Credit Hours: 4 hours
Quant Reasoning II course.
Instructor Approval Required
Not intended for Undergrad - Urbana-Champaign.
Uses Mathematica courseware. See http://www.math.uiuc.edu/timetable/ for details. Instructor approval forms available in 313 Altgeld Hall.
Credit Hours: 3 hours  
Quant Reasoning II course.  
Open to both undergraduate and graduate students.

| 37979 | Lecture-Discussion | N14 | 10:30 AM - 11:50 AM | TR | 245 - Altgeld Hall | Haboush, W |

Credit Hours: 4 hours  
Quant Reasoning II course.  
Instructor Approval Required  
Not intended for Undergrad - Urbana-Champaign.  
Instructor approval forms available in 221 Altgeld Hall beginning January 13, 2005.

| 37991 | Laboratory-Discussion | Z83 | ARRANGED - | - | Carpenter, B Woods, D |

Credit Hours: 3 hours  
Quant Reasoning II course.  
Section Z8 will be taught asynchronously using Mathematica courseware. See http://www.math.uiuc.edu/timetable/ for further details. Open to both undergraduate and graduate students.

| 37988 | Laboratory-Discussion | Z84 | ARRANGED - | - | Carpenter, B Woods, D |

Credit Hours: 4 hours  
Quant Reasoning II course.  
Instructor Approval Required  
Not intended for Undergrad - Urbana-Champaign.  
Section Z8 will be taught asynchronously using Mathematica courseware. See http://www.math.uiuc.edu/timetable/ for further details.