Class Schedule - Summer 2008

Mathematics

MATH 380  **Advanced Calculus**  credit: 3 hours.
Introductory study of vector calculus and functions of several variables; topics include directional derivatives; Jacobians; change of variables in multiple integrals; maxima and minima; line and surface integrals; theorems of Gauss, Green, and Stokes; infinite series; and uniform convergence. Credit is not given for both MATH 380 and MATH 241. Prerequisite: 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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<tbody>
<tr>
<td>30973</td>
<td>Lecture-Discussion</td>
<td>B1</td>
<td>09:00 AM - 09:50 AM</td>
<td>MTWF</td>
<td>343 - Altgeld Hall</td>
<td>Carty, T</td>
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<td></td>
<td>Lecture-Discussion</td>
<td>B1</td>
<td>03:00 PM - 03:50 PM</td>
<td>W</td>
<td>343 - Altgeld Hall</td>
<td>Carty, T</td>
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