Mathematics

MATH 241  **Calculus III**  credit: 4 hours.
Third course in calculus and analytic geometry including vector analysis: Euclidean space, partial differentiation, multiple integrals, line integrals and surface integrals, the integral theorems of vector calculus. Credit is not given for both MATH 241 and MATH 292. Prerequisite: MATH 231.

Students must register for one discussion and one lecture section beginning with the same letter in Fall and Spring terms only. Engineering students must obtain a dean's approval to drop this course after the second week of instruction.

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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</thead>
<tbody>
<tr>
<td>33477</td>
<td>Lecture-Discussion</td>
<td>B1</td>
<td>09:00 AM - 10:20 AM</td>
<td>MTWRF</td>
<td>341 - Altgeld Hall</td>
<td>Dong, D</td>
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</tbody>
</table>
|       | Quant Reasoning II course.  
Meets 13-Jun-16 - 04-Aug-16.                  |         |                    |      |              |            |
| 33478 | Lecture-Discussion    | D1      | 11:00 AM - 12:20 PM| MTWRF| 141 - Altgeld Hall | Skabelund, D|
|       | Quant Reasoning II course.  
Meets 13-Jun-16 - 04-Aug-16.                  |         |                    |      |              |            |
| 35278 | Lecture-Discussion    | E1      | 01:00 PM - 02:20 PM| MTWRF| 145 - Altgeld Hall | Boca, I    |
|       | Quant Reasoning II course.  
Meets 13-Jun-16 - 04-Aug-16.                  |         |                    |      |              |            |
| 38309 | Online                | ONL     | ARRANGED -         | -    |              | Carpenter, B|
|       | Quant Reasoning II course.  
Meets 13-Jun-16 - 04-Aug-16.                  |         |                    |      |              |            |

This section has an online format and requires access to Mathematica-based courseware. Students will be given information about how to sign up for an account in Mathable ($99) after enrollment in the course. Off-campus students must arrange for a proctor and must have the proctor approved during the first week of class. Please see https://netmath.illinois.edu/offcampus for proctor eligibility guidelines.