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. 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>
</tr>
</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>Tian, H</td>
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</tbody>
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Quant Reasoning II course.

| 33478| Lecture-Discussion  | D1      | 11:00 AM - 12:20 PM | MTWRF | 141 - Altgeld Hall | Folwaczny, L |

Quant Reasoning II course.

| 35278| Lecture-Discussion  | E1      | 01:00 PM - 02:20 PM | MTWRF | 145 - Altgeld Hall | Song, Y     |

Quant Reasoning II course.

| 38309| Online              | ONL     | ARRANGED -        | -     | -             | Carpenter, B |

Quant Reasoning II course.
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 ($89) 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.