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>
</tr>
</thead>
<tbody>
<tr>
<td>33478</td>
<td>Online</td>
<td>D1</td>
<td>11:00 AM - 12:20 PM</td>
<td>MTWRF</td>
<td>-</td>
<td>Ahmed, I</td>
</tr>
</tbody>
</table>

Quantitative Reasoning II course.
MATH 241 D1 Calculus III This section is our "standard" on-campus Math 241 class moved online.

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

Quantitative Reasoning II course.
MATH 241 ONL Calculus III This section has an online format and requires access to Mathematica-based courseware. Students will receive information about how to sign up for an account in CAS-ILE ($99) after enrollment in the course. This course has multiple exams that will be administered online. Please contact netmath@illinois.edu with any questions. A 16-week self-paced version of this class is also available as part of the academic year term (not summer term). Registration for the self-paced class is done through https://netmath.illinois.edu/register/college (not Self-Service).