Mathematics

MATH 220  Calculus  credit: 5 hours.
First course in calculus and analytic geometry; basic techniques of differentiation and integration with applications including curve sketching; antidifferentiation, the Riemann integral, fundamental theorem, exponential and trigonometric functions. Credit is not given for both MATH 220 and either MATH 221 or MATH 234. Prerequisite: An adequate ALEKS placement score as described at http://math.illinois.edu/ALEKS/, demonstrating knowledge of topics of MATH 115. Students with previous calculus experience should consider MATH 221.

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 I

<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>30963</td>
<td>Lecture-Discussion</td>
<td>C1</td>
<td>10:00 AM - 11:40 AM</td>
<td>MTWRF</td>
<td>243 - Altgeld Hall</td>
<td>Tokcan, N</td>
</tr>
</tbody>
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Quant Reasoning I course.
Departmental Approval Required
An ALEKS math placement score of at least 70%, with a test date of February 15, 2015 or later, is required for approval to register for this course. Please send name, UIN, NetID, recent ALEKS score, and "Summer Math 220" to mathadvising@illinois.edu once you have met this requirement. See http://math.illinois.edu/ALEKS for more information.

| 36762| Lecture-Discussion | E1      | 01:00 PM - 02:40 PM | MTWRF | 141 - Altgeld Hall  | Etedadialiabadi, M  |

Quant Reasoning I course.
Departmental Approval Required
An ALEKS math placement score of at least 70%, with a test date of February 15, 2015 or later, is required for approval to register for this course. Please send name, UIN, NetID, recent ALEKS score, and "Summer Math 220" to mathadvising@illinois.edu once you have met this requirement. See http://math.illinois.edu/ALEKS for more information.

| 38306| Online          | ONL    | ARRANGED -        | -     | -                   | Carpenter, B        |

Quant Reasoning I course.
Departmental Approval Required
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. Must have a recent passing ALEKS score in order to be able to register. An ALEKS math placement score of at least 70%, with a test date of February 15, 2015 or later, is required for approval to register for this course. Please send name, UIN, NetID, recent ALEKS score, and "Summer Online Math 220" to mathadvising@illinois.edu once you have met this requirement. See http://math.illinois.edu/ALEKS for more information.