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 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 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>36762</td>
<td>Lecture-Discussion</td>
<td>E1</td>
<td>01:00 PM - 02:40 PM</td>
<td>MTWRF</td>
<td>141 - Altgeld Hall</td>
<td></td>
</tr>
</tbody>
</table>

Quantitative Reasoning I course.
An ALEKS PPL math placement score of at least 80%, with a test date of February 11, 2019 or later, is required to be able to register for this course. There may be a 1 business day delay after earning the score before Self-Service allows registration. Those who have passed ALEKS PPL close to June 12 may wish to email mathadvising@illinois.edu with name, netid, and UIN to request an override to allow registration sooner. For more ALEKS PPL information please see http://math.illinois.edu/ALEKS for more information. ALEKS PPL Mathematics Placement Exam | Mathematics at Illinois math.illinois.edu The University of Illinois requires the ALEKS PPL Mathematics Placement Exam to assess a student’s prerequisite knowledge for course placement. Backed by decades of research, ALEKS Placement, Preparation and Learning (ALEKS PPL) is the premier adaptive learning and assessment platform used by millions of students around the world. ALEKS PPL uses adaptive, open-response questioning to rapidly and accurately assess each student on a wide range of course material in 30 questions or less.