Mathematics

MATH 115  Preparation for Calculus  credit: 3 hours.
Reviews trigonometric, rational, exponential, and logarithmic functions; provides a full treatment of limits, definition of derivative, and an introduction to finding area under a curve. Intended for students who need preparation for MATH 220, either because they lack the content background or because they are not prepared for the rigor of a university calculus course. Credit is not given for both MATH 115 and either MATH 014 or MATH 114. Credit is not given for MATH 115 if credit for either MATH 220 or MATH 221 has been earned. Prerequisite: An adequate ALEKS placement score as described at http://math.illinois.edu/ALEKS/, demonstrating knowledge of the topics of MATH 112.

Students must register for one Lecture and one Discussion section.
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>40023</td>
<td>Lecture-Discussion</td>
<td>C1</td>
<td>10:00 AM - 12:00 PM</td>
<td>MWF</td>
<td>G17 - Foreign Languages Building</td>
<td>Carpenter, B</td>
</tr>
</tbody>
</table>

Quantitative Reasoning I course.
This is a computer based course and requires access to a Mathematica-based courseware. Courseware access will be provided to students registered in the course. Must have a recent passing ALEKS score in order to be able to register. Please see http://math.illinois.edu/ALEKS. After the ALEKS prerequisite has been met, please e-mail mathadvising@illinois.edu with name, NetID & UIN to get approval.