Mathematics

MATH 221  **Calculus I**  credit: 4 hours.

First course in calculus and analytic geometry for students with some calculus background; 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 221 and either MATH 220 or MATH 234. Prerequisite: An adequate ALEKS placement score as described at http://math.illinois.edu/ALEKS/ and either one year of high school calculus or a minimum score of 2 on the AB Calculus AP exam.

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>
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<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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Quantitative Reasoning I course. Departmental Approval Required
For Merit Workshop students only. Department Approval Required. For further information see http://www.merit.illinois.edu
Must enroll concurrently in MATH 199 22231.
### Quantitative Reasoning I course.

**47000**
- Discussion/Recitation
- ADE
- 01:00 PM - 01:50 PM
- WF
- 143 - Henry Administration Bldg

**47001**
- Discussion/Recitation
- ADF
- 02:00 PM - 02:50 PM
- WF
- 2 - Illini Hall

**47003**
- Discussion/Recitation
- ADH
- 08:00 AM - 08:50 AM
- WF
- 143 - Altgeld Hall

**47004**
- Discussion/Recitation
- ADI
- 09:00 AM - 09:50 AM
- WF
- 143 - Altgeld Hall

**47005**
- Discussion/Recitation
- ADJ
- 10:00 AM - 10:50 AM
- WF
- 441 - Altgeld Hall

**47008**
- Discussion/Recitation
- ADK
- 11:00 AM - 11:50 AM
- WF
- 241 - Altgeld Hall

**47007**
- Discussion/Recitation
- ADL
- 12:00 PM - 12:50 PM
- WF
- 2 - Illini Hall

**64938**
- Discussion/Recitation
- ADM
- 01:00 PM - 01:50 PM
- WF
- 143 - Altgeld Hall

**47011**
- Discussion/Recitation
- ADN
- 03:00 PM - 03:50 PM
- WF
- 141 - Altgeld Hall

**47012**
- Discussion/Recitation
- ADO
- 02:00 PM - 02:50 PM
- WF
- 441 - Altgeld Hall

**47002**
- Lecture
- AL1
- 08:00 AM - 08:50 AM
- TR
- 314 - Altgeld Hall

Placement in this course requires a recent U of I Math Placement Exam score of at least 80%. Failure to achieve the minimum score will result in removal from the course. For details see [http://www.math.uiuc.edu/ALEKS/](http://www.math.uiuc.edu/ALEKS/).
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