Mathematics

MATH 231  **Calculus II**  credit: 3 hours.
Second course in calculus and analytic geometry: techniques of integration, conic sections, polar coordinates, and infinite series. Prerequisite: MATH 220 or 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>
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<th>CRN</th>
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Quant Reasoning I course. Departmental Approval Required
For Merit Workshop students only. For further information see http://www.math.uiuc.edu/timetable/
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Quant Reasoning I course.
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Quant Reasoning I course.
Not intended for Engineering. Not intended for Engineering Physics or Physics or Chemical Engineering or Statistics & Computer Science or Math & Computer Science or Computer Sci & Anthropology or Computer Sci & Astronomy or Computer Sci & Chemistry or Computer Sci & Linguistics major(s).
New freshmen in Engineering or Engineering-rate majors must enroll in lecture EL1 or EL2. Continuing students in Engineering who register after May 27, 2016, should e-mail mathadvising@illinois.edu with name, UIN, and continuing status to receive an override.

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Quant Reasoning I course.
Not intended for Graduate - Urbana-Champaign. Honors section. Grade of A in Math 220 (221) or score of 5 on AP Calculus AB exam required. Requires concurrent enrollment in Math 249 Q1H CRN 32044. Not all qualified students will get seats in honors calculus, so freshmen should register for a regular section as a backup plan. The course will open to students with a 5 on AP Calculus AB at 9:00am on Friday, August 19. Must enroll concurrently in MATH 249 32044.

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Quant Reasoning I course.

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Quant Reasoning I course. Restricted to Civil Engineering or Computer Engineering or Computer Science or Electrical Engineering or Engineering Mechanics or Engineering Physics or General Engineering or Industrial Engineering or Materials Science & Engr or Mechanical Engineering or Physics or Chemical Engineering or Bioengineering or Statistics & Computer Science or Math & Computer Science or Aerospace Engineering or Agricultural & Biological Engr or Nuclear, Plasma, Radiolgc Engr or Engineering Undeclared or Computer Sci & Anthropology or Computer Sci & Astronomy or Computer Sci & Chemistry or Computer Sci & Linguistics major(s). Restricted to new freshmen in the College of Engineering and certain other majors. Students registering for this course must add three CRNs at the same time on the Add/Drop page (not the Class Lookup) to get into the class: 46880 for the lecture, 50014 for the extra credit, and one more for an ED discussion. Restricted to First Time Freshman students. Must enroll concurrently in MATH 299 50014.

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