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 012.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning I

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Quant Reasoning I course.
Departmental Approval Required

This section uses the ALEKS assessment and learning system. Students are required to purchase an ALEKS code to access the course online. The code is non-refundable and costs $78. An ALEKS math placement score of at least 50%, 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. 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.