Mathematics

MATH 112  Algebra  credit: 3 hours.
Rapid review of basic techniques of factoring, rational expressions, equations and inequalities; functions and graphs; exponential
and logarithm functions; systems of equations; matrices and determinants; polynomials; and the binomial theorem. Prerequisite: An
adequate ALEKS placement score as described at http://math.illinois.edu/ALEKS/, demonstrating knowledge of 1.5 units of high school
algebra and 1 unit of high school geometry.

In the fall semester only, students must register for one Lecture and one Discussion section.

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<th>Time</th>
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<th>Location</th>
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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. A 16-week self-paced version of this class will also be available as part of
the academic year term (not summer term). Registration for the self-paced class is done through https://netmath.illinois.edu/Register
(not Self-Service). This course requires multiple paper-based exams that must be taken with an approved proctor. Exams may be
taken on campus with NetMath proctoring; for off-campus options see https://netmath.illinois.edu/offcampus. Off-campus proctors
must be able to scan completed exams and email them to NetMath for grading, as well as mailing the paper exam back for archival
purposes.