



University of Louisville ADVANCE in Mathematics Program



SUMMER 2011

What is ADVANCE in Mathematics?

ADVANCE is a five week summer intensive review program for Mathematics, primarily prealgebra and algebra skills. This program requires onsite or online instructor-led intensive review sessions. These review sessions offer fast-paced instruction in a self-paced format. In addition, online computer sessions provide practice, supplemental instruction and skills tests for each week of the program. Students must work to task competing weekly assignments and tests for successful completion of the program. If a student successfully completes the program, s/he is eligible to post-test for UofL Mathematics placement. The post-test provides an opportunity for possible advancement in placement. Eligible students can use this opportunity to “ADVANCE” into UofL’s general education Mathematics curriculum.

Who is Eligible?

Students enrolled at UofL who are highly motivated and are willing to work on Mathematics several hours each week are encouraged to consider this Mathematics review program. **Eligible students** must have the following math placement scores:

For 2010 summer programs:

- ❖ ACT Math Score 19-23
- ❖ SAT Math score of 460-540
- ❖ Compass Algebra score of 31-65

What Are the Advantages of ADVANCE in Mathematics?

Students who successfully complete the ADVANCE program will have experienced an intense review which may help them earn higher grades in entry-level Mathematics courses. Students who successfully complete the ADVANCE program may post-test into higher level Mathematics courses which will enable them to move more quickly to completion of their general education Mathematics courses. In addition, students who successfully complete the ADVANCE program may post-test from developmental Mathematics courses into entry-level Mathematics courses which will save students’ time/money that would have been spent on developmental courses.

How Does It Work?

ADVANCE in Mathematics takes place in one 5-week session either in June or July. The June session is onsite only and occurs May 31 to June 30 and the July session is onsite or online occurring July 5 to August 4.

For the summer onsite programs, sessions meet on MTWTR from 9-11 AM. The REACH Math Resource Center will provide additional drop-in tutoring support on MTWTR. Attendance, participation, and achievement are required for program completion and success.

For the summer online program, instead of attending a classroom lecture, students will work independently using Blackboard and a browser-based program, MathXL, on their computer. All final post-testing must be done onsite at UofL or an approved testing center.

For both the onsite and online programs, students must stay on schedule and complete online homework and tests with an 80% average. If a student tends to procrastinate and complete assignments at the last minute, s/he may not be successful in this review program.

What is the cost?

Students must pay a total material fee of \$75.00 for the access code to MathXL and for the binder of instructional materials provided for both the onsite and online programs. Payment is due to REACH by the first day of the summer program. No refunds are given following the first day of class or if the computer program access code is activated before that date.

For registration: <http://www.reach.louisville.edu/tutoring/math/advanceApply.htm>