



University of Louisville ADVANCE in Mathematics Program FALL 2009



What is ADVANCE in Mathematics?

ADVANCE is a 7 week 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 completing 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?

Any 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/be the following:

- ❖ ACT Math Score of 19-22 or higher
- ❖ SAT Math score of 460-530 or higher
- ❖ Compass Algebra score of 30-100 or College Algebra score 0-64 or higher
- ❖ Students who WITHDREW or were not successful in MT 080
- ❖ Students who WITHDREW or were not successful with Math 111

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 during the following dates:

First session: **August 31 to October 16.**

Second Session: **October 26 – December 7.**

For the fall onsite program, sessions meet on MW or TTR at various scheduled times during the week. (Two sessions are required each week.) The REACH Math Resource Center will provide additional drop-in tutoring support M-F. The REACH Virtual Math Center is available for tutoring on weeknights and weekends. Attendance, participation, and achievement are required for program completion and success.

For the fall online program, instead of attending a classroom lecture, students will work independently using Blackboard and a browser-based program, MathXL, on their computer.

For both onsite and online versions of this program, 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 (also used in entry-level Math 111 and Math 151) and for the instructional materials provided for both the onsite and online programs. Payment is due to REACH by the first day of the fall program. No refunds are given following **the first day of the program** or if the computer program access code is activated before that date.

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