What is the SPEED Calculus Preview Program?
The Calculus Preview Program is a four-week, intensive review program for intermediate algebra and advanced algebra skills. The program requires on site or online instructor-led 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, he or she will be better prepared to handle the rigorous first few weeks of her/his first SPEED engineering course.

Is this program for you?
First-year engineering students are required to take an online diagnostic test, the SPEED Algebra Readiness Exam (ARE), to determine their readiness for their first engineering calculus course. This test is taken before orientation and information regarding the test is provided to students in pre-orientation materials. The test results will indicate if a student will benefit from a review of intermediate and advanced algebra skills to be better prepared for Introductory Calculus and Engineering Analysis I. Check with the REACH web site for details: REACH.LOUISVILLE.EDU

What are the advantages of the SPEED Calculus Preview Program?

Advantages for students placed into Engineering Analysis I (ENGR 101)
Students who successfully complete this program experience an intense review which may help them earn higher grades in Engineering Analysis I. This program includes material specifically designed to prepare students for the first two Engineering Analysis I exams. Additionally, all entering SPEED engineering first-year students must take a proctored algebra readiness exam (ARE-2) during the first week of Engineering Analysis I. This exam score will count for 5% of the final grade in ENGR 101. Students who complete the Calculus Preview Program will be able to complete the program’s post assessment which serves as a practice test and specific review for the ARE-2.

Advantages for students places into Introductory Calculus (ENGR 190)
Students who successfully complete this program experience an intense review which may help them proceed more quickly through the self-paced course material and earn higher grades in Introductory Calculus. This program includes material specifically designed to prepare students for the first half of the ENGR 190 course material.

How does it work?
This program is offered for a four-week session, on site or online, beginning July 7 to August 1.

For the on site program, sessions meet MTWRF from 11 - 1. The REACH Math Resource Center will provide additional drop-in tutoring support Monday - Thursday. Attendance, participation, and achievement are required for program completion and success.

For the online program, students will work independently using Blackboard and a browser-based program, MathXL, on their computers.

For both on site 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, he or she may not be successful in this review program.

What is the cost?
The program fee is $50.00. In addition, each student must purchase an access code to MathXL. (Onsite students can purchase a campus parking permit which costs $10 each week). Payment is due to REACH by July 7. No refunds will be made following July 7, 2014.