

The Speed Algebra Readiness Exam

PLEASE READ THIS ENTIRE DOCUMENT

Congratulations and welcome to Speed School. We look forward to your enrollment this fall.

The Department of Engineering Fundamentals requires you to take the Speed Algebra Readiness Exam **BEFORE** you attend Summer Orientation.

- This is a diagnostic test to help evaluate your level of preparedness for Engineering Analysis I.
- You must do your own work on this test.
- The test is designed to be completed in less than 1 hour **without the use of a calculator or other device**.
- You will take the test using MyMathTest.
- You have no cost for this exam.

Information on registering, enrolling and taking the exam are provided in the following section. You were provided with an access code in your orientation confirmation email.

During the registration process, use your university email address when asked to create a Login Name, and use the access code you received in the confirmation email.

IMPORTANT: Before taking the Algebra Readiness Exam, complete the MyMathLab orientation test. You can take this test as many times as you like. This practice will give you an opportunity to get comfortable with the MyMathTest environment. Remember you will have 1 opportunity only to complete the Algebra Readiness Exam.

RESULTS: You will get your score when you have completed the exam. If your score is not as high as you expected, remember that this is a diagnostic test only and may indicate that you have not worked similar problems for several years. More information regarding the Algebra Readiness Exam scores will be provided during orientation.

NOTE: If your score is below 80%, the engineering faculty recommends that you review your algebra and pre-calculus skills before engineering classes begin in the 2013 fall. One method for review strongly recommended is the **SPEED Calculus Preview Program** offered both in-person and online by **Resources for Academic Achievement (REACH)** at the University of Louisville. The **SPEED Calculus Preview Program** was designed specifically for UofL's engineering students. Research has shown that students who complete this program successfully have a very good success rate in **Engineering Analysis I**. More information about the **Calculus Preview Program** is included at the end of this document.

You will continue to receive more information related to the Algebra Readiness Exam during orientation.

Registering, Enrolling and Taking the SPEED Algebra Readiness Exam

You will take the Algebra Readiness Exam in *MyMathTest*. You must enroll in the program that corresponds to your orientation session. The exam is the same in each program. To enroll in a program you must first register for MyMathTest and then enroll in the program that corresponds to your orientation session. Remember to read this entire document before registering!

1. Registering for MyMathTest

To register, go to the www.mymathtest.com, click the **Register** button, and then follow the instructions on the screen. You should answer no to “do you have a Pearson Education account?” and then **use your University email address** ([_@cardmail.louisville.edu](mailto:cardmail.louisville.edu)) for the login. Use the access code you received with your confirmation email when registering for MyMathTest:

ACCESS CODE: USE THE CODE THAT YOU RECEIVED IN YOUR EMAIL

The screenshot shows the MyMathTest registration interface. On the left, the 'New User' section has a 'Register' button circled in red. On the right, the 'Access Information' section contains several fields: a radio button for 'No' to the question 'Do you have a Pearson Education account?', a 'Create a Login Name' field with the example 'xxx@cardmail.louisville.edu' highlighted by a red box and arrow, a 'Create a Password' field, a 'Re-type your Password' field, and an 'Access Code' field with a red box and arrow pointing to it. A red box on the right side of the page contains the text 'Your University email address' and 'Use the access code you received in your orientation confirmation email'.

You will need to enter some additional account information; the area code for UofL is 40292.

2. Enrolling in a program

After registering, log in to MyMathTest with your username and password. Enroll in the program **associated with your orientation session** using one of the following program IDs: (Note type the code, do not cut and paste)

Orientation Session	Program ID
UofL Freshman Orientation 2013 Session 01	XL15-Y1XY-301Z-40W2
UofL Freshman Orientation 2013 Session 02	XL15-Y1XZ-301Z-50W2
UofL Freshman Orientation 2013 Session 03	XL15-Y1Y0-301Z-60W2
UofL Freshman Orientation 2013 Session 04	XL15-Y1Y1-301Z-70W2
UofL Freshman Orientation 2013 Session 05	XL15-Y1Y2-301Z-80W2
UofL Freshman Orientation 2013 Session 06	XL15-Y1Y3-301Z-90W2
UofL Freshman Orientation 2013 Session 07	XL15-Y1Y4-401Z-00W2
UofL Freshman Orientation 2013 Session 08	XL15-Y1Y7-401Z-30W2
UofL Freshman Orientation 2013 Session 09	XL15-Y1YC-401Z-80W2
UofL Freshman Orientation 2013 Session 10	XL15-Y1YD-401Z-90W2

Additional Information on the next page

Need more help?

To view a complete set of instructions on registering and enrolling, go to www.mymathtest.com and visit the Tours page.

3. Taking the Algebra Readiness Exam

Once you have registered for the program associated with your orientation section, you will be at the MyMathTest home page. You should begin by running the browser check. Then click the **“take a test”** button. You must first take the orientation tutorial test. This test will help you know how to enter answers and provide you with other important information about the Algebra Readiness Exam. You must score a 100% on the orientation test before taking the Algebra Readiness Exam. Once you have successfully completed the orientation test, you can take the Algebra Readiness Exam. You will have one attempt. You can re-enter the test but once you start the test, you must finish in the allotted time of one hour. Remember that this is a diagnostic test, it is in your best interest to work completely on your own, **without a calculator**, and to do your best.

The image shows two screenshots of the MyMathTest interface. The left screenshot shows the 'Speed School Algebra Readiness' page with a red box around the 'Take a Test' button and a red arrow pointing to it with the text 'Do the browser Check First'. The right screenshot shows the same page with a red box around the 'Take a Test' button and a red arrow pointing to it with the text 'Then Click Take a Test'. Below these are two more screenshots. The first shows the 'Tests' section with a red box around the 'Speed Algebra Readiness Exam Orientation' link and a red arrow pointing to it with the text 'Take the Orientation tutorial first. You must score a 100% before you can take the Speed Algebra Readiness Exam.' The second screenshot shows the 'Tests' section with a red box around the 'Speed Algebra Readiness Exam' link and a red arrow pointing to it with the text 'Take the Orientation tutorial first. You must score a 100% before you can take the Speed Algebra Readiness Exam.'

Before registering and taking the Algebra Readiness Exam, you should review the student help web site: http://help.pearsoncmg.com/xl/mmt/student/sa/student_help.htm

Good luck and we look forward to seeing you at Orientation.



University of Louisville SPEED Calculus Preview Program



SUMMER 2013

What is the SPEED Calculus Preview Program?

This Calculus Preview Program is a five-week intensive review program for intermediate algebra and advanced algebra skills. The program requires on site 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, he or she will be better prepared to handle the rigorous first few weeks of Engineering Analysis I.

Is this program for you?

First-year engineering students are required to take an online diagnostic test, the **SPEED Algebra Readiness Exam**, to determine their readiness for Engineering Analysis I. This test is taken before orientation, and information regarding the test is provided to students in pre-orientation materials. Test results will indicate if students would benefit from a review of intermediate and advanced algebra skills in preparation for Engineering Analysis I. Check with the REACH web site for details: **REACH.LOUISVILLE.EDU**

What are the advantages of the SPEED Calculus Preview Program?

Students who successfully complete this program will have experienced an intense review which may help them earn a higher grade in their entry-level SPEED Calculus course. 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 the ARE II 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 can use the program's post assessment score in place of the Engineering Analysis I ARE II score in Engineering Analysis I, and can elect not to take the ARE II if they choose.

How does it work?

This program is offered during a five-week session, on site or online, beginning July 1 to August 2.

For the onsite program, sessions meet MTWR from 9 - 11 AM. The REACH Math Resource Center will provide additional drop-in tutoring support on each of these days. 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?

Students pay a material fee of \$75.00 for the access code to MathXL and for the instructional materials provided for both the onsite and online programs. Payment is due to REACH by July 1. No refunds are given following **July 1, 2013** or if the computer program access code is activated before that date.