

Math Placement Information

Welcome to the OCC Math department. We look forward to seeing you in class. You will need a Math Placement score to register for math class. College math classes are not the same as high school classes. To understand what each course is about, you should read the course descriptions that are in the catalog. But please remember that just because you have seen a topic before doesn't mean that you have mastered that topic.

Have an ACT score?

If you are a student who has taken the ACT test **less than two years ago**, then you may use your ACT Math subscore for placement into a math class at OCC. Only the math part of the ACT test can be used for placement in the math department. If you wish to use your ACT Math subscore for math placement, you should bring your ACT score report to the counseling department. The ACT math subscores coordinate with placement in the chart below.

ACT Math Subscores allow placement into the course(s) in the yellow box below					
0-11	12-13	14-17	18-20	21-22	23 up
<p>You must take the COMPASS Math Placement Test</p>	<p>MAT 1040 Arithmetic</p>	<p>MAT 1050 Preparation for Algebra</p> <p>MAT 1070 Business Math</p>	<p>MAT 1100 Elementary Algebra</p>	<p>MAT 1140 Geometry</p> <p>MAT 1150 Intermediate Algebra</p>	<p>MAT 1500 Finite Math</p> <p>MAT 1540 College Algebra</p> <p>MAT 1560 Trigonometry</p> <p>MAT 1580 Statistics</p>

If you wish to take a course in the math department not listed in the yellow boxes, like MAT 1600 **Applied Calculus** or MAT 1630 **College Algebra** and **Trigonometry** or MAT 1730 **Calculus 1**, then you must take the **COMPASS** Math Placement test.

Have an AP Calculus Exam Score?

If you have taken the Advanced Placement Calculus Exam, either Calculus AB or Calculus BC, then you must bring in your results (on the official report form) to a Counselor. Then we can assign transfer credit for Calculus 1 if you have a score of "3" or higher on the AB exam and that will allow registration into MAT 1740 **Calculus 2**. Or we can assign transfer credit for Calculus 1 and Calculus 2 if you have a score of "3" or higher on the BC exam and that will allow registration into MAT 2740 **Calculus 3**, MAT 2880 **Linear Algebra** or MAT 2810 **Differential Equations**.

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Need to take the COMPASS Math Placement Test?

The COMPASS Math Placement Test is a computerized test that will identify which course is your best entry point into mathematics here at OCC. You can take the COMPASS Math Placement Test as part of your orientation day or you can schedule the test for a later date by contacting the ASC (Academic Support Center) on the campus that you want to take the test. The phone number of each ASC is listed below.

CAMPUS	CALL TO SCHEDULE COMPASS
Auburn Hills	248.232.4435
Highland Lakes	248.942.3035
Orchard Ridge	248.522.3435
Royal Oak	248.246.2435
Southfield	248.233.2736

When you take the COMPASS Math Placement Test, you may want to work out some problems on paper and you may want to use a calculator on some problems. These will be provided for you in the testing area. Be sure to take your time and do the best job that you can on each problem. You will receive a printout with the course recommendations immediately after you take the COMPASS Math Placement Test. You may take any of the math classes **at or below** your indicated score level. If you need help understanding the printout, contact the Counseling department.

You might want to study a little before taking the COMPASS test. There is a math practice test available on the OCC Website. <http://www.oaklandcc.edu/mathtest>

If you are not satisfied with your placement results, you may study and take the COMPASS Math Placement test again. If you are still not satisfied, then you must speak with a counselor.

If you use a test score for placement, either ACT or COMPASS, your placement is valid for two years after the score is entered into the OCC system. If you do not take a math class within two years, then you will need to retake the COMPASS Math Placement test for a new placement.

For any math course in which you enroll, you will need to purchase a textbook. Please check with the OCC bookstore to find out which text you need for your course. Also, in addition to attending each class, remember that math classes take time outside of class. You will likely have homework after each class that should be prepared for the next class. Please be sure to set aside time in your schedule for your math homework and studies.