

**FROM: Department of Mathematics**

**TO: Members of the college community involved in advising**

**RE: Math placement as of spring 2017**

**DATE: November, 4, 2016**

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## **Math Placement as of Spring 2017**

Initial placement into math courses at CSI depends on *either* a student's recorded high-school performance or their results on the ACCUPLACER entrance exam. A student is eligible to take the most advanced placement available to them by these two methods.

Students who have taken the following tests should be placed according to this memo. Students who have previously tested, but have not started their math sequence, should be placed using the guidelines provided in previous memos.

### **Placement based on high school performance**

As of Spring 2017, a student may place into the college-level courses:

MTH 102, Mathematics for Liberal Arts Students; MTH 113, Introduction to Probability and Statistics; MTH 121, Finite Mathematics; or MTH 123 College Algebra and Trigonometry.

Based on

- an SAT Math score of 530 or higher
- A regents test score of **70** or higher on the New York State Regents Exam in Algebra 1 or Geometry; or a score of **65** or higher on the Algebra 2 exam.

In the near future, we expect that a student's high-school transcript will further inform initial placement. For now, if a student has taken AP calculus, they should be directed to a math advisor for fine-tuned placement advice.

Those students who do not receive a placement by either of these criteria will initially test on the Elementary Algebra portion of the entrance exam (EA), otherwise they will only test on the College-Level Math module (CLM).

## Placement based on the ACCUPLACER exam

The ACCUPLACER exam is given to all entering students. There are possibly two parts (EA and CLM). Only those students not given a placement above will be tested on the arithmetic portion of the exam.

Based on these scores students are eligible to enter certain courses, as described in the following:

### Score on the ACCUPLACER Elementary Algebra module (if taken)

- A student who scores **39 or below** on the Elementary Algebra module will need to enroll either in CUNY Start or a long immersion program in the Summer. There is no initial course placement otherwise available.
- A student who scores between **40** and **56** on the Elementary Algebra module may enroll into

MTH 020, Elementary Algebra

All students are encouraged to take this through the immersion program, if possible, as there are financial benefits.

Any newly admitted student must take this course their first semester, *if* they do not take it through an immersion program.

- A student who scores **57** or higher is able to place into a college level math course. Those available are: MTH 102 and MTH 113. The non-credit-bearing course, MTH030, Intermediate Algebra, is also a placement option. However, placement into MTH 121 or MTH 123 requires a further analysis of the score on the College-Level Math module.
- A score of **75** or higher on the Elementary Algebra module allows a student to place into College Algebra/Trigonometry, MTH 123 with a *co-requisite* enrollment in MTH 035 (a two-hour, non-credit course).

### Score on the ACCUPLACER College-Level Math module

- A score of **40** or higher allows a student to place into College Algebra/Trigonometry, MTH 123; or Finite Mathematics, MTH 121
- A score of **60** or higher allows a student to place into Pre-Calculus, MTH 130; Calculus I with Pre-Calculus, MTH230; Fundamentals of Mathematics I, MTH 217; or Applied Finite Mathematics and Business Calculus, MTH 221.
- A score of **80** or higher allows a student to place into Calculus I, MTH 231 (with a co-requisite MTH229 course); or MTH 214, Applied Statistics Using Computers. Students should discuss other options based on their high-school background with a math advisor before enrolling.

<b>Math Placement as of S17</b>		
		<b>Options</b>
SAT MATH 530 or above		MTH 102, 113, 121, 123
Algebra or Geometry Regents 70 or higher		MTH 102, 113, 121, 123
Alegbra 2 regents 65 or higher		MTH 102, 113, 121, 123
<b>EA (Elementary Algebra)</b>	<b>(CLM) College Level</b>	
0-39	.	CUNY Start of IMFF -- no MTH course
40-56	.	IMPF, MTH 020
57-74	0-39	MTH 030, 102, 113
75-120	0-39	MTH 030, 102, 113, 035 with 123
.	40-59	MTH 121, 123
.	60-79	MTH130, 217, 221, 230
.	80-120	MTH 214, 231

As of November 4, 2016. Subject to change. Please ensure you have the latest version.