

Mathematics Placement

Revised 8/28/2009

Mathematics placement is based on either a combination of (i) Math ACT (ACTM) and high school GPA, (ii) Math Placement Exam (MPE) score, or (iii) the last college mathematics course taken. A student can use any of these three measures to get placed. The MPE is only an effective placement indicator for students who have an ACTM of 16 or higher.

Students are required to have at least a 16 on the ACTM to take the MPE.

The following matrix determines a student's math placement level (MPL) depending on the combination of ACTM and High School GPA. There are five MPL's, from 0 to 4, and each level has a set of courses into which a student at the given MPL can be placed. The small chart after the matrix describes how the MPL corresponds to the colors in the matrix.

ACTM	SAT	High School GPA							
		[0, 2.5)	[2.5, 2.75)	[2.75, 3)	[3, 3.25)	[3.25, 3.5)	[3.5, 3.75)	[3.75, 4)	≥ 4
<14		0	0	0	0	0	0	1	1
14		0	0	0	0	0	0	1	1
15		0	0	0	0	1	1	1	1
16	380	1	1	1	1	2	2	2	2
17	410	1	1	1	1	2	2	2	2
18	420	1	1	2	2	2	3	3	3
19	430	2	2	2	2	3	3	3	3
20	460	2	2	3	3	3	3	3	3
21	480	2	2	3	3	3	3	3	3
22	500	2	2	3	3	3	3	4	4
23	520	2	2	3	3	3	4	4	4
24		2	2	3	3	4	4	4	4
25	530	2	2	3	4	4	4	4	4
26	550	2	2	3	4	4	4	4	4
27	560	3	3	4	4	4	4	4	4
28	600	3	3	4	4	4	4	4	4
29	630	3	3	4	4	4	4	4	4
≥ 30	650	3	3	4	4	4	4	4	4

MPL	Math Course Placement
0	CCDM 103N
1	CCDM 114N
2	Math 120, Math 210G
3	Math 111, Math 121G, Stat 251, Stat 271
4	Math 190, Math 142G, Math 230, Math 275G

The MPE has four parts, each part consisting of 10 questions. The score on the MPE is a four part score (e.g, 8,7,6,5).

Math Placement Based on MPE			Number	Course Titles
MPL	MPE Score	Math Course Placement	MPL	Title
0	n/a	CCDM 103N	0	Pre-Algebra
1	n/a	CCDM 114N	1	Algebra Skills
2	6,-,-,-	Math 120, 210G	3	Fundamentals of Elementary Mathematics I
3	a,b,-,- if a+b \geq 12	Math 111, 121G, Stat 251, Stat 271	2	Intermediate Algebra
4	a,b,c,- if a+b+c \geq 19	Math 142G, 190, 230, 275G	3	College Algebra
5	6,6,6,6	Math 191, 235, 278, 279	4	Calculus for the Biological and Management
			4	Trigonometry & Pre-Calculus
			5	Calculus I
			2	Mathematics Appreciation
			4	Matrices and Linear Programming
			5	Calculus for the Technical Student I
			4	Spirit and Evolution of Mathematics
			5	Discrete Mathematics for Computer Science
			5	Introduction to Finite Mathematics
			3	Statistics for Business/ Behavioral Sciences
			3	Statistics for Psychological Sciences

Note: ACT \geq 16 is required to take the MPE