

NMC MATH PLACEMENT GUIDE



EFFECTIVE FOR SPRING 2022 ENROLLMENT

- Test scores and high school GPA are valid for placement for 5 years. After 5 years, the student must retest.
- Students with HS GPA only must also have at least one testing measure to be placed
- The measure (Accuplacer, SAT, ACT or HS GPA) achieving the highest placement for the student will be used.
- Any student may choose to take Accuplacer to improve their placement. Accuplacer can be taken twice with no questions asked. After this, a student must attend a College Math Prep workshop or get special permission to retake.

NEXT-GENERATION ACCUPLACER SCORES

Score	Course Recommendation
Arithmetic <i>(NGA)</i>	
200-247	MTH 019 Math Literacy
248-269	MTH 111/011 Intermediate Algebra + Corequisite (6cr) OR MTH 120/020 Mathematical Explorations + Corequisite (5cr) OR MTH 131/031 Probability & Statistics + Corequisite (4cr)
270-300	MTH 111 Intermediate Algebra (4cr) OR MTH 120 Mathematical Explorations (3cr) OR MTH 131 Probability & Statistics + Corequisite (4cr)
Quantitative Reasoning, Algebra & Statistics <i>(NGQAS)</i>	
200-241	MTH 019 Math Literacy
242-259	MTH 111/011 Intermediate Algebra + Corequisite (6cr) OR MTH 120/020 Mathematical Explorations + Corequisite (5cr) OR MTH 131/031 Probability & Statistics + Corequisite (4cr)
260-274	MTH 111 Intermediate Algebra (4cr) OR MTH 120 Mathematical Explorations (3cr) OR MTH 131 Probability & Statistics (3cr)
275-300	MTH 121 College Algebra (4cr)
Advanced Algebra & Functions <i>(NGAAF)</i>	
205-219	MTH 111/011 Intermediate Algebra + Corequisite (6cr) OR

	MTH 120/020 Mathematical Explorations + Corequisite (5cr) OR MTH 131/031 Probability & Statistics + Corequisite (4cr)
220-239	MTH 111 Intermediate Algebra (4cr) OR MTH 120 Mathematical Explorations (3cr) OR MTH 131 Probability & Statistics (3cr)
240-264	MTH 121 College Algebra (4cr)
265-275	MTH 122 Trigonometry (3cr)
276-300	MTH 141 Calculus (5cr)

HIGH SCHOOL GPA

- Students with eligible high school GPA (within 5 years) must also have an eligible test score (ACT, SAT or Accuplacer). We will always take the highest placement score.

GPA <small>(HGPA)</small>	COURSE
Below 2.50	MTH 019 Math Literacy
2.50 - 3.30	MTH 111/011 Intermediate Algebra + Corequisite (6cr) OR MTH 120/020 Mathematical Explorations + Corequisite (5cr) OR MTH 131/031 Probability & Statistics + Corequisite (4cr)
Above 3.30	MTH 111 Intermediate Algebra (4cr) OR MTH 120 Mathematical Explorations (3cr) OR MTH 131 Probability & Statistics (3cr)

SAT SCORES (2016 OR LATER)

SAT Math Subject Scores <small>(S12)</small>	Course Recommendation
530-579	MTH 111 Intermediate Algebra (4cr) OR MTH 120 Mathematical Explorations (3cr) OR MTH 131 Probability & Statistics (3cr)
580-609	MTH 121 College Algebra (4cr)
610-699	MTH 122 Trigonometry (3cr)
700+	MTH 141 Calculus (5cr)

ACT SCORES

ACT Math Subject Score <i>(A02)</i>	Course Recommendation
21-23	MTH 111 Intermediate Algebra (4cr) OR MTH 120 Mathematical Explorations (3cr) OR MTH 131 Probability & Statistics (3cr)
24-25	MTH 121 College Algebra (4cr)
26-29	MTH 122 Trigonometry (3cr)
30+	MTH 141 Calculus (5cr)

For Classic Accuplacer Scores on exams taken prior to September 2018, please use the chart below

CLASSIC ACCUPLACER SCORES

Score	Course Recommendation
Elementary Algebra <i>(PEA)</i>	
Under 33	MTH 019 Math Literacy
34-49	MTH 111/011 Intermediate Algebra + Corequisite (6cr) OR MTH 120/020 Mathematical Explorations + Corequisite (5cr) OR MTH 131/031 Probability & Statistics + Corequisite (4cr)
50-79	MTH 111 Intermediate Algebra (4cr) OR MTH 120 Mathematical Explorations (3cr) OR MTH 131 Probability & Statistics (3cr)
80-120	MTH 121 College Algebra (4cr)
College Level Math <i>(PCM)</i>	
Below 23	MTH 111 Intermediate Algebra (4cr) OR MTH 120 Mathematical Explorations (3cr) MTH 131 Probability & Statistics (3cr)
23-53	MTH 121 College Algebra (4cr)
54-59	MTH 122 Trigonometry (3cr)
60-120	MTH 141 Calculus (5cr)

Questions? Contact Student Success Coordinator Sally Smarsty at 231-995-3021 or ssmarsty@nmc.edu