MATHEMATICS COURSE PLACEMENT

For most students, initial math placement is determined by their COMPASS test scores. For others, it may depend on transfer credit or scores on the former CMAT, high school regents, SAT, or advanced placement (AP) exams.

COMPASS CUT-OFF SCORES FOR MATHEMATICS PLACEMENT

This will tell you which course may be skipped. Refer to the preceding page called “Mathematics Sequence by Curriculum” for the appropriate course for your major.

<table>
<thead>
<tr>
<th>Place OUT of:</th>
<th>Arithmetic (MI) (pre-algebra)</th>
<th>Algebra (M2)</th>
<th>College Algebra (M3)</th>
<th>Geometry (S4)</th>
<th>Trigonometry (S5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH1</td>
<td>M1 ≥35 OR M2≥30</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>MTH 5 *</td>
<td>N/A</td>
<td>≥40</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>MTH 6**</td>
<td>N/A</td>
<td>≥45</td>
<td>N/A</td>
<td>N/A</td>
<td>≥30</td>
</tr>
<tr>
<td>MTH13 or MTH 30***</td>
<td>N/A</td>
<td>≥45</td>
<td>≥45</td>
<td>N/A</td>
<td>≥40</td>
</tr>
</tbody>
</table>

* For nursing curriculum codes 003, 046 and 047: Students are eligible to apply for PHM 10 at the Nursing Department if M2 ≥ 40, or if they are CUNY Math Exempt (Q/R/S/T/B), or have passed MTH 5 with a P or at least a C. Otherwise, students should take the appropriate remedial course.

** Students exempt from MTH 5 who wish to place out of MTH 6 but who did not take the S5 portion of the COMPASS may apply to take a trigonometry exemption test at the Department of Mathematics and Computer Science.

*** NOTE: If students have taken advanced algebra in high school and wish to take MTH 31, then they may place out of MTH 30 by taking an exemption examination administered by the Department of Mathematics and Computer Science.

HIGH SCHOOL EQUIVALENCY:
ACT SCORE ≥ 21, SAT SCORE ≥ 500, OR REGENTS SCORE ≥ 80 AND ALG2/TRIG

The regents exams are Integrated Algebra, Geometry and Algebra 2/Trigonometry.

Students can demonstrate CUNY Math Proficiency (place out of MTH 5) by scoring an 80 or higher on any of the three regents math exams and successfully completing the Algebra 2/Trigonometry (or higher) course.

A student may place out of MTH 6 by passing all three regents exams with a score of 80 or above. For the former regents sequences:

- Students place out of MTH 5 with a score of at least 75 on Seq Math II (SMQII); MQ3 and MQ4, or Math A.
- Students place out of MTH 6 with a score of at least 75 on Seq Math III (SMQIII); MQ5 and MQ6, or Math B.

PRIOR COLLEGE-LEVEL COURSE WORK

Any math class that BCC accepts for transfer exempts that student from at least MTH 05, regardless of any COMPASS placement score. Scores of 4 or 5 on these AP exams have the following course equivalencies:

- Calculus AB = MTH 31
- Calculus BC = MTH 32
- Statistics = MTH 23.

EXEMPTION EXAMINATIONS

Qualified students may take exemption examinations for all courses (except MTH 5) offered by the Mathematics Department upon application to the department. In general, a grade of B+ or better is required for exemption with credit. A passing grade less than B+, but C or better, will qualify for exemption without credit.