Decision Rules for Science, Technology, Engineering, and Mathematics (STEM) Directed Courses in Mathematics

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| **Level**  *(Minimal final HS course level required for placement)* | **Direct Matriculants**  **(Up through 11th grade)** | **Non-Direct Matriculants** |
| **Calculus I**  **Math P103**  *Passed Pre-Calculus (or higher)*  *with C or better both semesters* | HS 11 GPA>=3.2 | HS 12 GPA>=3.1 AND  Calculus\*  HS 12 GPA>=3.5 |
| **Pre-Calculus**  **Math P102**  *Passed Algebra 2 or*  *IM 3 (or higher) with C or better both semesters* | HS 11 GPA>=3.4  HS 11 GPA>=2.6 AND  Calculus\* | HS 12 GPA>=3.3  HS 12 GPA>=3 AND  CST>=340  HS 12 GPA>=3 AND  Calculus C or better |
| **Trigonometry**  **Math P101**  *Passed Algebra 2 or IM 3 (or higher) with C or better both*  *semesters* | HS 11 GPA>=3.4  HS 11 GPA>=3 AND  Pre-Calc C (or better) both  semesters  HS 11 GPA >= 3 AND  Alg II or IM 3 B (or better) both  semesters | HS 12 GPA>=3.3  HS 12 GPA>=2.8 AND Pre-  Calculus C (or better) both  semesters |

\* Took course (no grade or passing requirement)

3

Decision Rules for non-STEM Transfer-Level Mathematics Courses and Mathematics Courses below Transfer-Level

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| **Level** *(Minimal final HS course level required for placement)* | **Direct Matriculants**  **(Up through 11th grade)** | **Non-Direct Matriculants** |
| **Structures and Concepts**  **Math P115**  *Passed Algebra 2 or IM 3*  *(or higher) with C or better*  *both semesters* |  |  |
| **Statistics**  **Math P122**  *Passed Algebra 1 or IM 1*  *with C or better both semesters* | HS 11 GPA >= 3.0  OR  Algebra 2 or IM 3 (or higher)  with C or better both semesters | HS 12 GPA >= 3.0  OR  Algebra 2 or IM 3 (or higher)  with C or better both semesters |
| **Intermediate Algebra**  **Math P051** | HS 11 GPA >=2.8 | HS 12 GPA >=2.9  HS 12 GPA >=2.5 AND passed  Algebra II or IM 3 both semesters with C or better  CST >= 302  HS 12 GPA >=2.5 AND Pre-Calculus C (or better) both semesters |
| *Passed Algebra 1 or IM 1 (or higher) wth C or better both semesters* |
| **Math PS (Non-STEM)** | HS 11 GPA >= 2.4 | HS 12 GPA >=2.5  HS 12 GPA >=2.0 AND  Algebra I or IM 1 C or better  both semesters CST >= 302  HS 12 GPA >= 2.3 AND  Algebra II or IM 3 C (or better) both semesters |
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| *(No minimal final HS course* |
| *level required for placement)* |
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| **Elementary Algebra**  **Math P055**  *(No minimal final HS course level required for placement)* | HS 11 GPA>= 2.4 | HS 12 GPA>=2.5  HS 12 GPA>=2.0 AND  Algebra I or IM 1 C or better  both semesters CST >= 302  HS 12 GPA>=2.3 AND  Algebra II or IM 3 C (or better)  both semesters |
| **Math PQ**  *(No minimal final HS course level required for placement)* | Everyone else | Everyone else |

+Transfer Level Course (CB21 = Y) such as "MATH 100. MATHEMATICS FOR GENERAL EDUCATION"

\* Number Properties, Operations, and Linear Equations

Timeline in Response to AB-705

1. 11/03/17: Mathematics Division approves multiple measure placement guide.
2. Spring Flex Day 2018: Initial report on co-requisites/pre-stats model.
3. February 1, 2018: Mathematics division to approve co-requisite/pre-stats model.
4. March 1, 2018: New courses to be submitted to the Curriculum Committee for

approval.

1. Summer 2019: Co-requisite/pre-stats model to be implemented.