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

|  |  |  |
| --- | --- | --- |
| **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 ANDCalculus\*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>=3.4HS 11 GPA>=2.6 ANDCalculus\* | HS 12 GPA>=3.3HS 12 GPA>=3 ANDCST>=340HS 12 GPA>=3 ANDCalculus C- or better |
| **Trigonometry** **Math P101***Passed Algebra 2 or IM 3 (or higher) with C- or better both**semesters* | HS 11 GPA>=3.4HS 11 GPA>=3.0 ANDPre-Calc C- (or better) bothsemestersHS 11 GPA >= 3.0 ANDAlg II or IM 3 B- (or better) both semesters | HS 12 GPA>=3.3HS 12 GPA>=2.8 AND Pre-Calculus C- (or better) bothsemesters |

\* Took course (no grade or passing requirement)

3

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

|  |  |  |
| --- | --- | --- |
| **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 >= 3.0ORAlgebra 2 or IM 3 (or higher)with C- or better both semesters  | HS 12 GPA >= 3.0ORAlgebra 2 or IM 3 (or higher)with C- or better both semesters |
| **Intermediate Algebra****Math P051** | HS 11 GPA >=2.8 | HS 12 GPA >=2.9HS 12 GPA >=2.5 AND passedAlgebra II or IM 3 both semesters with C- or better  CST >= 302HS 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 >=2.5HS 12 GPA >=2.0 ANDAlgebra I or IM 1 C- or better both semesters CST >= 302HS 12 GPA >= 2.3 ANDAlgebra II or IM 3 C- (or better) both semesters |
|  |
|  *(No minimal final HS course* |
|  *level required for placement)* |
|  |
| **Elementary Algebra**  **Math P055***(No minimal final HS course level required for placement)* | HS 11 GPA>= 2.4 |  HS 12 GPA>=2.5HS 12 GPA>=2.0 ANDAlgebra I or IM 1 C- or better both semesters CST >= 302HS 12 GPA>=2.3 ANDAlgebra 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.