

## Proposed Changes to Board Policy 3.205, Approved High School Courses

### 7. Mathematics

#### 7.1. Mathematics Course Sequence\*

~~7.1.1. Foundations I, II, Algebra IA~~

7.1.~~1.2.~~ Algebra I/Core Math I\*\*

7.1.~~2.3.~~ Geometry/Core Math II\*\*

7.1.~~3.4.~~ Algebra II/Core Math III\*\*

7.1.~~4.5.~~ Advanced Algebra and Trigonometry\*

7.1.~~5.6.~~ Statistics\*

7.1.~~6.7.~~ Discrete Mathematics with Statistics & Probability\*

7.1.~~7.8.~~ PreCalculus\*

7.1.~~8.9.~~ Calculus\*

7.1.~~9.10~~ Advanced Placement Statistics

7.1.~~10.1~~ Advanced Placement Calculus AB/BC

7.1.1~~1.2~~ Bridge Math Course\*\*\*

7.1.1~~2.3~~ Senior Finite Math\*

7.1.1~~3.4~~ Tier III Mathematics Intervention

\* All students ~~who enter high school beginning in 2009-10~~ must earn four credits in high school mathematics including Algebra I, Geometry, and Algebra II or the equivalent, and another mathematics course beyond Algebra I. Students must be enrolled in a mathematics course each school year.

For those students who have met the ACT and/or SAT college readiness benchmarks in mathematics, the following courses may satisfy the requirement for being enrolled in a mathematics course for a fourth (or more) credit option: Physics, Advanced Placement Physics ~~B, C~~, or Advanced Placement Computer Science.

~~Students enrolled in high school prior to 2009-10 must earn at least three credits in high school mathematics which must include a course equivalent to Algebra I. Students who entered high school in 2005-06 will also be required to complete one of the following: Geometry, Technical Geometry, Algebra II, or Integrated Mathematics II as part of the three required units.~~

~~\*\* Foundations I & II courses are elective credit only for students who enter high school beginning in 2009-10. Students who entered high school prior to 2009-10 may receive a maximum of one mathematics credit for a course in Foundations I, Foundations II, Technical Math (formerly known as Mathematics for Technology I) or Algebra IA. Students who enter high school prior to 2005-06 may receive a maximum of two credits for these courses. Note: Technical Math will no longer be offered effective 2009-10.~~

~~\*\*~~Algebra I, Geometry, and Algebra II may be substituted (if available) with an equivalent course (same content standards) with different instructional methodology such as honors, ~~CTE~~, or extended time (A/B courses). A courses are elective credit only. Math content credit is awarded upon completion of the B courses. Note: Integrated ~~courses~~ Core Math I, II, & III courses may substitute for Algebra I, Geometry, & Algebra II in its entirety.

~~\*\*\*~~ The Bridge Math course is designed for students who have not ~~scored 19 or higher on the ACT~~ met the ACT readiness benchmark by the beginning of the senior year. The

Finite Senior Math course is designed for students who do not wish to take a more traditional STEM math course.

~~These courses are currently under development with planned implementation to serve students graduating under the Ready Core requirements pending board approval.~~