

# Third Math Credit for High School Graduation

## A Strong Math Education Prepares Students to Succeed in College and Careers

The State Board of Education (SBE) adopted a rule that beginning with the class of 2013, students will be required to take a third credit of math – Algebra II\* - or may elect to take a third math credit tailored to their career path, in order to graduate.

There are two paths to complete this credit, designed to prepare students for college and careers:



### Algebra II or beyond



1 Credit  
Required by 4-year colleges.

*Students planning to attend 4-year colleges are highly encouraged to take 4 years of mathematics (through PreCalculus or beyond), and to take mathematics during their senior year. Students planning to attend community college are strongly encouraged to take at least Algebra II.*



### An alternative math course



1 Credit  
If students have a defined career path, they may substitute an approved course for Algebra II, but must obtain parent/guardian and high school approval.

*Students planning to pursue a career/technical program or career immediately after high school are strongly encouraged to continue taking mathematics all four years of high school. Classes that are alternatives to Algebra 2 are available for juniors and seniors.*

## Students may choose from the following 3<sup>rd</sup> year math options:

### Algebra II or beyond path

- Algebra II
- PreCalculus
- AP Calculus/Calculus
- AP Statistics/Probability and Statistics
- IB Mathematics Studies, SL or HL

### Alternative math path\*\*

- CTE Applied Math 2A/2B
- CTE Applied Math 3A/3B
- CTE Applied Math 4A/4B
- CTE Financial Algebra 1A/1B
- CTE Principles of Engineering 1 & 2
- Financial Algebra
- Math Collection of Evidence Course

### \*\*What is required for the alternative 3<sup>rd</sup> year math path?

- Earn 1 credit in Algebra 1 and 1 credit in Geometry.
- Choose a course that is based on a career-oriented program of study identified in the student's high school and beyond plan.
- Meet with a high school representative and your parent/guardian to discuss student goals and the admission requirements of two and four-year colleges.
- Sign a form, along with the high school representative and parent/guardian, to acknowledge that:
  - 1) The meeting was held, 2) the required information was discussed, and 3) all parties agree that the course is more appropriate for the student's education and career goals.

\*Students receiving Special Education services will meet graduation requirements as determined by their Individualized Education Program (IEP) team and as defined in their IEP.