



**Responsible:** Office of Academics, Department of Curriculum & Instruction

## **PURPOSE**

In order to graduate from high school a student must earn a minimum of three credits of mathematics. This administrative procedure shall define the ways in which a student may earn the necessary mathematics credits.

## **PROCEDURE**

1. Unless otherwise noted, all mathematics classes listed in this document are yearlong classes. For example, Algebra 1 refers to both semester 1 and semester 2.
2. Every entering ninth grader must be enrolled in Algebra 1, Geometry, or Algebra 2. Exceptions will be students who qualify for a higher level math class or students certified as ESL or Special Ed who may be enrolled in an appropriate alternative math class. All graduates should have completed a minimum math level of Algebra 2. Every entering ninth grader must have successfully completed three semesters of middle school math or have an approved plan for remediation if promoted to high school.
3. Enrollment and End of Course Exam requirements:
  - a. Graduating classes of 2017 and 2018: Every student must earn a passing grade in Algebra 1 (or equivalent) & Geometry (or equivalent) and participate in the aligned End of Course (EOC) Exams in order to graduate from high school.
  - b. Graduating class of 2019 and later: Every student must earn a passing grade in Algebra 1 (or equivalent) & Geometry (or equivalent) and earn a passing score on the aligned End of Course (EOC) Exams in order to graduate from high school.
4. Every high school will provide support for students who need extra help in order to succeed in Algebra 1, Geometry and Algebra 2. Examples of math support could be the Math Support class, CBI, after school tutoring, other support classes, interventions as part of a Multi-Tiered System of Support (MTSS), etc.
  - a. The Math Support course does not replace the Algebra 1, Geometry or Algebra 2 course and must be taken concurrently with the aligned math course as needed.
  - b. A math support class may be awarded elective credit toward graduation, but not math credit.

5. The sequence of math courses offered will be as follows: Algebra 1, Geometry or Formal Geometry, and Algebra 2. Following successful completion of Algebra 2, a student may take Algebra 3, Trigonometry/Pre-Calculus, Probability/Statistics & Discrete Math, AP Statistics and/or College Readiness Classes. Other classes may be approved by the Director of Curriculum & Instruction or the Senior Director of Student Accounting on an as needed basis.
6. All students enrolled in the core high school mathematics courses (Algebra 1 through Algebra 2) are required to take the WCSD district-wide semester final for the course. District-wide finals are administered during finals week at the end of each semester, fall and spring. Because these tests are finals, they are subject to the regulations/practices governing all WCSD semester finals (see "Final Test Guidelines"). In addition to the Final Test Guidelines, scores from district-wide finals may not be adjusted. The earned score (with appropriate provisions for the IEP) must be entered into Infinite Campus either as a raw score or the percentage earned as it appears in the supporting data management system.
7. Every high school will offer at least one section of Formal Geometry.
8. Course #2227/2228 is the course number for Algebra 2 (H) (Formerly called Algebra 2 STEM)
9. Every high school will offer at least one section of AP Calculus, provided at least 15 students pre-register for the class. Schools may choose to offer AP Calculus with less than 15 students. If pre-registration numbers preclude the actual teaching of AP Calculus, students may choose to attend TMCC, UNR, or SNC to take Calculus as a dual credit course for mathematics credit (See "Dual Credit") or may take the class at another Washoe County high school which does offer the course.
10. UNR entrance requirements include three credits of math, specifically "Algebra, Geometry, Trigonometry, or any advanced mathematics." College preparatory students are expected to have completed math through Algebra 2.
  - a. Note: Most colleges and universities do not accept credits for math taken through CBE or math credits earned before the 9th grade.
11. Students planning to compete in NCAA athletics should check the NCAA math requirement. Math taken through CBE or CBI are not accepted in addition to credits earned before the 9th grade.
12. In order to qualify for the Millennium Scholarship, a student must earn 4 credits of math, including Algebra 2.
13. Students may take Algebra 1 in middle school if they are academically prepared to do so. Teachers who teach Algebra 1 at the middle school must utilize the same

textbooks, and semester exams as are used in high school Algebra 1 classes. Students who take Algebra 1 in middle school will be graded in accordance with high school grading policies.

14. Students must have earned a B or better in all four quarters of any high school course taken at the middle school in order to enroll the next course in sequence. Students who begin high school in Geometry or Formal Geometry or higher are expected to continue to take mathematics classes through their senior year.
15. Students who repeat a math course to raise a grade for any reason (qualification for the next higher math or improved GPA) are expected to take the same class. Both courses appear on the transcript, but the lower grade is replaced with "RP." No credit will be earned for the repeated ("RP") class.
16. In order for students to advance to the next mathematics course a student must pass the pre-requisite course or be concurrently enrolled in an equivalent course. With the exception of Algebra 2 (i.e. If a student fails Algebra 1 either semester they must re-take Algebra 1 or be concurrently enrolled in Algebra 1 and Geometry. If a student fails Geometry they must re-take Geometry or be concurrently enrolled in Geometry and Algebra 2. If a student fails Algebra 2 they must re-take Algebra 2 and can't be concurrently enrolled in another math course). In cases where graduation is at risk (after failing Algebra 2), students can be enrolled in Pre-College Math, Prob/Stats/Discrete Math.
17. Students who fail a math course may take a different, but equivalent math course or may repeat the failed math course in order to receive credit. Both courses appear on the transcript, but the "F" grade is replaced with "RP."
18. If a student has earned math credit from a previous high school at the level of algebra or above, the best match in course title should be made (see "Transcript Evaluation") and that math course number should be entered into the course file with the actual course title from the sending high school. If the student's math course from a previous school would have earned him/her math credit toward graduation at that high school, but is not considered a course for math credit in WCSD (e.g. Pre-Algebra), the course should be entered using the generic 2000 math number and the actual course title from the sending school entered into Course History. If the student earned elective math credit at a level lower than algebra from the sending institution, course number 2009 should be used with the actual title of the sending high school entered into Course History.
19. The maximum allowable credit for students who take a combination of Algebra 1 and Algebra 1-A, 1-B and Algebra 2-A, 2-B is two credits. Students may not receive credit for both Geometry and Formal Geometry.
20. The two year Algebra program has been phased out.

## IMPLEMENTATION GUIDELINES & ASSOCIATED DOCUMENTS

1. This Administrative Procedure reflects the goals of the District's Strategic Plan.
2. This Administrative Procedure aligns with the governing documents of the District, to include:
  - a. Board Policy 6300, Mathematics
  - b. Administrative Regulation 6301, Mathematics
3. This Administrative Procedure aligns with Nevada Revised Statutes (NRS) and Nevada Administrative Code (NAC) to include:
  - a. Chapter 389, Examinations, Courses, Standards and Graduation

## REVIEW AND REPORTING

1. This procedure and any accompanying documents will be reviewed bi-annually, in the year opposite the regular session of the Nevada Legislature.

## REVISION HISTORY

Date	Revision	Modification
9/2012	1.0	Established as Accepted Practice
10/2012	2.0	Revised
4/25/2015	3.0	Revised: converted to Administrative Procedure
9/14/2015	4.0	Revised: updates for new requirements
1/07/2016	5.0	Revised: related to Pre-College Math, Prob/Stats/Discrete Math or EC Math 095/096
11/4/2016	6.0	Revised: removes "or EC Math 095/096" from #16.