

Advanced Algebra Concepts SYLLABUS Centennial High School

Course #: 8293; 8294	Teacher Name: Ms. Siegienski
Course Name: Advanced Algebra Concepts	Room Number: W502 Phone #: 763-792 –5132
Semester 1 ☒ Semester 2 ☒	E-Mail: tsiegienski@isd12.org
Prerequisite: Geometry C or Geometry Concepts C	Credit Earned: .5 credit per semester

Course Description:

The purpose of this course is to study the concepts of Algebra including linear relationships, quadratic relationships, collecting, analyzing, and drawing conclusions from data, and basic principles of the theory of probability and its applications.

Course Objectives:

Students in this course will:

- Tools of Algebra
- Linear Equations and Functions
- Systems of Linear Equations
- Inequalities and Absolute Value
- Quadratic Functions and Factoring
- Polynomials and Polynomial Functions
- Powers, Roots, and Radicals
- Exponential Functions
- Rational Equations and Functions
- Data Analysis and Probability
- Discrete Math
- Intro to Trigonometry

Course Expectations:

Student success correlates with class participation and homework completion.

Attendance: (Three unexcused tardies are equivalent to one unexcused absence)

Attendance procedures/expectations will be followed as outlined in the Centennial Student Handbook.

ATTENDANCE POLICY as stated by Centennial School Board Policy #6020.

Philosophy

The school board believes that regular school attendance is directly related to success in academic work, and establishes regular habits of dependability and responsibility important to the future of all students. Classroom experiences are both meaningful and essential components of the learning process. Regular class attendance instills self-discipline, exposes students to group interactions with teachers and fellow students, enables students to hear and participate in class discussions, and involves students in educational experiences not available in other circumstances. Make-up assignments can never fully replace the learning experience students miss when they are absent from class.

Consequences of Non-Attendance

- Two or more unexcused absences in a semester period (18 weeks) will result in consequences to be determined by administration.
- **Three unexcused tardies are equivalent to one unexcused absence**

Behavior:

Student behavior should follow that of the Respect and Responsibility Policy as outlined in the Centennial Student Handbook.

Materials Needed:

- Pencil
- Scientific Calculator (TI-84 recommended)
- Notes/Assignment Folder

Retakes:

Students may retake tests/quizzes based on the following criteria:

- all assignments must be complete prior to re-assessment
- all re-assessments must be complete within 2 weeks of original or via teacher discretion
- complete an individual remediation plan determined by the teacher prior to re-assessment

LEAP:

Leap is a time for students to relax, join a club and get academic support. There are testing centers for each of the four core subjects. Students may go there to get extra help or make up a missed tests. When a student is absent on a day there is a test, they will have 2 weeks to make up that test. If they don't make it up with the teacher within that time, they will be required to go to the testing center during LEAP.

Misc:

Parents may sign up to use the Parent Portal to access updates on completed and missing assignments and tests. Visit the district web site to download the form and to sign up. www.centennial.k12.mn.us

GRADING	
A = 100 – 93	C- = 72 – 70
A- = 92 – 90 (Exemplary work – 90%-100% mastery of subject goals)	D+ = 69 – 67
B+ = 89 – 87	D = 66 – 63 (Mediocre work – 60%-69% mastery of subject goals)
B = 86 – 83 (Proficient/thorough work – 80%-89% mastery of subject goals)	D- = 62 – 60
B- = 82 – 80	NC = 59 – 0 (Unacceptable work – less than 50% mastery of subject goals)
C+ = 79 – 77	
C = 76 – 73 (Acceptable work – 70%-79% mastery of subject goals)	

I have read and understand the expectations, objectives, responsibilities and grading for this class.	
Student Name : _____ <div style="text-align: center; font-size: small;">Print Name</div>	Student Signature: _____
Parent Signature: _____	Date: _____