

Algebra II Course Syllabus

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Website: <http://sites.google.com/a/ccs-rams.org/echen/home>Required Textbooks:

- 1) **Algebra and Trigonometry: Structure and Method, Book 2**
by Brown and Dolciani

ISBN: 978-0-395-97725-5Course Description:

Algebra 2 extends the mathematical content of Algebra 1 and Geometry. The major topics covered in Algebra 2 are: linear functions, systems of linear equations and inequalities, quadratic functions, relations and functions, radical functions, exponential functions, logarithmic functions, polynomial functions, rational functions, sequences, series, statistics, and probability.

Course outline:

First semester will cover Chapters 1-7, ending with Quadratic Equations and Functions.
Second semester will cover chapters 8-11, 15, ending with Statistics and Probability.

Supplies:

You must be prepared with the following learning materials and equipment

Notebook (8.5x11)	pen	pencil and eraser
Scientific calculator (TI-30X II or equivalent)		binder paper (8.5x11)
Ruler or Straightedge	Compass	Graph paper

Grading scale:

The CCS standard grading scale is below

97-100	A+	67-69	D+
93-96	A	63-66	D
90-92	A-	60-62	D-
87-89	B+	50-59	F
83-86	B		
80-82	B-		
77-79	C+		
73-76	C		
70-72	C-		

Classroom expectations:

Students are expected to turn in assignments on time, write down and organize notes in a notebook, participate in class discussion, and refrain from disrupting class without sufficient reason.

Late work:

Late work is submitted after due date without sufficient excuse. There are two types of late work – soon after and long after. Soon after late work is turned in days after it is due (your score -10% for every day late). Long after late work is turned in more than a week after it is due (50% of your score). The minimum score for any paperwork (late or on time) is 25%.

Quiz Policy:

Quizzes will be given upon completion of certain sections of each chapter. They will be worth less than exams and units and contain questions concerning material from only that section.

Chapter Test Policy:

Chapter tests will be given upon completion of each chapter. They will be worth more than quizzes and contain questions concerning material from only that chapter.

Midterm and Final Exam Policy:

Midterms will cover multiple chapters and will contain questions concerning only those chapters. There will be two midterms per semester. The final exam for each semester will contain questions concerning material from the entire semester.

Extra Credit:

There may be extra credit opportunities throughout the course that will allow you to boost certain assignment grades or even replace low grade assignments.

Student Responsibilities:

All students will be held accountable for the information on this syllabus, in the student handbook, PowerSchool, and most importantly, the class website. Policies may be added or changed throughout the year to better fit the class. Any disregard or violation of policy and procedure may result in academic failure or disciplinary action.

Quarter Grade Weighting:

Paperwork (homework, schoolwork)	20%
Quizzes & Exams (Chapter Test, Midterm)	80%

Semester Grade Weighting:

Quarter 1	40%
Quarter 2	40%
Final Exam	20%