

Algebra II

Instructor:
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(School Web page - <http://www.fort-dodge.k12.ia.us/> - Our Students Tab, FDCSD Staff Websites - Steven Wilcken)

Extra Help Time

7:45-8:05 AM
3:30-3:50 PM

Textbook Used: Murdock, Jerald. etal. (2010) Discovering Advanced Algebra. Emeryville, CA: Key Curriculum Press.

Online Resources: <http://math.kendallhunt.com/>

Units Covered:

- Sequences
- Linear Models
- Functions, Relations and Transformations
- Systems of equations and inequalities
- Exponential and Power Functions
- Inverses and Logarithmic Functions
- Linear Systems
- Quadratic Functions
- Polynomial Functions

Expectations: Students are to be in their desks, with their notebook and calculator out when the bell rings. Personal electronic devices (phones, mp3 players, etc) are not to be used in class. Food and drink (including gum) are not allowed in the classroom with the exception of bottled water. Students are to be in their seats when the bell rings. They should have the following:

- Pencil and Eraser
- Math Notebook
- Calculator

Cell Phones: Cell phones are to be put away when class starts. They are not to be on the student's desk during class unless the teacher requires them for an activity. It is suggested that students use their phones as a planner, but they are to have a graphing calculator for work and will not need the phone for calculations.

Calculators: Graphing calculators will be used throughout this course. You may check out a graphing calculator for the course if you do not wish to buy one. You will be responsible for having a working graphing calculator with you in class every day - there will not be classroom calculators available.

Absences: Attendance in class is very important. It is the student's responsibility to get assignments and notes when they have been absent from class. When possible, do this **prior to the absence**. For more on absences, check the student handbook.

Grading:

<u>Grade Breakdown</u>	<u>Grading Scale</u>
10% Daily Work	100-90 A
30% Quizzes	89-80 B
50% Chapter Tests	79-70 C
10% Final	69-60 D

Daily Work: Daily work forms a study guide that the student can use to self-evaluate their understanding and prepare for quizzes and test. To help the students do this, the answer keys will be provided for the students to check their own work. When they get problems wrong, they need to get help to learn the material they are struggling with, so they do not do it wrong on the test and quiz.

Therefore, students are required to check their homework with the provided answer key in class before they turn in the assignment. Students will be allowed to use any homework that has been turned in and checked by the teacher as notes on the test. It is recommended that students who are getting many problems wrong get some help and redo the assignment before turning it in so that this homework is a help on the test. Points will not be taken off for late work, but work will not be accepted after the chapter test has been taken.

Quizzes: There will be quizzes approximately once a week. Quizzes will be announced and will cover the current chapter's material. Students may use their notebooks on quizzes, but not their text book. The quizzes will be over the current material and will be similar to the homework problems.

Tests: At the end of each Unit there will be a Unit test. Students may use homework that has been turned in and checked by the teacher on the test. At the end of each semester there will be a comprehensive final.

Retakes: Retakes will be allowed on Quizzes and Chapter tests. All retakes must be completed before the last day of the trimester. To retake an assessment, the student must fulfil the following requirements:

Quizzes:

- The student must go over the quiz individually with the instructor.
- The student will be given a review assignment based on the difficulties on the test. This may include any missing homework assignments. This must be completed and reviewed by the instructor.
- The retake must be scheduled within 2 weeks (10 school days) from the day that the quiz was handed back to the class.

Tests:

- The student must go over the test individually with the instructor.
- The student will be given a review assignment based on the difficulties on the test. This must be completed and reviewed by the instructor.
- All of the homework from the chapter must be completed and checked.
- The retake must be scheduled within 2 weeks (10 school days) from the day that the test was handed back to the class.

**** All Work ****

To receive full credit for any work in this course, the answer must be clearly marked. Also all work must be shown. Even if the majority is done with a calculator, the steps punched into the calculator must be shown on the work. **Full credit will not be given for an answer with no work, even if it is the correct answer.** Partial credit will be given if and only if the work is done in a neat and orderly fashion.