



New Fairfield High School

Course Name: Algebra 2

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Office Hours: By appointment

Mission: New Fairfield High School strives to provide a safe educational environment in which all students acquire the knowledge and skills to become lifelong learners and responsible citizens within a diverse society and changing world.

Course overview:

The student will be required to demonstrate proficiency in evaluating expressions using various subsets of the real numbers, simplify expressions using the basic operations with numerical and literal expressions, and solve first and second degree equations, as well as equations in two variables. The student will also be expected to graph various functions, interpret and use statistics and demonstrate skills related to problem solving.

Grading Criteria (Total Points Method):

Tests & Projects: 50+ points

Quizzes : 10 to 50 points

Homework / Classwork : 1 to 10 points

Required Materials:

A. Students will be issued a textbook (Algebra 2 – Integration, Applications, Connections, Glencoe, Mcgraw Hill Publishers): I recommend that the students keep their text books in a safe location at home for easy access to homework assignments.

Note: Due to the size of the textbooks, sock type covers are not recommended as they tend to pull the binder too tight causing damage. Please cover the books with a paper type cover so that proper sizing is achieved.

B. A **Three Ring Binder** type notebook, (preferably a separate one for this course), The binder should be set up with four sections with pocket style dividers. **Section 1: Homework, Section 2: Notes, Section 3: Class work, Section 4: Projects . For video instructions please go to the following link:**
<http://nfmath.com/nfmathclass/Notebook-Requirements.php>

C. **two pencils - At least two pencils should be brought to class daily.**

D. A graphing calculator **TI- 82/83/84 type, Highly recommended.**

E. Homework

A homework assignment will be given frequently and will be either an online homework assignment or on paper. Paper assignments will be checked in class or collected periodically. Homework will be **neat, orderly, and legible**. Quizzes may be given daily and should be expected. **Late homework will not be accepted.** If a student is absent, extended time will be given to allow completion of assignments. **Online homework completion is critical** to the analysis of the student's understanding at any given point in time. It will be used to pinpoint areas of difficulty and drive instruction. Please make sure your students complete these assignments on time.

F. Notebook:

The notebook will be divided into **four separate sections:**

Section 1: Homework,

Section 2: Notes,

Section 3: Class work,

Section 4: Projects

The notebook will be **neat, orderly, and legible.**

G. Make-up Work and Assessments:

When a one-day excused absence occurs, any missed test or quiz **will be taken within two days of return.** For **extended absences**, missed work must be completed **within 5 school days.**

It is the *responsibility* of each student to seek out all missed class notes and homework assignments from their fellow students, the teacher or by *accessing the class website.* <http://nfmth.com/nfmthclass>

H. Preparedness:

Each day I will mark down whether or not students are prepared for class. Preparation is an integral part of the student taking part in his or her own education, by being mentally and physically prepared for class. **Students must come to class with the required materials.**

I. Extra Help:

The Learning Center can and should be used as an initial step in your student’s goal to acquire extra help when needed. Students may utilize study periods to go to TLC and work one on one with a teacher. Advisory periods which occur daily can also be an effective way to work one on one with a teacher for this purpose. Students may also make an appointment with me to stay after school or even come to school early if other strategies have not been successful.

J. Behavior:

Respectful behavior is mandatory in the classroom at all times. Failure to exhibit proper behavior will not be tolerated and will result in consequences such as bell or lunch detention, after school detention, referrals, and parental consultation not necessarily in that order.

K. School Mission Statement Expectations of an Active Learner:

An active learner:

- attends every class and arrives on-time
- comes prepared daily with all required materials
- takes class notes
- participates positively in class discussions
- effectively utilizes the 25 minute advisory period to assure that he/she is progressing with his/her SMART goals and seeking extra help when required.
- seeks additional extra help using the high school's “learning center” during study halls
- seeks additional extra help as needed
- adheres to the make-up policy

Please sign and return indicating you have read the syllabus and also gone over the rules of the classroom.

Student’s Name: _____ Student’s Signature: _____

Parent/Guardians Name: _____ Contact Phone: _____

Parent/Guardians Sign: _____ Contact Email: _____

Please provide me with any information you feel helpful in working with your child:
(ie. allergies, special accommodations, struggles, strengths, family issues hindering performance, etc.)
struggles, strengths, family issues hindering performance, etc.)