

ALGEBRA II SYLLABUS 2011-2012

Ms. Woll

708-367-2660

wolls@cm01u.org

Welcome to Algebra II. I believe that all students can and will learn mathematics. Keep in mind that learning mathematics is not a spectator sport; you must participate to stay in the game. Participation is essential for learning. We will be working individually, in small groups and have class discussions which will promote active student learning. Modifications will be made for all learners. My primary responsibility as a teacher is to develop and nurture the students' skills. The students' primary responsibility is to consistently apply themselves to their studies, putting forth the effort necessary to achieve success. Parents/guardians play an important role in motivating and monitoring their students to insure that their effort level remains constant. It is when teacher, student, and parent all perform their jobs at a high level that student success will be maximized.

Power Standards/Course Goals:

- Analyzing equations and inequalities
- Graphing linear relations and functions
- Solving systems of linear equations and inequalities
- Exploring polynomials, radical expressions, quadratic functions and inequalities
- Exploring exponential and logarithmic functions
- Investigating sequences, series, and probability
- Exploring trigonometric ratios and relationships

Course Description:

You will be able to develop a logical structure where mathematical relationships are proved and applied. Throughout the year we will be focusing on topics such as, (but not limited to), analyzing equations and inequalities, graphing linear equations, polynomial and radical expressions, quadratic equations and inequalities, exploring polynomial functions, exploring rational expressions, exponential and logarithmic functions, and probability. We will be using the Prentice Hall curriculum to engage the students in problem solving and reasoning.

Fire Drill/Emergency:

Students must remain with the teacher and follow the instructions of the teacher. Attendance will be taken before, during and after the emergency. Any student that disobeys teachers and/or impede the safety of the class will be immediately given a referral.

Attendance/ Tardiness:

Students are expected to attend school every day and arrive on time. It is the students responsibility to contact me during/after an absence to inquire about any make-up work, quizzes, tests, etc. that you may have missed during an excused absence. If YOU do not do this, YOU will receive a zero!

Academic Dishonesty:

Academic dishonesty is detrimental to the educational progress of all students and is not tolerated. A grade of zero will be given to any student caught copying homework or cheating on a test or quiz. The student will also face the consequences described in the Student and Parent Handbook. In addition, students will face disciplinary actions for repeated and intentional distractions during testing.

Supplies:

Students are expected to be prepared for class with the following: pencils (no pens), paper, notebook (for Algebra only), two pocket folder (for Algebra only) and textbook, graphing/scientific calculator. All supplies are due on the second day of school.

Textbook:

Algebra II textbook by Prentice Hall, which is issued by the Monee Education Center and must remain in the classroom at all times.

Bell-ringer:

Students will complete a bell-ringer each day of class. Bell-ringers are to be completed within five to ten minutes of the tardy bell depending on time given by the teacher. They will be graded and given points towards class work. Failure to arrive to class on time will prevent the opportunity to earn these points. Bell-ringers are individual assignments and are not to be worked on collaboratively with others. When students finish, they must remain quiet to give fellow classmates the opportunity to finish their bell-ringer.

Make-up Work:

Students and parents should contact me via email or phone to see the missing assignments. In case of absence, you should consult me for any missed assignments and see me during independent work time for instructions/guidance.

Notebook:

Every student is required to keep a notebook. Each day, students will take notes, and solve problems in this notebook. For any incorrect problem, the students are to fix them, without erasing, and show the correct steps in solving the problem. The students will be given a weekly grade based on organization, neatness, correct answers, and completeness.

Class Work:

All students are expected to actively participate in class. This includes answering questions when asked, staying on task, completing assignments, trying to the best of the student's ability, seeking help when needed, ignoring other disruptions, contributing to classroom discussions, doing the bell ringer, and all else that contributes to a healthy learning environment. Students will be given a weekly participation grade based on the factors stated.

Quizzes & Tests:

Quizzes will be given throughout the unit to give you a chance to practice for the unit test. You can expect to have two to three quizzes per unit. Tests will be given at the end of each unit. We will dedicate ample time the day before for questions and review. A final exam will be a comprehensive test given at the end of each semester. Please remember that quizzes and tests are to be completed individually and sharing answers will result in a 0 for that quiz/test. Please note that quizzes and tests are individual assignments and are not to be worked on collaboratively with others. When students finish, they must remain quiet to give fellow classmates the opportunity to finish their quizzes/tests.

Grading:

| | Based on Percents | Based on Points |
|-------------------------|-------------------|-------------------------|
| Notebook Check (weekly) | 20% | 150 (15 pts each check) |
| Class work (weekly) | 10% | 100 (10 pts per week) |
| Projects/Presentations | 10% | 100 |
| Homework | 10% | 100 |
| Quizzes (weekly) | 20% | 200 (25 pts each) |
| Tests: End of Unit | 30% | 300 |

Letter Grades will be assigned as follows:

- A 90-100
- B 80-89
- C 70-79
- D 60-69
- F Below 60

Semester grade will be calculated as follows: 45% 1st Quarter, 45% 2nd Quarter, 10% Final

Please review this syllabus with your parent/guardian then remove below and return to Ms. Woll.

I, _____, have read this syllabus and understand the policies.
student name (print)

Student Signature: _____ Date _____

I, _____, have read this syllabus and understand the policies.
parent/guardian name (print)

Parent/Guardian Signature: _____ Date _____

Questions/Comments: