

Algebra 2 Honors Course Syllabus 2011-2012

Instructor: Ms. Smith
Room Number: 231
Web Page: lakeparksd.org > Independence High > Teachers > Andrea Smith
Tutorial Hrs: 1st Period – By Appointment only
After School – Monday through Thursday until 4:00 p.m.
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COURSE DESCRIPTION:

This Algebra 2 course is a one-year course that will cover all topics in the Pennsylvania State Standards for Algebra 2. These topics include probability, linear and quadratic equations, matrices, factoring, radical expressions, exponential functions, logarithms, conic sections, sequence and series, and trigonometry.

TEXTBOOK

McDougal Littell: *Algebra 2* 2007

MATERIALS REQUIRED DAILY IN CLASS:

1. Pencils (all work must be done in pencil)
2. TI-84 or TI-83 Calculator (no other calculator may be used on tests)
3. Extra batteries or \$3 to buy 4 AAA
4. Graph paper (all homework must be done on graph paper)
5. Binder for Class work
6. Aleks Notebook (8.5" x 11")
7. Spiral bound note cards (OD SKU 174326) (For all study cards and Vocab cards)
8. Daily planner (provided by school)
9. Highlighters and/or colored pencils
10. Computer and Internet access (If you do not have Internet access at home you may use the computers in IHS's library computer lab, a public library, or a friend/relative's house)

GRADING POLICY:

Grades are **weighted** in the following categories:

ALEKS: 5%
Projects: 5%
Homework/Participation: 10%
Quizzes: 15%
Chapter Tests: 45%
Final: 20%

CLASSWORK and HOMEWORK:

All class notes and handouts are posted to my class website. Every lesson is recorded on an Elluminate session and posted to my class website. Class notes are expected to be completed during each class. If you are absent they should be completed while viewing the Elluminate session as make-up work. A class participation grade will be included in the homework category and is based on the completion of class notes and handouts. All completed class notes will be graded with the study guide at each Chapter test.

All homework assignments are posted at the end of each PowerPoint and on my class website. All homework assignments must be marked with first and last names, the assignment, and period number. Homework is due at the **BEGINNING** of the period. No late work is accepted unless you are absent. You will be given four homework passes which will allow you to turn in four assignments **1 class period late for full credit**. If these are not used, they will count as extra credit at the end of the semester. Your work must be shown on each problem: **no work means no credit!** Your work must also be shown on a test in order to receive full credit for the problem.

Daily homework is a crucial aspect for success. **Late or missing homework will be marked as a 0.** All work must be shown and in pencil to receive credit. **If you are on campus at all that day then all assignments are due on time!** Homework is a vital part of your grade.

**** Homework assignments, tests, and quizzes must be done in PENCIL to receive credit. ****

ALEKS:

What is ALEKS?

An online tutorial designed to assist you with long term retention of concepts in Algebra 1. It is an extremely important aspect of the class. It fills in any gaps that may exist from prior math classes and with the concepts being taught in this class.

How do I use ALEKS?

To receive the greatest benefit from ALEKS, students should work on ALEKS daily and focus on pieces of the pie that relate to the concepts learned in class. ALEKS will provide periodic assessments that will measure the concepts retained. The overall percent with ALEKS reveals the overall retention of Algebra 2.

What if ALEKS seems Too Hard for Me?

It is important that you utilize ALEKS as a tool and you should never get frustrated with learning. You are in the process of learning and learning takes perfect practice, perfect practice, and perfect practice. If you encounter an area that is too difficult, find another to work on and/or read the explain button at all times.

Final Thoughts...

Remember, the effort you put into ALEKS will yield you the same results. Please have the mindset that everything I provide for you is to help you. Everything I give you has a reason, and I promise I will never give you work for the sake of work. To simplify everything I just said: ALEKS is your personal home tutor.

ABSENCES

If you are absent for any reason including illness, doctor's appointments, sports; you will be responsible for printing and completing the class notes and handouts while viewing the Elluminate before completing the homework you missed. This procedure is to aid you in the assigned task. You will have **one day for each day you have an excused absence** to do all make-up homework including quizzes and tests.

If you miss the day of the test, you must make up the test **by the next class period** preferably during one of the math tutorials. Otherwise a zero will be given.

If you miss multiple days in a unit, please see me to arrange a make-up timeline.

CLASS RULES:

To maintain an optimum learning atmosphere the following class rules will be strictly enforced:

1. **Respect your teacher**
 - a. Follow instructions immediately.
 - b. Use respectful language and tone when addressing the teacher.
2. **Respect your classmates**
 - a. Promote an atmosphere of encouragement.
 - b. Raise your hand.
 - c. Do not distract or disrupt other students by your actions.
3. **Respect your classroom**
 - a. No chewing gum or eating during class (water is OK).
 - b. Clean your area before leaving.
4. **Respect yourself and your work**
 - a. Follow all school rules and dress codes.
 - b. All math work **must be completed in PENCIL** to receive credit.
 - c. Other class work must stay in your backpack. (Only Algebra in Algebra)
 - d. Talk only when called upon or working in groups.
 - e. Come to class prepared with the required materials and homework.
 - f. Use integrity in completing ALL assignments and assessments.

CONSEQUENCES

Choosing to ignore the above class rules will result in the following consequences:

1. Verbal warning on the first offense.
2. Discussion with teacher after school for second offense.
3. 15 minute detention with me after school or during lunch for third offense.
4. Sent to office and detention after school for fourth offense.
5. Referral and parent contact on the fifth offense.
6. No credit will be given for any assignment for cheating.

Ms. Smith reserves the right to issue **immediate** referrals and office detentions for potentially dangerous or extremely disrespectful behavior. By the *second week*, chewing gum and cell phone use will become an automatic detention. (If you need to get out your cell phone to turn it off, please ask permission first.)

BASIC CLASSROOM PROCEDURE:

1. Be on time!
2. Be prepared for class when you walk in the door. (Book, calculator, pencils, erasers, and paper)
3. Enter the classroom quietly, pick up handouts from the back of the class room, sit in your assigned seat, and get your pencil and homework out.
4. Begin warm-up problems or quiz.
5. Do not get out of your seat for any reason without permission. This interferes with learning and distracts the class.
6. Keep the classroom clean!
7. **The bell does not excuse the class. I do.** I will tell you when it is time to pack up and leave in an orderly fashion.

To be successful in my class, it is important that you do **all assigned work** and do not hesitate to **ask for assistance**. If you do not understand any segment of any lesson, it is **your responsibility** to ask for help. I am here to assist you with your learning. It is also your responsibility to hand in missed assignments because of excused absences. If we work together and give 100% effort in and outside the classroom, I promise that everyone will reach their own potential.

STUDENT and PARENT CONTRACT:

I have read the Algebra II syllabus and fully understand its contents.

I agree to adhere to the class principles of respecting the teacher, my peers, my classroom, and myself as delineated by class expectations.

I will diligently apply myself to mastering the material of this course and actively participate in each class session.

I will strive to come to class daily prepared with my homework and the required equipment. ***I understand the zero credit for no work shown homework policy.***

I will take the initiative to clarify concepts in class by asking questions.

Students: I have read and reviewed the course syllabus and this contract with my parent(s).

Student signature: _____ Date: _____

Student name:(printed) _____

Student email: _____

Parent(s): I have carefully reviewed the course syllabus and student contract with my son/daughter.

Parent signature: _____ Date: _____

Home/work phone number: _____

Email address: _____