

**ALGEBRA II COURSE SYLLABUS
SMITH PREP SPRING TERM 2011
INSTRUCTOR: Matt West**

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WEB PAGE: Any resources that are needed will be in the Training Series section of my webpage (<http://www.ProfWest.com>).

CLASS HOURS: 12:45-2:15 THU

A. DESCRIPTION

This course is upper level Algebra II. WE MAY NOT COVER THE ENTIRE BOOK. The teacher has determined the subjects that are most necessary to cover, and those are the topics we will cover. If there is an area that you feel we need to cover, please see me during the first month and I will try to make sure it is included.

B. ORGANIZATION

If you are taking this course for credit, you cannot miss more than three days. If you are not taking this course for credit, but rather just want to learn, you may miss as often as you feel it necessary.

C. GRADING PLAN

1. Homework	10%
2. Exam over Unit 3	30%
3. Exam over Unit 4	30%
4. Exam over Unit 5	30%

HOMEWORK:

Homework will be given for each of the thirteen classes where there is no exam. Homework is given where the answers are in the back of the book. You will be graded on completion, but if it is suspected that you are not trying, the right to grade the homework for its correctness is reserved. Homework is to make sure that you understand the material. If you do homework all 13 weeks, you will get 100% on this section of the grade. The instructor expects to be contacted if there are any issues with understanding the homework.

EXAMS:

There will be a test over each unit. They are not cumulative. Exam questions will be just like the homework problems. If you understand the homework, you will do well on the exams.

D. YOUR IDEAS, EVALUATIONS, ETC.

In general, your ideas, comments, suggestions, questions, etc. are welcome. Your discretion in these matters is expected, however. No part of your grade will be based on anything other than your coursework. I will attempt to teach the material and be very clear about what is on each test or quiz. If there is anything you do not understand or do not feel was made clear, I would love to work with you.

E. SUGGESTIONS FOR SUCCESS

For most students this will not be a "difficult" course. If you do the work assigned each week and understand it, you will be set for success. If you decide to not do your work or merely go through the motions and do not understand it, you could find yourself with a very difficult class.

SPRING 2010 WEEK BY WEEK SCHEDULE

January 13, 2011

Graphing from Chapters 1-7

January 20, 2011

Conic Sections, Part 1
Midpoint, Distance, Circles

January 27, 2011

Conic Sections, Part 2
Ellipses, Parabolas, Hyperbolas

February 3, 2011

Rational Expressions

February 10, 2011

Logarithms

February 17, 2011

EXAM over Units 1-3
with Guest Instructor

February 24, 2011

Graphing Rationals

March 3, 2011

Graphing Logarithms

March 17, 2011

Arithmetic Sequence & Series

March 24, 2011

Geometric Sequence & Series

March 31, 2011

EXAM over Unit 4

April 7, 2011

Probability (Units 12.1-12.5)

April 21, 2011

Statistics (Units 12.6-12.9)

April 28, 2011

Basic Trigonometry

May 5, 2011

Law of Sines and Cosines

May 12, 2011

EXAM over Unit 5