

**ALGEBRA II COURSE SYLLABUS**  
**SMITH PREP SPRING TERM 2010**  
**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: 9:00-11:00 THU

**A. DESCRIPTION**

This course is a primer on Algebra II. WE WILL 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 over 100% on this section of the grade.

**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 night 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. If you do not understand the homework one evening, call or email me, so I can help you with it.

# ***SPRING 2010 WEEK BY WEEK SCHEDULE***

January 7, 2010

Graphing from Chapters 1-7

January 14, 2010

Conic Sections, Part 1  
Midpoint, Distance, Circles

January 21, 2010

Conic Sections, Part 2  
Ellipses, Parabolas, Hyperbolas

January 28, 2010

Rational Expressions and Logarithms

February 4, 2010

Graphing Rationals and Logarithms

February 11, 2010

EXAM over Units 1-3

February 18, 2010

Arithmetic Sequence & Series

February 25, 2010

Geometric Sequence & Series

March 11, 2010

Probability (Units 12.1-12.5)

March 18, 2010

Statistics (Units 12.6-12.9)

March 25, 2010

EXAM over Unit 4

April 8, 2010

Basic Trigonometry

April 15, 2010

Law of Sines and Cosines  
***with Guest Instructor***

April 22, 2010

Graphing Trig (14.1-14.3)

April 29, 2010

Verifying Trig (14.4-14.7)

May 6, 2010

EXAM over Unit 5