

10075

Math 53

Intermediate Algebra

Spring 2010

Mymathlab Software Course ID: odegard68277

Course Progress: Students are expected to make significant course progress. Students who fall behind or fail to participate may be administratively dropped which could have financial implications.

Content: A study of algebra including real numbers, linear equations and inequalities, exponents, factoring, rational expressions, radicals, quadratic equations and functions. Emphasis is placed on manipulating literal equations, linear relations, graphing, functions and systems of equations.

Prerequisite: C or better in Math 56 or 54A&B or through assessment.

Units: Three units, Three hours (degree Applicable, non-transferrable).

Instructor: Dr. Barb Odegard

Office: ESTC 8-109

Office Phone: 530-938-5267

E-mail: odegard@siskiyous.edu (Please write Math 53 on the title so I know it isn't spam)

Office Hours: 8-8:50am MWF, 12-1pm MF and by appointment.

Textbook: None.

Software : We will be using Mymathlab. You will need an access code. It can be purchased at the COS bookstore or directly on the web at www.coursecompass.com where you should look in the box on the upper right side, under login, students, register. Our mymathlab course name is **COS Math 53 Spring 2010 On-line. Our course ID is odegard68277.** It is impossible for students to share the software or purchase "used" software.

Discussion Board and messages: We will be using ETUDES.

Etudes: **Check our Etudes site at least three times per week.** Etudes is our classroom for discussion and announcements. Just as a traditional Math 53 class meets 3 times a week, you should check our Etudes site for announcements and discussion.

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Class meeting time and location: Students are required on campus only 2 days for testing. See Test Due Dates below. Etudes will be our classroom. Check our Etudes site 3 times a week for announcements and discussion.

Homework Due Dates: See the mymathlab software for homework due dates.

Test Due Dates: See the mymathlab software for test due dates. Written Midterm and Final location and times available to be announced on our Etudes site. Distant students should make arrangements for testing at our locations in Happy Camp, Tulelake, Yreka or Dorris.

Class Ends : Class ends and the gradebook closes at midnight on May 18th. Any incomplete work or tests will be recorded as zero.

Course Progress: Students are expected to make significant course progress. Students who fall behind or fail to participate may be administratively dropped which could have financial implications.

Course Objectives: Upon successful completion of the course, the student should be able to:

Achieve with at least 70% accuracy on timed tests:

1. Use set notation and set operations.
2. Solve linear, absolute value, quadratic, rational and radical equations.
4. Solve linear systems.
5. Graph linear, quadratic and other functions.
6. Manipulate algebraic expressions involving exponents, quotients and radicals.
7. Use function notation.
8. Solve literal equations for any variable.
9. Evaluate formulas given values for the variables.
10. Use a calculator effectively.
11. Use proportional reasoning.

In addition, students should be able to check answers for accuracy and reality and follow a set of prescribed algorithmic steps.

Grades: Course grade will be calculated by a weighted average according to the table below. Also see GRADEBOOK on left side tool bar in mymathlab software.

Software homework (On-line)	30%
Practice Midterm exam (On-line)	10%
Midterm (written exam)	25%
Practice Final exam (On-line)	10%
Final Exam (written exam)	25%

A 100-90% B 89-80% C 79-70% D 69-60% F 59-0%

The Course: The mymathlab software contains lessons, video and audio, which will help you study and learn. Mymathlab is available via the web at www.coursecompass.com. You are encouraged to visit or call my office to receive individual help on software use or mathematical concepts. The Weed Math Lab is also available to you for this purpose. <http://www.siskiyous.edu/mathlab/hours.htm>

Discussion Board: We will be using ETUDES.

Cheating: Cheating includes but is not limited to working certification problems for others, copying or allowing someone else to copy on tests, glancing at another person's test, or tampering with the on-line grade book. Students who do not master the material will not be prepared for the next course. Students who cheat will receive an F for the course.

Withdrawals: The last day to drop is posted in the COS schedule. You must fill out and return the appropriate paperwork in the Weed campus registrar's office. Call Admissions and Records, 530-938-5272 for information.

Incompletes: Incompletes are given only in the case of critical illness and/or family tragedy after the last day to drop. Students must be passing and have completed 70% of the course when an incomplete is issued.

Calculators: Basic calculators and most graphing calculators are allowed on tests. Computer Algebra System calculators such as TI-92, TI-89 are not allowed on tests. Access to phones and internet is not allowed on written exams.

Accommodations: Students with special needs should contact DSP&Ss in Eddy Hall 1 on the Weed Campus or phone Linda at 530-938-5818. Students have the right to request reasonable modifications to college requirements, services, facilities or programs if their documented disability imposes an educational limitation or impedes access to requirements, services, facilities or programs. A student with a disability who requests a modification, accommodation, or adjustment is responsible for requesting necessary accommodations by identifying himself/herself to the instructor and, if desired, to the Disabled Student Programs and Services (DSP&S) office in Eddy Hall 1.

Students with a print disability—a visual or reading difficulty that limits access to traditional print materials—may request printed materials in alternate media. Examples of alternate media formats include electronic format (e.g., text on CD), Braille, tactile graphics, audiotape, and/or large print. Students can make alternate media requests through the Disabled Student Programs and Services (DSP&S) office in Eddy Hall 1, 938-5297.

Students who consult or request assistance from DSP&S regarding specific modifications, accommodations, adjustments, alternate text or use of auxiliary aids will be required to meet timelines and procedural requirements established by the DSP&S office.

Course Progress: Students are expected to make significant course progress. Students who fall behind or fail to participate fully may be administratively dropped which could have financial implications.

COS Math Lab: You are encouraged to use the math lab for extra help understanding concepts. Their number is 530-938-5365. See the left side tool for Math Lab Schedule Info or go to <http://www.siskiyou.edu/mathlab/hours.htm>

Math Lab Information

The Math Lab is located in the mezzanine on the south wing of the Learning Resources Center on the Weed Campus. <http://www.siskiyou.edu/mathlab/hours.htm>

The purpose of the math lab is to provide extra support for students needed help for their classes and is also a great place to meet and work problems with other students and instructors. There is always at least one instructor and usually a few student tutors present during the lab's hours of operation.

To use the math lab as your support hour, you must do the following:

- v Be enrolled in a math class
- v Logon to the timekeeper for every minute your are using the lab
- v Selected a desired support hour on the timekeeper
- v Logout of the timekeeper when you finish your time in the lab

Yes, just as with the computer lab you must register the hour you think you will be using the math lab. But you can use the lab anytime it is open; just remember to logon/logoff on the timekeeper. This is very important since this may have a direct correlation to the continued funding of the math lab.

In addition to the support hour, a student could enroll in Math 70A, 70B, 70C, or 70D and receive 0.5 credits. Each of these, starting first with Math 70A, allows a student to gain another 54 hours of help in the lab. These classes may be added throughout the semester as needed and would only be used once your maximum of 34 hours for the support hour has been reached.