

Math 351
Pre-Algebra Mathematics--Spring 2010
Tuesday and Thursday 1:00 p.m. to 2:20 p.m.
Revised 2/15/2010

Instructor: S. Sworder

Office: SM 365; Office Phone: (949) 582-4316

Office Hours: MW 10:30 am to noon; TTh noon to 1 pm;
Friday 9 am to noon

Website: www.saddleback.edu/faculty/ssworder

Textbook: Sworder. Preparing for the Adventure.

The textbook is a set of $8\frac{1}{2} \times 11$ inch pages that are three hole punched and shrink-wrapped with a green colored cover. The title is Preparing for the Adventure. The author is Sworder. Note that Sworder has shrink-wrapped textbooks for other courses in the bookstore. You want only the one with the green cover.

Students who successfully complete Math 351 will be able to:

1. demonstrate mastery of the computational skills necessary for them to succeed in Beginning Algebra.
2. demonstrate the critical thinking skills necessary to set up and solve word problems at the appropriate difficulty level.
3. demonstrate knowledge of and the ability to use geometric formulas to calculate perimeters, areas, and volumes.

Calculator: You will need a scientific calculator that has the ability to compute powers (look for a y^x or a \wedge key) for the homework and examinations in this course. Many fairly inexpensive calculators have this option and your instructor's personal recommendation is the standard model TI36 or TI36X by Texas Instruments. The standard model TI36 is preferred over the menu driven models such as the TI36-II. You may not use a graphing calculator, cell phone, computer, or any other communication device during the examinations in this course.

Food and Drink: Please do not bring food or drinks into the classroom. Please do not eat or drink anything while in the classroom

Cell Phones: Please turn off your cell phone, laptop, and other communication devices while you are in the classroom

Attendance: It is expected that you will attend class daily, arrive before the class starts, and not leave until class is dismissed. Unless you are receiving accommodations through the Special Services department, you must take the examinations when given to the class as a whole. You may be withdrawn from this class if you miss a chapter exam or miss 6 hours of class instruction. Please do not schedule appointments for or engage in other activities during the time this class meets. Please do not schedule personal or family vacations that will cause you to miss any of our class meetings.

Homework: Practice exercises are included in the textbook. After the classroom discussion of a particular section from the textbook, it is expected that you will do the practice exercises from that section before the next class meeting. These exercises will not be collected or graded, but some class time will be devoted to answering questions about them. If you do not need to do the homework, you should not take this class. If you do not plan to do the practice exercises because you feel you already know the material in this course, please drop this class now and schedule a placement test through the Matriculation Office that will allow you to enroll in a higher level math class.

Examinations: Five examinations will be given this term according to the following schedule. The first four exams are given during our regular class time, but the final exam is given at the special time shown below.

<u>Examination</u>	<u>Chapters from Text Covered</u>	<u>Day and Date</u>
1	Chapter 1	Tue., Feb. 9
2	Chapter 2	Tue., Mar. 9
3	Chapter 3	Thr., Apr. 15
4	Chapter 4	Tue., May 11
5	Chapters 1 through 4	Thr., May 20; 12:45 to 2:45 p.m.

The first four exams each cover one chapter and the last exam is a comprehensive final examination. The comprehensive final exam is optional, but the chapter exams are not optional. Each exam has a maximum score of 100 points.

Except as described below, the comprehensive final examination is optional. If you take the comprehensive final examination, that score will be used to replace the lowest score earned on the chapter exams you have completed. This replacement will take place even if the score on the comprehensive final is lower than the lowest chapter examination score. The grade on the comprehensive final examination does not replace the grade of 0 from a missed chapter exam, except as noted below.

A Missed Chapter Examination:

If you make the decision not to take a chapter exam, you should also withdraw from the class. If you miss a chapter exam due to an unforeseen emergency, you must contact the instructor as soon as possible and before the next class meeting. You may send an email or leave a phone message that describes the nature of the emergency and your desire to use your score on the comprehensive final exam to replace the score of zero from the missed chapter exam. You must make an appointment to meet with the instructor as soon as possible after you can return to class. At this meeting you will present to the instructor the completed homework and class notes for the chapter covered by the missed exam. The homework solutions must neatly show all of the reasoning leading to the answers. Simply listing the answers is unacceptable. The class notes must neatly show all of the examples presented in class. The instructor will evaluate these materials to determine if you had adequately prepared for the missed exam. If, in the instructor's judgment, you were prepared for the missed exam, your score on the comprehensive examination will be used in place of the score of zero on the missed exam when your course grade is calculated. If you do not follow the steps above or if, in the instructor's judgment, you were not prepared for the missed exam, your grade of zero on the missed exam will be used to determine your course grade. Please note, it is practically impossible to earn a grade of C or higher in this course, if one of the exam grades used to determine your final course grade is a zero.

Course Grade Determination: Your course grade is based on the points earned on the examinations. Each exam is worth 100 points and 4 exams count toward your grade and so there are 400 points possible in this class. Your course grade will be assigned as follows: A for 360 pts or above; B for 320 pts to 359.99 pts; C for 280 pts to 319.99 pts; D for 240 pts to 279.99 pts; F for fewer than 240 pts.

Schedule: Listed below are the sections from the textbook that we will cover this semester. Each is listed next to the date that the instructor will explain the material in that section during our class time. If the instructor is absent and class is dismissed, you should study the material scheduled for that day in depth and bring questions to the next class meeting. Every effort will be made to compensate for the lack of a class presentation on this material, but the schedule has no room for slippage. If class is dismissed on an exam day, the exam will be given at the next class meeting. You should study the material assigned for the subsequent class meeting, since there will be no class presentation on that section.

Day	Date	Section	Day	Date	Section
T	1/12	..... 1.1	T	3/16	..... No Class
Th	1/14	..... 1.2	Th	3/18	..... No Class
T	1/19	..... 1.3	T	3/23	..... 3.3
Th	1/21	..... 1.4	Th	3/25	..... 3.4
T	1/26	..... 1.5,1.6	T	3/30	..... 3.5
Th	1/28	..... 1.7	Th	4/1	..... 3.5
T	2/2	..... 2.1,2.2	T	4/6	..... 3.6
Th	2/4	..... No Class	Th	4/8	..... 3.7
T	2/9	..... Exam 1	T	4/13	..... 4.1
Th	2/11	..... 2.2,2.3	Th	4/15	..... Exam 3
T	2/16	..... 2.4	T	4/20	..... 4.2
Th	2/18	..... 2.5	Th	4/22	..... 4.3
T	2/23	..... 2.6	T	4/27	..... 4.4
Th	2/25	..... 2.7	Th	4/29	..... 4.4
T	3/2	..... 3.1	T	5/4	..... 4.5
Th	3/4	..... 3.1	Th	5/6	..... 4.6
T	3/9	..... Exam 2	T	5/11	..... Exam 4
Th	3/11	..... 3.2	Th	5/13	..... No Class
			T	5/18	..... No Class
			Th	5/20	..... Final Exam
					.. 12:45 to 2:45 p.m.