Course Outline
Math 0302 - 013
Spring, 2008

INSTRUCTOR: Matthew Hudock **OFFICE:** NTB 304

OFFICE HOURS:

Monday, Wednesday, Friday	7 am - 8 am (NTB 304)
Tuesday	Noon - 2 pm (NTB 304 or 307)
Thursday	10:30 am - 12:30 pm (NTB 304)
Monday, Wednesday, Friday	1 pm - 2 pm (NTB 304)

PHONE NUMBER: (210) 531-4884 (Mathematics Dept. (210) 531-3400)

FAX NUMBER: (210) 531-4675 **E-MAIL:** mhudock@mail.accd.edu

WEBSITE: www.countingbear.com

CLASSROOM/TIME: Tuesday, & Thursdays, 7:45 - 9 am, NTB 317

LECTURE NOTES: You will need to get the Math 0302 Lecture Notes, Spring, 2008 notebook (yellow cover) for this course. You can either purchase it from the bookstore or you can print it out from my website.

PERFORMANCE MEASURES: During the semester, there will be four in-class unit tests, twenty-five Mathzone assignments, and a comprehensive final exam. It is the Math Department policy that in order to pass this class, your overall average must be at least a 70%. Each test, including the final exam is worth 16 2/3% of your grade and your assignment average is worth 16 2/3%. The following scale will be used in assigning grades:

90% - 100%: A 80% - 89%: B 70% - 79%: C Below 70%: IP or F

In the event that you do not pass the class, you can receive an IP (In Progress) grade. The IP grade does not count against you in your GPA. You would still need to retake the course. In order to get an IP instead of an F in this class, you will need to satisfy both of these conditions:

1) You must take each and every in class unit test. This includes making a reasonable attempt on the majority of problems on each test.
2) You must complete the course work and show that you are making progress in learning the material.

TEST POLICY: All tests will be closed books and closed notes. They must be taken in one sitting and no help of any kind is allowed. All electronic devices must be turned off and put away during a test. You are only allowed to use a scientific calculator (I recommend the TI-30) when taking a test. If you need additional time than the allotted class time to take the test, you must make arrangements with the instructor to do so the class period before the test. If you perform poorly on a particular in class unit test or if you do not take a test, you will receive a chance to take a similar test to demonstrate that you have learned the material (See Below).

MAKE-UP/RE-TESTING POLICY: Please note that the Math Department considers a make-up test to be the same as a re-test. Before you can re-test or make-up a test, you will need to carefully and neatly rework the entire test on a separate piece of paper showing all the steps. Be sure to turn this in to your instructor and are approved for retaking a test **at least two business days** before you plan to re-test. If your work is correct, then the re-test will be scheduled. It is important that you master this material and so you should plan to take the re-test when you are ready. The grade on the re-test will replace your original test score, but only one re-test per test is allowed and the highest you can score is an 85%. No re-tests are allowed for the final.

CELL PHONES AND OTHER ELECTRONIC DEVICES: All cell phones must be turned off or put into vibrate mode during class. If you get a phone call that you must answer, quietly leave the room and then answer the call. All other electronic devices must be turned off and put away during class.

STUDENT RESPONSIBILITIES:

ATTENDANCE/TARDY POLICY: It is extremely difficult to learn if you miss the explanation of how the work is done. Attendance is required for the class and will be recorded during each time. In class, a sheet will be passed around at the beginning and **IT IS YOUR RESPONSIBILITY** to sign by your name. Failure to do this will result in you being recorded as being absent. You are expected to attend every class. If you accumulate absences equivalent to two weeks of class (one week during the summer), you may be dropped from this course for excessive absences unless extreme circumstances warrant otherwise **and** are brought to my attention in a timely manner. You are considered absent if 1) you do not attend class, or 2) you are more than 15 minutes late to class, or 3) you leave more than 15 minutes early.

TIME COMMITMENT: In order to be successful in this course, you need to spend time every day on the material. The rule for this type of course is to spend 3 hours outside of class for every hour in class. Since we meet for 3 hours a week, that translates into 9 hours you need to spend on the course outside of class per week. So, you will need to spend a minimum of 1 hour and 15 minutes a day on this course outside of class.

GETTING HELP: Seek help immediately if you do not understand something or cannot do the homework assignment. If you wait, you will not understand anything we are doing in class and you will get even more behind. It is absolutely critical that you keep up with the course since the material builds on itself. Do not be afraid to ask questions in class. The worst I will do to you is to ask you to see me after class. Also, remember you have several resources for getting help: the instructor, the tutors in the Math Lab in NTB 307, the tutors in NTB 116, and your classmates. Many students find a study group to be helpful as well. There is also a Math computer lab in NTB 305.

MATHZONE HOMEWORK ASSIGNMENTS: All of your homework assignments are in a course management system called Mathzone that comes with the textbook. The homework will consist of assignments based upon the textbook and there is a total of twenty-five assignments. At the end of the semester, the lowest 20% of your assignments will be dropped in calculating your assignment average. You can access Mathzone in the Math Lab (NTB 307) or using a computer with an internet connection. Your assignment average is worth 16 2/3% of the final grade. Instructions for accessing Mathzone will be provided soon. The instructor will provide you a code.

REVIEWS FOR THE TEST: The reviews will be assigned throughout the semester. Usually, they are longer and harder versions of the in-class unit tests. The reviews are open book and open notes and are to help prepare you for the test. Typically, we will go over the review the class period prior to the test.

MISSING CLASS: If you should miss class, it is **your** responsibility to get a copy of any notes and handouts given in class. A copy of the notes and handouts will be posted on my website. You are responsible for all material covered in class.

WITHDRAWING FROM THIS CLASS: If you decide to stop attending, it is your responsibility to withdraw from the course by the day posted in the Class Schedule. Otherwise, you will receive an "F" for the course.

GRADED PAPERS: Any test that is not collected from your instructor within two weeks of when it was returned to the class or by the final exam day will be destroyed.

Calendar

Week	Class Activity	Assignments
Week # 1	Orientation and Polynomial Review	Read Sect 3.1
	Polynomial Review	Complete and Submit
Jan 14 - Jan 20	Sect 3.1 - Rectangular Coordinate System	Mathzone Hwk #51
Week # 2	Sect 3.2 - Linear Equations In Two Variables	Read Sect 3.2 - 3.3
	Sect 3.3 - Slope of a Line	Complete and Submit
Jan 21 - Jan 27		Mathzone Hwk #52 & 53
Week # 3	Sect 3.4 - Slope-Intercept Form of a Line	Read Sect 3.4 - 3.6
	Sect 3.5 - Point-slope Formula	Complete and Submit
Jan 28 - Feb 03	Sect 3.6 - Applications of Linear Equations	Mathzone Hwk #54 - 56, Rev #1
Week # 4	Review for Test #1 over Ch 3	Read Sect 4.1
	Sect 4.1 - Solving Systems of Equations by the Graphing Method	Complete and Submit
Feb 04 - Feb 10	**Test #1 over Ch 3 on Thursday, Feb 07**	Mathzone Hwk #57
Week # 5	Sect 4.2 - Solving Systems of Equations by the Substitution Method	Read Sect 4.2, 4.3, & 9.4
	Sect 4.3 - Solving Systems of Equations by the Addition Method	Complete and Submit
Feb 11 - Feb 17	Sect 9.4 - 2x2 Determinants & 2x2 Cramer's Rule	Mathzone Hwk #58 - 60
Week # 6	Sect 4.4 - Applications of Linear Equations in Two Variables	Read Sect 4.4
	Review for Test #2 over Ch 4 and Sect 9.4	Complete and Submit
Feb 18 - Feb 24		Mathzone Hwk #61, Rev #2
Week # 7	Sect 6.1 - Greatest Common Factor and Factoring by Grouping	Read Sect 6.1
	Review for Test #2 over Ch 4 and Sect 9.4	Complete and Submit
Feb 25 - Mar 02	**Test #2 over Ch 4 & Sect 9.4 on Thursday, Feb 28**	Mathzone Hwk #62
Week # 8	Parts of Sect 6.3 & Sect 6.4, & Sect 6.5 - Factoring Special Products	Read Sect 6.2, 6.3, & 6.5
	Sect 6.2 & Sect 6.3 - Factoring Trinomials by Trial and Error	Complete and Submit
Mar 03 - Mar 09		Mathzone Hwk #66 & 63
Week # 9	Sect 6.2 & Sect 6.3 - Factoring Trinomials by Trial and Error	Read Sect 6.4
	Sect 6.4 - Factoring Trinomials by the AC Method	Complete and Submit
Mar 10 - Mar 16		Mathzone Hwk #64 & 65

Calendar

Week	Class Activity	Assignments
Spring Break Mar 17 - Mar 23	**No Class** **No Class** **No Class**	Review and Catch-up
Week # 10 Mar 24 - Mar 30	Sect 6.6 - General Factoring Summary Sect 6.7 - Solving Equations Using the Zero Product Rule.	Read Sect 6.6 & 6.7 Complete and Submit Mathzone Hwk #67 & 68, Rev #3
Week # 11 Mar 31 - Apr 06	Review for Test #3 over Ch 6 Sect 7.1 - Introduction to Rational Expressions **Test #3 over Ch 6 on Thursday, Apr 03**	Read Sect 7.1 Complete and Submit Mathzone Hwk #69
Week # 12 Apr 07 - Apr 13	Sect 7.2 - Multiplication and Division of Rational Expressions Sect 7.3 - Least Common Denominator Sect 7.4 - Addition and Subtraction of Rational Expressions **Last day to retake tests 1 & 2 is Friday, Apr 11**	Read Sect 7.2 - 7.4 Complete and Submit Mathzone Hwk #70 - 72
Week # 13 Apr 14 - Apr 20	Sect 7.5 - Complex Fractions Sect 7.6 - Rational Equations Sect 7.7 - Applications of Rational Expressions & Proportions	Read Sect 7.5 - 7.7 Complete and Submit Mathzone Hwk #73 - 75, Rev #4
Week # 14 Apr 21 - Apr 27	Review for Test #4 over Ch 7 **Test #4 over Ch 7 on Thursday, Apr 24**	Review and Catch-up
Week # 15 Apr 28 - May 04	Review for the Final **Last day to retake tests 3 & 4 is Thursday, May 01**	Course Review
Week # 16 May 05 - May 11	Final Exam is on Thursday, May 8 from 8 - 9:50 am in NTB 317	

ST. PHILIP'S COLLEGE
One of the Alamo Community Colleges

STUDENT QUICKSTART GUIDE

First Time Registration

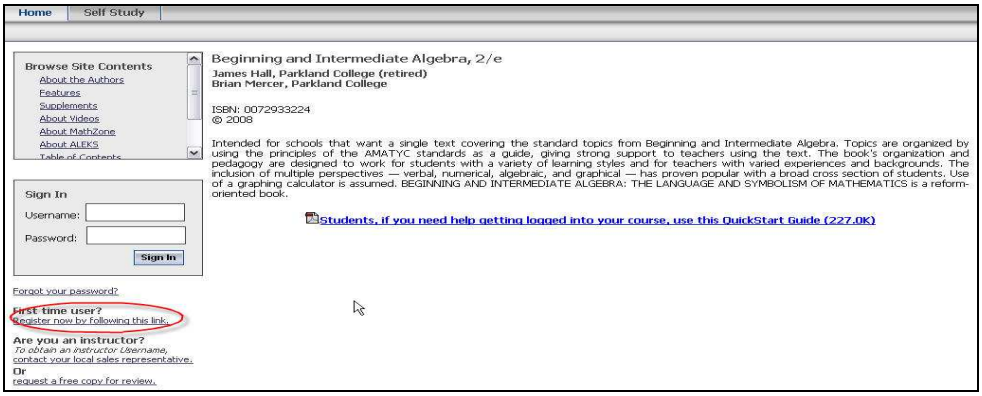
1. Go to www.mathzone.com and from the drop-down menu, choose the book you are using in your course.

Miller/O'Neill/Hyde Beginning and Intermediate Algebra 2e

Click on the link *"Register now by following this link"* beneath the sign in box and under where it says "First Time User?"

2. Click on the link "I am a *Student."*
3. Click on the link "I have a registration code that came with my book."
4. Enter the registration code provided to you by your instructor.

Use CAPS lock to enter code. Turn it off when done.



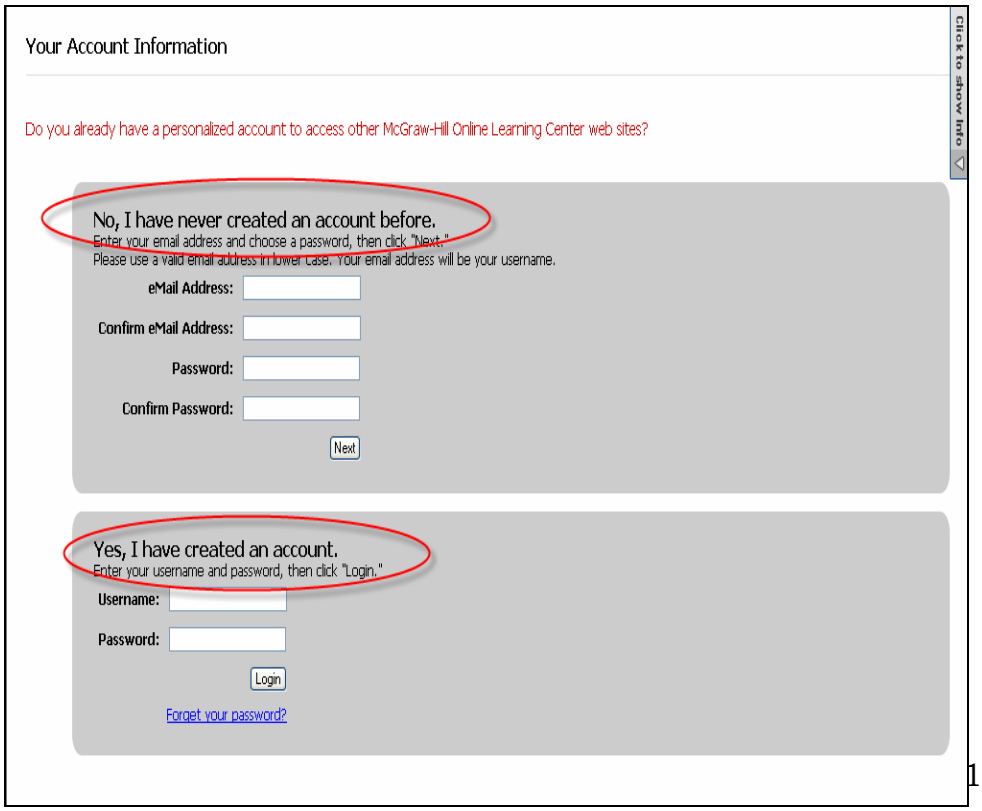
Your Account Information

In the "*No, I have never created an account before"* section, enter your e-mail address and create a password. You will use this information, rather than the registration code, as your future username and password to gain access to the course, so you might want to record it here:

Your Email (Username):_____

Your Password: _____

Click the *Next* button. You will be taken through a series of screens where you will need to provide basic personal information. Then click the *Create Account* button. Next you will see a *Thank You* page. On that page, click on either of the two blue *Student Edition* links.



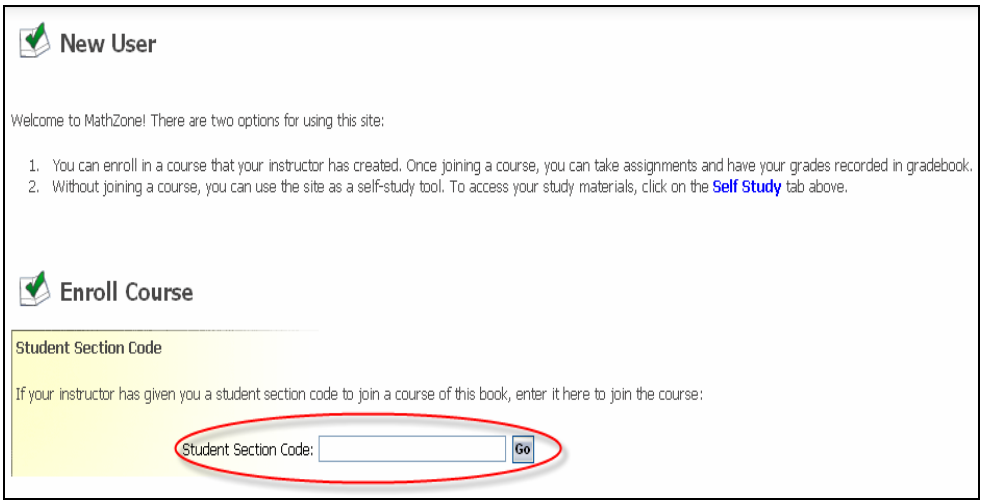
Section Code

You are now at the home page of the Student Edition. In the *Section Code* box towards the bottom of the screen, you will need to enter the section code that your instructor has given you. **Turn on CAPS lock to enter the Student Section Code. Turn off when done**. Write down your section code here:

Section Code:

7BA-A3-A98

Then click the *Go* button.



Assignments/Navigation

You are now participating in your instructor's course. Any current assignments will show up on this home screen along with their due dates. Your instructor may also post announcements on this page.