Course Outline
Math 0303 - 004
Summer, 2008

INSTRUCTOR: Matthew Hudock **OFFICE:** CE 103

OFFICE HOURS: Monday - Friday 8:50 am - 9:20 am (Library)
Monday - Friday 1:15 - 1:45 pm (Library)
Monday - Thursday 5:15 pm - 6:30 pm (CEB 103)

PHONE NUMBER: (210) 531-3400

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

WEBSITE: www.countingbear.com

CLASSROOM/TIME: Monday – Friday, 11:30 - 1:10 pm, SLC 209

LECTURE NOTES: You will need to get the Math 0303 Lecture Notes, Summer, 2008 notebook (red 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, thirty-two Mathzone assignments (lab activity grade), five reviews for the tests, 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 13 1/3% of your grade, your review average is worth 13 1/3% and your lab activity grade is worth 20%. 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 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. The tests must be taken on the day they are schedule. At the end of the semester, there will be an opportunity to make-up one test during class.

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. With an exception of a calculator, 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 the lab 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 8 hours a week, that translates into 24 hours you need to spend on the course outside of class per week. So, you will need to spend a minimum of 3 hours 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 CEB 105, the tutors in ASB 219, and your classmates. Many students find a study group to be helpful as well. There is also a Math computer lab in CEB 107.

Mathzone LAB ACTIVITY: When you registered for this course, you also registered for a lab that meets outside of class two hours a week. The lab uses a course management system called Mathzone that comes with the textbook. All your homework assignments are in Mathzone. The homework will consist of assignments based upon the textbook and there is a total of thirty-two assignments. At the end of the semester, the lowest 20% of your assignments will be dropped in calculating your lab average. Be aware that you will need to spend additional time outside of your lab time to complete your assignments. You can access Mathzone using a computer with an internet connection outside of school. You can also use the computer lab during open lab times. The lab average is worth 20% of the final grade. Instructions for accessing Mathzone will be provided during your first lab meeting.

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. The reviews are due at the beginning of the test. Your review average will count as one test grade. No papers will be accepted late, but I will drop your lowest score at the end of the term.

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 Jun 09 - Jun 15	Orientation & Elementary Algebra Review Sect 8.1 – Introduction to Relations Sect 8.2 – Introduction to Functions Sect 8.3 – Graphs of Functions Sect 13.1 – Algebra of Functions Sect 13.2 – Inverse Functions Review for Test #1 over Sect 8.1 - 8.3, 13.1 & 13.2	Read Ch 8, 13.1 & 13.2 Complete and Submit Mathzone Hwk for wks #1 & #2 by Saturday, Jun 14 Review #1 due Monday, Jun 16 at the beginning of the test.
Week # 2 Jun 16 - Jun 22	**Test #1 over Ch 8, 13.1 & 13.2 on Monday, Jun 16** Sect 10.1 – Compound Inequalities Sect 10.2 – Polynomial and Rational Inequalities Sect 10.3 – Absolute Value Equations Sect 10.4 – Absolute Value Inequalities Sect 10.5 – Linear Inequalities in Two Variables Sect 11.1 – Definition of the nth Root Sect 11.2 – Rational Exponents Review for Test #2 over Ch 10	Read Ch 10, 11.1 & 11.2 Complete and Submit Mathzone wks #3 - #6 by Saturday, Jun 21 Review #2 due Monday, Jun 23 at the beginning of the test.
Week # 3 Jun 23 - Jun 29	**Test #2 over Ch 10 on Monday, Jun 23** Sect 11.3 – Simplifying Radical Expressions Sect 11.4 – Addition and Subtraction of Radicals Sect 11.5 – Multiplication of Radicals. Sect 11.6 – Rationalization Sect 11.7 – Radical Equations Sect 11.8 – Complex Numbers Sect 12.1 – Square Root Property and Completing the Square Review for Test #3 over Ch 11	Read Sect 11.3 - 12.1 Complete and Submit Mathzone wks #7 - #10 by Saturday, Jun 28 Review #3 due Monday, Jun 30 at the beginning of the test.

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Week	Class Activity	Assignments
Week # 4 Jun 30 - Jul 06	**Test #3 over Ch 11 on Monday, Jun 30** Sect 12.2 – Quadratic Formula Sect 12.3 – Equations in Quadratic Form Sect 12.4 – Graphs of Quadratic Functions Sect 12.5 – Vertex of a Parabola and Applications Sect 13.3 – Exponential Functions Review for Test #4 over Ch 12 Sect 13.4 – Logarithmic Functions **College Holiday (no class) on Friday, Jul 04**	Read Sect 12.2 - 12.5, 13.3 & 13.4 Complete and Submit Mathzone Wks #11, #12, #14 by Saturday, Jul 05 Review #4 due Monday, Jul 7 at the beginning of the test.
Week # 5 Jul 07 - Jul 13	**Test #4 over Ch 12 on Monday, Jul 07** Review over Sect 13.3 & 13.4 Review for the Final **Test Amnesty Day is Wednesday, Jul 09** Review for the Final Final Exam is on Thursday, July 10 from 11:30 - 1:20 pm in SLC 209	Review #5 due Wednesday, Jul 9 at the beginning of class. Course Review