

Central Texas College
College Algebra
Math 1414
Summer I, 2011
Instructor: Kubrom Teka
E-mail: khdeka@yahoo.com

TEXT: College Algebra, Central Texas College edition, taken from: College Algebra, 5th edition by Robert Blitzer and Intermediate Algebra, 5th edition by Elayn Martin-Gay.

CALCULATOR: A TI- 83 or TI-84 is sufficient.

METHOD OF INSTRUCTION: The course will consist of lectures, quizzes, in class problems, group work and homework. Lectures will include theory and examples of problems similar to those that students will be expected to complete. Quizzes will be given to reinforce homework assignments. Problems will be given during class for students to work on individually or with a partner to further understanding of lecture material. The class will include group activities requiring discussion and individual practice. The entirety of the class time will be used for instruction and in class work. Homework will be assigned for every class and will be due at the beginning of the next class meeting.

GRADING AND EVALUATION: 600 points will be available for the semester divided between in class activities, home work, quizzes and tests.

Grading scale: A: 90%, B: 80%, C: 70%, D: 60%, F: < 60%

In Class Activities: About 10% of total grade.

- Each day 15 points will be available for in class activities.
- In Class activities will consist of problems or projects students will complete in class either individually or in a small group
- These points cannot be made up

Home work: About 30% of total course grade.

- 30 points will be available for each home work assignment
- On the home work due date, representative problems from each assignment will be chosen by the instructor and will be graded by the students. 15 points will be given for home works that are **complete and display relevant work**. 15 pts will be given for each home work that has been graded and corrected in red pen. Please bring a red pen to class.
- Grading of assignments can only be done in class on the home work due date.
- Late home work will not be accepted.

Tests: About 60% of total course grade

- There will be one mid term worth 100 pts on **July 2, 9:00 am- 10:15 a.m.**
- A comprehensive final exam worth 200 pts on **July 30, 9:00a.m-11:00a.m.**

Attendance: Regular and punctual attendance is expected. Failure to attend, tardiness and early departure will jeopardize in class activity points. In class work including correcting homework and group projects cannot be made up.

General Information:

- **Scholastic Honesty:** All students are required and expected to maintain the highest standards of scholastic honesty in the preparation of all coursework and during examinations. The following are considered examples of scholastic dishonesty:
 1. **Plagiarism:** The taking passages from the writing of others without giving proper credit to the source.
 2. **Collusion:** Using another's work as one's own, or working together with another person in the preparation of work, unless such joint preparation is specifically approved in advance by the instructor.
 3. **Cheating:** Giving or receiving information on examinations.

Students guilty of scholastic dishonesty will be administratively dropped from the course with a grade of "F" and subject to disciplinary action, which may include suspension and expulsion.

- **Academic Accommodation:** Any student with disability who needs accommodation in this course should contact the instructor immediately.

Sumer I, 2011 College Algebra Assignment and Due Dates (Tentative)

Week	Section	Topic	Home work Assignment	HW Due date
Week 1	5.1, 5.2, 5.3, 5.4	Exponents, Scientific Notation	P.263 # 50,53,70 P.269 # 28-56 multiples of 3 P.270 # 83,103 P.290 # 53, 74	June 11
Week 2	5.5,5.6, 5.7	GCF, Factoring	P.296 # 35, 38,44, 48,50,72,78 P.304 # 43-61 multiples of 3 P.311 # 36, 46, 55	June 18
Week 3	7.1,7.2,7.3 2.1*	Radicals, Basic Functions	P.419 # 20,23,42 P.427 # 41,47,60,85,92 P.435 # 10,38 P.210* # 2,6,7,27,30,56,58,63	June 25
Week 4	2.3*,2.4*,2.5*,2.6*	Linear Functions, Slope, Transformations, Combinations	P.239* #2,6,9,14,32,44 P.251* #19,22 P.266* # 17,20,32 P.280* #39,56	July 2
Week 5	Review 3.1*	Mid Term: April 30, 9:00-10:15a.m Quadratic Functions	P.324* #2,4,39,42,44	July 9
Week 6	3.2*,3.3*,3.4*	Polynomials, Polynomial division, Zeros of Polynomials	P.338* # 2,8,28,31 P.350* # 3,12,24,37 P.361* # 1,6,20	July 16
Week 7		Review		July 23
Week 8	Final Exam : July 30 , 9:00a.m – 11:00a.m			

* taken from the second part of the text book.