

**Fall 2008 SEMESTER, MATH 102 section 501
ALGEBRA (3 credit hours)**

INSTRUCTOR: Donka Lazarov, Department of Mathematics
OFFICE: Blocker 607, 845-1421; e-mail: dlazarov@math.tamu.edu (use this one only !)
TIME: TR 3:55 – 5:10 am
CLASSROOM: HELD 109
OFFICE HOURS: TR 2:30 – 3:30 am or by appointment
TEXT: *Fundamentals of College Algebra* by Swokowski/Cole, 11-th edition.

COURSE DESCRIPTION: Topics to be covered include: structure of number system, absolute value, equations of second and higher degree, systems of equations, solution sets of inequalities, relations and functions, graphical representation, exponents, logarithms, arithmetic and geometric sequences, matrices and determinants. The textbook provides a highly readable student oriented presentation of the material.

EXAMS:

Exam 1: Thursday, September 25, 2008
Exam 2: Thursday, October 23, 2008
Exam 3: Thursday, November 20, 2008
Final Exam (comprehensive): Tuesday, December 9, 2008 at 1:00 – 3:00 pm

GRADING POLICY:

There will be 4 scheduled major exams. Also, there will be 5 homeworks and 4 quizzes alternating through the schedule. All 4 exam grades, 4 homework grades, and 3 quizzes grades will count toward the final grade. Therefore you can miss one quiz and one homework during the semester. If you have taken all 4 quizzes and presented all 5 homeworks, one of the quizzes and the homeworks with the lowest grade will be dropped.

The grading will be as follows:

Exam 1 - 100 points
Exam 2 - 100 points
Exam 3 - 100 points
Final Exam - 160 points (comprehensive)
Homeworks and Quizzes - 140 points
(each homework or quiz is worth 20 points)
Total: 600 points

Your grade will be computed as follows:

A 540 - 600 points (90 % and above)
B 450 - 539 points (75 - 90 %)
C 360 - 449 points (60 - 75 %)
D 300 - 359 points (50 - 60 %)
F below 300 point (below 50 %).

GENERAL POLICIES:

Instructions for homeworks, quizzes, and exams:

- (1) place your name and ID number in the upper right corner of each sheet;
- (2) place problems in the order assigned and separate them with a horizontal line;
- (3) label each problem with the page and problem number;
- (4) work out the problems; the answers only will not be accepted;
- (5) staple the sheets of paper; the grader is nor responsible for lost sheets;
- (6) circle the answer.

Homeworks and quizzes: Assignments, quizzes, and other in-class activities will be announced in class. Information about HW and Q will be sent to your neo-account. The homeworks and the quizzes are graded by a grader. There will be some unannounced quizzes. The instructor grades the exams. A calculator is needed. There will be a review session before each exam. The room and time will be announced in class. I strongly recommend your attendance.

Makeups: No makeups for homeworks and quizzes. Makeups for the exams will be given only in case of an absence authorized under the University Regulations. You will need a note from your doctor or academic advisor. If you know in advance that you will miss an exam, please contact me beforehand, preferably by e-mail, or else by telephone. The make-up exam should be scheduled within a day after the missed exam. Please, leave your phone number and the e-mail address at which you can be reached. Always bring your student ID card with you to exams.

Resources Outside the Classroom: You are encouraged to utilize my office hours, review sessions, or obtain a tutor. Help sessions (if any) will be announced by the Department of Mathematics. Usually, a list of tutors is maintained in Milner room 102 and Blocker, room 602.

Americans with Disabilities Act (ADA) Policy Statement: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities.

If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>.

Academic Integrity Statement and Policy:

The Aggie Honor Council Rules and Procedures from the Aggie Honor System Office are on the web. The essence is "An Aggie does not lie, cheat or steal, or tolerate those who do".

Tips: I suggest you obtain students solution manual by J.A. Cole available in the book store. This author-prepared manual contains detailed solution for nearly all the odd- numbered exercises, as well as the strategies for solving additional exercises.

Attend every scheduled class. If you have to miss a class, borrow the notes from another student and make a copy. Do your homework assignments. When I hand back a graded exam, homework, or quiz, be sure to make corrections to any problems you missed.

Come to class prepared: have a notebook just for this class; since the lectures could move with a rapid pace read the sections we are going to cover for the day before the scheduled class; when reading the textbook, do not read just the examples, the entire section is important in your understanding of the material.

In learning mathematics it is very important to solve problems. It is recommended that you first read the section in the textbook and then do the practice problems right after we finish each section. You should not restrict your work to the assigned homeworks only. Solve as many problems as you need to get a confidence that you have mastered the material.

Please, do not disturb the class by coming later or leaving earlier; if you need to leave the class earlier, please take a seat near the door.

REQUIREMENT OF THE DEPARTMENT OF MATHEMATICS

Material to be covered by SECTIONS:

Week 1	Chapter 1 review, 2.1	Week 9	4.5, 4.6, 5.1
Week 2	2.2, 2.3, 2.4	Week 10	5.2, 5.3, 5.4
Week 3	2.4, 2.5, 2.6	Week 11	5.4, 5.5, 5.6
Week 4	2.7, 3.1, 3.2	Week 12	6.1, 6.2, 6.3, 6.5
Week 5	3.3, 3.4, 3.5	Week 13	6.6, 6.7, 6.8
Week 6	3.6, 3.7	Week 14	6.9, 7.1, 7.2
Week 7	4.1, 4.2	Week 15	7.3
Week 8	4.3, 4.4		