MAT 104 – College Algebra Course Syllabus
Tuesday, Thursday (09:25 – 10:40) / Walters 282
Fall 2006

COURSE DESIGNATION
MAT 104, College Algebra. Review of the fundamentals of algebra; linear and quadratic equations and inequalities; functions and graphs; systems of equations and inequalities; exponential and logarithmic functions; and theory of equations. A student who has earned credit in MAT 106 cannot receive credit for this course. Prerequisite: 2 years of high school algebra or equivalent. (3 credit hours)

TEXT

INSTRUCTOR
Mack Smith          Email: msmith@deltastate.edu          Walters 270-G          Office Phone: 846-4517

General Course Objectives
Upon completion of the course, the student will be able to:
1. Simplify algebraic expressions.
2. Solve and graph linear and quadratic equations and inequalities.
3. Solve applied problems.
4. Describe and define a function.
5. Find the equation of a linear function given conditions.
6. Identify the domain and range, sketch the graph, find the zeros and compute the inverse of a function.
7. Simplify exponential and logarithmic expressions and solve equations.
8. Solve systems of equations.

TUTORING SERVICE
Free tutoring will be available in the Mathematics Department for students who need help outside of class. Hours when tutors are available will be given to the students and posted on the door of the tutor room, Walters 278.

GRADING AND EVALUATION
1. Unannounced quizzes may be given throughout the semester (based on homework assignments).
2. Four scheduled tests will be given during the semester.

The final grade will be the average of all tests, and the final exam (all equally weighted).

Graduating seniors should notify me as soon as possible of their status as seniors.

Grades will be assigned according to the following scale:
A (90 – 100)       B (80 – 89)       C (70 – 79)       D (60 – 69)       F (Below 60)

Cheating and plagiarism are not tolerated. If it is established that a violation has occurred, the instructor may determine the penalty, or he/she may report the offense to the department chair and dean of the school. The usual penalty involves a grade of zero on the test, examination or paper in question.

CLASS ATTENDANCE
Prompt and regular attendance is necessary for success in this course. To receive credit in this course, you must attend a minimum number of the class meetings. Classes meeting three times per week will be allowed a total of 7 absences, excused and unexcused. If you exceed the allowable number of absences, a grade of “F” will be assigned as the final grade in the course. To be counted present, you must arrive on time for the class and remain in class the entire time. When you are tardy for class, it is your responsibility to request that I change the recorded absence to a tardy. This must be done on the day the tardy occurs. A maximum of 3 tardies will be allowed without consequences. Each additional pair of tardies will be recorded as an unexcused absence.
CLASSROOM POLICIES AND MAKE-UP TESTS
1. **Do NOT** go to SLEEP in this CLASS!!!
2. Do not use tobacco or eat in the classroom.
3. Do **come to class on time** and be prepared to begin class at the scheduled time.
4. Do not ask to leave class early. Schedule all appointments at times that do not conflict with class time.
5. Cell Phones and Pagers must be turned off during class. Cell Phones may not be used as calculators.
6. Calculator use is permitted during all classes and tests.
7. Scheduled tests will be announced at least a week prior to the actual test date.
8. Be sure to **show all work on tests**. No partial credit will be given if the work is not shown in detail.
   “**Answers only**” will not be accepted.
9. Come to my office for help during scheduled office hours. No appointment is necessary. It is extremely important that you understand the material and are able to complete the homework assignments for each class prior to the next class. Tutoring is also available in Walters 278.
10. You must expect to practice assigned problems until you understand them.
11. Make-up tests will be given only to those students presenting a written excuse, acceptable by the university. Any absence from scheduled work must be covered by a written excuse by the Vice President for Academic Affairs, the Student Health Service, or a doctor before the student is allowed to make up that work. **All make-up must be completed within three days of the originally scheduled test.**
12. Buy a scientific calculator or graphing calculator early in the semester and learn how to use it. Do not expect me to know how to use your calculator without the manual. Please do not ask to borrow a calculator from me or one of your classmates on test day since rarely do two calculators operate exactly the same. **BRING YOUR CALCULATOR TO CLASS EVERY DAY.**

IMPORTANT DATES
If you plan to **audit** this course, you must notify me by August 27, 2006. August 28 is the last day that a course may be added to your schedule; this includes changes from one section to another within the same course. Students who remain in the course after September 18, 2006, and who elect to drop the course will receive a grade of **W if passing or F if failing** the course at the time of the drop. The withdrawal process in not complete until the drop slip has been signed by all designated parties and the completed form has been turned in to the Registrar’s office. **No course on campus may be dropped after November 9, 2006.** The comprehensive final exam for this course is scheduled for December 4, 2006 at 8:00 am.

OFFICE HOURS

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**Other Times by Appointment**
TENTATIVE TEST SCHEDULE and MATERIAL
Please note that this is only tentative and is subject to change during the semester

TEST #1
Section R
Section 2.1
Section 5.1

TEST #2
Chapter 1

TEST #3
Section 4.1
Chapter 2

TEST #4
Chapter 4
Section 3.6