Course Description:
An undergraduate mathematics course designed to prepare students to pursue degrees in mathematics, business, or the sciences. Topics include: quadratic equations and inequalities; polynomial, rational, exponential, and logarithmic functions; graphing functions; inverse functions; zeros of polynomial and rational functions with approximation techniques; solving systems of linear equations, linear inequalities, and non-linear equations.

Textbook:
Gareth Williams

Calculator Requirement:
A graphing calculator is required. I strongly recommend a TI of some kind. (The TI 83 or 84 are very user friendly.) An excellent website on learner to use your TI calculator can be found at: http://www.prenhall.com/divisions/esm/app/calc_v2/

Grading:
Grades will be determined from the following areas:

- Daily Quizzes: 55%
- Chapter Tests: 45%

Grades will NOT be posted. Come see me anytime for your current grade.

A = 100% – 90%  B = 89% – 80%  C = 79% – 70%  D = 69% – 60%  F < 60%

Homework:
Homework will be assigned after each lecture but the amount to be done will be chosen by the student. Homework grades will be determined by short daily quizzes at the beginning of each class period over the previous section. No work shown = No credit given! No makeup quizzes will be given!

Final: Tue., Dec. 11th @ 3:00 pm

Absences:
You are responsible for all material presented in class, including announcements about course procedures, exam dates, etc…. Attendance records will be kept through the daily quizzes. Unless there is a compelling and documented reason not to do so, students who miss more than 6 days WILL BE dropped with a grade of F.

No Class
There will be NO class on the following dates:
Integrity:
I expect all students to refrain from all forms of academic dishonesty, and to act responsibly when confronted with the knowledge of such behavior. Depending on the severity of an infraction, academic dishonesty may result in a grade of F for a quiz/exam, a grade of F for the course, or suspension from the university.

Disabilities:
The university is subject to and endorses both the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973. To request modifications or accommodations due to a disabling condition, or for a copy of the University policy concerning modifications or accommodations, contact the General Counsel, Room 308, Womack Hall, HSU Box 7744, 1100 Henderson Street, Arkadelphia, AR 71999, phone 870-230-5089.

Tips for Success:
1. Read the textbook. This will provide a second presentation of the material covered in class.
2. Solve problems. Mathematics is a performance discipline just like athletics or music. It is not a subject that can be learned solely through reading, regular practice is required. Work through the examples for the current chapter in the textbook and as many additional odd numbered exercises at the end of each chapter as possible for which the answers are provided.
3. Get help. If you have tried steps one and two and are still having problems, get help. A tutoring schedule will be posted This service is free. Talk to your professor. Your difficulties are probably not as big as you think.
4. Take good notes. The tests are based on the class notes as well as homework.
5. For the ambitious students, recopy your notes after each lecture. Understanding may not come during class because information is coming hard and fast, but valuable insight often occurs as you go over the material again. This is also an excellent tool in preparing for tests.