Prerequisite: Honors eligibility, and placement into the course via ACT score/MPE exam or via MATH 096 with a B or better.

Professor: Dr. David K. Neal  
TCCW 315  
745-6213  
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Office Hrs: MWF 4:30 – 5:30; TR 1:00 – 2:15; or by appointment.

Text: No textbook is required.

Course Description: MATH 116 is a general education mathematics course that covers the fundamentals of college algebra, including linear functions, quadratic functions, exponential functions, and logarithmic functions. This Honors section also will include historical and current applications of algebra.

The course does not count as credit toward a mathematics major or minor, but it does satisfy the General Education Math requirement in Category D-2. Together, MATH 116 and MATH 117 are equivalent to MATH 118.

Gen. Ed. Disclaimer: The General Education goal of this course is to provide students with the ability to understand and apply mathematical skills and concepts. After completing MATH 116, students will be able to use fundamental mathematical reasoning principles; use graphical, symbolic, and numeric methods to solve practical problems; and interpret information presented in tables or graphical displays.

Calculator: The TI-83/84 is the recommended calculator for the course. Some calculations will be done specifically with the built-in TI-83/84 functions.

Students are not allowed to use their calculators to view stored “formula sheets” during tests. Doing so will result in an F in the course, dismissal from the class, and documentation on your transcript.

In this course, you should strive for perfection. Although perfection is not attainable, in the pursuit of that goal you will achieve excellence. You should accept nothing less of yourself in any of your endeavors.

Grades will be dependent on class average and attendance as follows:

Assignments/Quizzes: 20%  Three Tests: 20% each  Final Exam: 20%  
A – at least a 95% average and no more than one absence  
B – at least an 85% average and no more than one absence  
C – at least a 75% average and no more than one absence  
F – Below a 75% average, or two or more absences

Test 1: Thur Sep 20  
Test 2: Tue Oct 23  
Test 3: Tue Nov 20  
Final Exam: Tuesday December 11, 1:00 – 3:00 PM.
Assignments  There will be weekly assignments that are to be turned in for a grade. Students are expected to do their own work; plagiarism and allowing plagiarism are not allowed and will result in a grade of 0 for the assignment. Late homework will not be accepted.

There will be several in-class assignments for which teamwork is allowed.

Quizzes  There may be several quizzes throughout the semester.

Tests  Each test will be based on class lectures and assigned homework. Details of the tests will be outlined several days in advance. The exams will be closed-book with no formula sheets allowed. A certain portion of each exam may be so that no calculators are allowed.

Make-Up Policy
Students are expected to take each test on the day that it is scheduled. Students will not be allowed to take tests early or late. No make-ups will be given and a missed test will result in a grade of 0 for that test. There are no exceptions to this policy.

Attendance Policy
Registration in this course obligates the student to be regular and punctual in class attendance. If you wish to earn three credits, then you must attend class.

Withdrawal Date
October 16, 2007 is the last day to withdraw from the course with a grade of W or to change enrollment from credit to audit.

Disability Services
Students with disabilities who require accommodations, academic adjustments, and/or auxiliary aids or services for this course must contact the Office for Student Disability Services in DUC A201. The OFSDS telephone number is 745-5004 (or 745-3030 TTY). Please do not request accommodations directly from the professor without a letter of accommodation from the Office for Student Disability Services.

Please feel free to see me if you ever need any other help with the class or if you’d like to discuss any other matter. Good luck in the course!