MATH 116 – 23621  
College Algebra  
MWF 11:30 – 12:25  
Spring 2006  
TCCW 301

3 credit hours

Prerequisite  MATH 100 with a B or better; or placement into the course via ACT score and MPE exam.

Professor  Dr. David K. Neal  
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Office Hrs  MWF 9:00 – 10:15; TR 4:30 – 5:45; or by appointment.

Course Description  MATH 116 is a general education mathematics course that covers the fundamentals of college algebra, including linear functions, quadratic functions, translations of functions, exponential and logarithmic functions, and miscellaneous applications.

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.

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  Graphing calculators will not be allowed on tests. In particular, students are not allowed to use calculators to view stored “formula sheets” during tests. Doing so will result in a grade of 0 for the test, an F in the course, dismissal from the class, and documentation on your transcript.

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

Quizzes: 10%  
Four Tests: 17.5% each  
Final Exam: 20%

A – at least a 90% average and no more than three absences  
B – at least an 80% average and no more than three absences  
C – at least a 70% average and no more than three absences  
D – at least a 65% average and no more than three absences  
F – Below a 65% average

Students having more than three absences will receive a reduction in letter grade. Excessive absences (more than five) will constitute failure of the course.

Homework  Study sheets with exercises will be given daily but will not be collected or graded.

Quizzes  There will be a total of 10 quizzes throughout the semester, usually at the end of each week.
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.

The tests are scheduled as follows:

**Test 1**: Fri Feb 10  **Test 2**: Mon Mar 6  **Test 3**: Fri Mar 31  **Test 4**: Fri Apr 21

**Final Exam**: Thursday May 11  10:30 AM – 12:30 PM

Make-Up Policy

Students are expected to take each test on the day that it is scheduled. If a student cannot take an exam as scheduled, then the student is required to make a prior arrangement for a make-up. Failure to do so will result in a grade of 0 for the exam. There are absolutely no exceptions to this policy.

Students may re-schedule an exam only if they have a valid, documented reason for the absence. “Feeling sick” is not a valid reason unless the student requires hospitalization or immediate medical attention. In those cases, the student is required to have a doctor's written opinion that details the necessity of the medical treatment.

Withdrawal Date

March 10, 2006 is the last day to withdraw from the course with a grade of W or to change enrollment from credit to audit.

Mathematics Tutor Lab

Tutors are available in the **Math Lab** in TCCW 125A for free extra help in the class. The Lab is open M – Th 8:30 – 4:30 and Fr 8:30 – 2:00.

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 help with the class or if you’d like to discuss any other matter. Good luck in the course!