Prerequisite  Honors Eligibility and placement into the course via ACT score and MPE exam or via MATH 096 with a B or better

Professor  Dr. David K. Neal         TCCW 315          745-6213
david.neal@wku.edu    http://www.wku.edu/~david.neal/

Office Hrs      MWF 10:15 – 11:30; TR 1:00 – 2:20; 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, 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.

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. However, 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/Assignments, Four Tests, Final Exam – Each 1/6 of grade

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

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

Homework  Exercises will be assigned daily. Some may be required to be turned in for a grade

Quizzes  There will be several announced quizzes throughout the semester, but no more than one a week.

Updated, 8-14-06
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 tentatively scheduled as follows:

Test 1: Mon Sep 18   Test 2: Wed Oct 11   Test 3: Wed Nov 1   Test 4: Mon Nov 20

Final Exam: Friday Dec. 15, 10:30 – 12:30 PM.

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.

Withdrawal Date

October 17, 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!

Updated, 8-14-06