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

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

Office Hrs: MW 9:00 – 10:00 and 12:15 – 1:15; TR 11:00 – 12:30; F 9:00 – 10:00; 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: The TI-83 (Plus) is the standard calculator for the course. 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 and dismissal from the course.

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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>at least a 90% average and no more than three absences</td>
</tr>
<tr>
<td>B</td>
<td>at least an 80% average and no more than three absences</td>
</tr>
<tr>
<td>C</td>
<td>at least a 70% average and no more than three absences</td>
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<tr>
<td>D</td>
<td>at least a 65% average and no more than three absences</td>
</tr>
<tr>
<td>F</td>
<td>Below a 65% average</td>
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</tbody>
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Students having more than three absences will receive a reduction in letter grade. Excessive absences (more than four) will constitute failure of the course.

(Grades of B+, C+, and D+ may be given in conjunction with the +/- Pilot Study.)

Homework: Exercises will be assigned daily but will not be collected or graded.

Quizzes: A quiz will be given each Friday, except on Fridays that are a holiday or are immediately before or after a test, for a total of 10 quizzes.
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: Wed Feb 2  Test 2: Fri Feb 25  Test 3: Fri Mar 18  Test 4: Fri Apr 15

Final Exam: Monday May 2  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 notification.

 Withdrawal Date

March 1, 2005 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, Room 101, Garrett Conference Center. The OFSDS telephone number is (270) 745-5004 V/TDD. 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!