

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

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Office Hrs MW 1:45 – 3:00; TR 12:45 – 2:15; 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-II. 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.

MATH 116 is a university-level course for serious, dedicated students who are prepared and willing to do university-level work. Such students are characterized by being bright, attentive, self-motivated, hard-working, and high-achieving. Moreover, these students do not skip class. If you lack any of these traits, then you should consider either taking MATH 116E or completing your mathematics requirement at a community college.

Text Save your money. No text is required.

Some course notes will be distributed or provided in pdf format at <http://www.wku.edu/~david.neal/116/>

Calculator Recommended calculators are the TI-83+ or TI-84+.

Students are not allowed to use their calculators to view stored “formula sheets” during tests. Doing so will result in a grade of 0 on that test.

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

Attendance Policy

Registration in this course obligates you to be regular and punctual in class attendance. Therefore, every student is expected to attend every class. If you miss a class, then you must provide a legitimate, documented, written excuse upon returning to class in order for the absence to be excused. If you accrue three unexcused absences, then you will automatically receive an F in this course if you do not withdraw on your own.

Examples of legitimate documentation for excused absences are: (i) A physician's written professional opinion that you were physically unable to attend class. (A routine medical or dental appointment is not an excused absence because such appointments can be rescheduled.) (ii) A funeral parlor notice for the services on the date of absence for a member of your family or other loved one. (iii) A copy of a court summons that requires you to appear before the bench on the date of your absence. (iv) A police report that states that you were involved in a motor vehicle accident that prevented you from arriving to campus on time. (v) Notice from the Athletics Department of your participation in an official NCAA-sanctioned athletic event. (Participation in intramural events are not excused absences.) (vi) Notice of your participation in an official university function that requires your mandatory attendance. (vii) Required military duty as certified by your commanding officer.

Some other examples of *unexcused* absences are: (i) Field trips. (ii) Family vacations. (iii) Appointments or meetings with university officials. (iv) Job/school interviews. (v) Couldn't find parking. (vi) Oversleeping. (vii) Hangover. (viii) Bad-hair day. (ix) Feeling lousy. (x) Didn't feel like coming. (xi) Had something else to do. (xii) Tug (xiii) etc. etc. etc.

Tests

Each test will be based on class lectures and distributed study sheets. A practice test will be available about a week and a half in advance of each test. The tests will be closed-book with no formula sheets allowed. A certain portion of each test may be so that *no calculators are allowed*.

Test Dates

Test 1: Fri Sep 12 **Test 2:** Wed Oct 1
Test 3: Fri Oct 24 **Test 4:** Fri Nov 14

Final Exam: Tuesday December 9 1:00 – 3:00 PM.

Make-Up Policy

Students are expected to take all tests in class on the days that they are scheduled. No rescheduling will occur. If you miss a test, then you will receive a grade of 0 for that test. However, if you have a legitimate, documented, excused absence for the day of the test, as described above in the Attendance Policy, then you will be allowed to take a make-up. The make-up will have to be scheduled at *my* convenience due to the time required for me to draft a new exam and due to the block of time required of me to proctor a make-up.

Grades will be assigned as follows:

Four Tests, Final Exam – Each 20% of grade

A: Average 95% B: 87.5% Avg < 95% C: 80% Avg < 87.5% F: Avg < 80%

Curves to this grading scale will be reserved solely
for students who have *zero* unexcused absences.

Withdrawal Date

October 14, 2008 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 A-200. 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!