MATH 1150: Precalculus  
Section 030, Fall 2011

Instructor: Kevin Manley  
Course Website: http://euclid.colorado.edu/~manleyk  
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Office: Math 237  
Office Hours: MWF: 12:30-1:30pm  
Text: Precalculus, Functions and Graphs (3rd ed.) by Mark Dugopolski  
(This book has been packaged with the Students Solutions Manual at the CU Bookstore)

About the course: MATH 1150 is intended to prepare you for a first semester calculus course such as MATH 1300, MATH 1310, or APPM 1350. You are expected to have already mastered basic algebra skills. The prerequisite for this course is one and a half years of high school algebra. If you have not mastered that material, Math 1011 (College Algebra) might be a more suitable course for you to take.

This course will cover (parts of) the following chapters of the Dugopolski Precalculus textbook: 
Appendix A: Basic Algebra Review  
Chapter 1: Equations, Inequalities, and Modeling 
Chapter 2: Functions and Graphs 
Chapter 4: Exponential and Logarithm Functions 
Chapter 5: The Trigonometric Functions 
Chapter 6: Trigonometric Identities and Conditional Equations

Homework: You will have homework for every lecture. It will be a lot of work, but that’s how you learn math. The homework will be posted on the course website. Homework assignments will be collected at the end of every class (homework will not be collected during recitations, holidays, or the Wednesday and Friday of exam weeks). Late homework will not be accepted for any reason. Late means after I walk out of our classroom. Any homework not turned in on time will earn a grade of zero. However, your lowest three homework grades will be dropped; the average of the remaining homework grades will account for 20% of your semester course grade. Homework grades for missed homeworks will be dropped and not counted against you if you give me a note from a medical or psychiatric doctor, on the doctors stationery or on the stationery of a hospital or clinic (like Wardenburg), signed by the doctor, and including dates (written-in by the doctor) on which you were too sick to do homework and/or come to class.

Do the following for each homework assignment: 
1. On the first page of every homework assignment, in the upper right hand corner, print your full name and write your Recitation section number (not your section number). 
2. Show all your work for each problem in order to receive possible partial credit. 
3. Staple your homework pages together. Folding over the edge is not good enough.

Failure to meet any of the above requirements will result in points being deducted from your homework grades. Your TA will choose three questions from each assignment that will be graded for content, completeness, form, and correctness. Points can also be earned for making a good-faith attempt at the remaining assigned problems. Write your homework legibly and completely, showing all your work. If the TA can’t read your homework, or answers are written with no work shown, you will receive zero points for that question.

Midterm Exams: There will be three midterm exams given during class on the following Fridays:

September 23, October 21, November 18.

Write these dates down on your calendar NOW. Each midterm exam will count for 20% of your semester
course grade. No make-up midterm exams will be given. The grade assigned for a missed midterm exam will be 0. However, the numerical grade you earn on the final exam will replace your lowest midterm exam numerical grade if doing so improves your overall semester average.

**Final Exam:** The final exam will be given on **Monday, December 12, 1:30-4:00pm**. The final exam will be cumulative, covering all the material from the whole semester, and will count for 20% of your grade. You must pass the final exam (grade of 60 or higher out of 100 points) in order to get a grade of C- or better in the course.

**Calculators:** You will not be allowed to use a calculator during any of the exams. You may use a calculator for your homework, but I’d advise against it. Doing your homework without a calculator where possible will help you become used to doing problems without such aid and better prepare you for exams.

**Semester Grades:** Your semester grade will be determined by your homework (20%), your three midterm exams (20% each), and your final exam (20%).

**UMRC:** The Help Lab (Undergraduate Mathematics Resource Center: UMRC) is located in Math 175 and is open Mon-Thurs 9am-5pm, and Friday 9am-2pm. You can get some free help there.

**Testing Accommodations:** If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. Contact 303-492-8671, Willard 322, and http://www.colorado.edu/disabilityservices. If you have a temporary medical condition or injury, see the guidelines at http://www.colorado.edu/disabilityservices/go.cgi?select=temporary.html. Disability Services letters for students with disabilities indicate legally mandated reasonable accommodations. The syllabus statements and answers to Frequently Asked Questions can be found at http://www.colorado.edu/disabilityservices.

**Campus Policy Regarding Religious Observances:** Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with handing in homework assignments or taking scheduled exams. In this course, you must come to my office during one of my office hours and discuss any potential conflict with me at least two weeks in advance of the potential conflict. See full details at http://www.colorado.edu/policies/fac_relig.html Classroom Behavior Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender, gender variance, and nationalities. Class rosters are provided to the instructor with the student’s legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. See policies at http://www.colorado.edu/policies/classbehavior.html and http://www.colorado.edu/studentaffairs/judicialaffairs/code.html.

**Student Conduct Code:** Cell phones, pagers, music players, and all similar devices are to be turned off during all class sessions. Students may not listen to music, play games, browse the Internet, or engage in other activities not related to the course during class sessions. No electronic equipment of any kind will be permitted during midterm exams and the final exam. Treat others with respect. Be polite and attentive. For further details, see http://www.colorado.edu/studentaffairs/studentconduct/downloads/StudentConductPoliciesandProcedures.pdf

**Academic Honesty:** All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council, and those students
who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at http://www.colorado.edu/policies/honor.html and at http://www.colorado.edu/academics/honorcode.

Discrimination and Harassment: The University of Colorado at Boulder policy on Discrimination and Harassment, the University of Colorado policy on Sexual Harassment, and the University of Colorado policy on Amorous Relationships apply to all students, staff and faculty. Any student, staff or faculty member who believes s/he has been the subject of discrimination or harassment based upon race, color, national origin, sex, age, disability, religion, sexual orientation, or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Judicial Affairs at 303-492-5550. Information about the ODH, the above referenced policies and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at http://www.colorado.edu/odh.