Quantitative Reasoning and Mathematical Skills
MATH 1012
Section 06, Spring 2011

Instructor: Dr. Kevin Manley
Course Website: `http://euclid.colorado.edu/~manleyk`
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Office: Math 237
Office Hours: M:3-4, Tu:2-3, W:11-12
Class Meeting: 2:00-2:50pm in RAMY N1B31

About the course: QRMS promotes mathematical literacy among liberal arts students and teaches basic mathematics, logic, and problem solving skills in the context of higher level mathematics, science, technology, and/or society. QRMS is not a traditional math class, but is designed to stimulate interest in and appreciation of mathematics and quantitative reasoning as valuable tools for comprehending the world in which we live.

Required Text: Using and Understanding Mathematics: A Quantitative Reasoning Approach (5e) by Bennett and Briggs, Addison Wesley Publishing.

Homework: You will have homework for every section covered (roughly, every lecture). It will be a lot of work, but that's how you learn math. It will be posted on the class website, so make sure you can access that! **Late homework will not be accepted for any reason**. Any homework not turned in on time will earn a grade of zero. However, your lowest four homework grades will be dropped. 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, those homework grades will be dropped and not counted against you.

Midterm Exams: There will be two midterm exams given during class on the following Wednesdays:

February 16th and **March 30th**.

Write these dates down on your calendar NOW.

Final Exam: The final exam will be given on **Wednesday, May 4, 1:30-4:00pm**. The final exam will be cumulative.

Calculators: You will need a scientific calculator for this course. Bring it every day; you will need it for the work in class, homework, and exams.

Writing Assignment: Details about this assignment are on the course webpage. It is a 3-5 page (that's three full pages) paper due **April 22nd**. You must choose a topic (email it to me) by **February 18th**.

Semester Grades: Your semester grade will be determined by homework (20%), the writing assignment (20%), your two 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.