

QRMS General Syllabus Summer 2007 Term A

Instructor: David Keyes
Office Hrs: Tuesday and Thursday: 12:30-1:30 or by appointment
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Text: *Using and Understanding Mathematics: A Quantitative Reasoning Approach* by Bennett and Briggs, Addison Wesley.

Course Description:

QRMS is a course designed to promote mathematical literacy amongst liberal arts students. It will cover logic and problem solving skills in the context of higher level mathematics, science, technology, and/or society. While not a traditional math class, this is designed to stimulate interest in and appreciation of mathematics and quantitative reasoning as valuable tools for comprehending the world in which we live.

Policies:

I recommend that you first attempt to solve the homework problems alone, using your textbook and your notes. However, if you need more help, you may work together on the problem sets and/or consult me during office hours or by appointment. However, since no collaboration of any type is permitted on quizzes or exams make sure you are confident with the material before the tests. Of course the Student Honor Code, student code of conduct, sexual harassment policies etc.. apply for this course. To get more detailed information on these rules and university policies you can visit <http://www.colorado.edu/policies/honor.html>
<http://www.Colorado.EDU/disabilityservices>
http://www.colorado.edu/policies/fac_relig.html
<http://www.colorado.edu/policies/classbehavior.html>
<http://www.colorado.edu/academics/honorcode/>

Homework/Quizzes:

There will be a few homework problems assigned for each lecture. However, homework will not be collected. Instead, every Tuesday and Thursday we will have a short quiz in the first 10 minutes of class. These quizzes will be 1 or 2 problems long and will be very similar to the homework problems due that day. They will be designed so that if you complete and understand the homework you should do very well. The quiz on Tuesday will be based on the homework assigned on Thursday, Friday, and Monday and the quiz on Thursday will be based on the homework from Tuesday and Wednesday. The Quizzes account for 30% of the final grade.

Problems of the Week:

For 3 out of the 5 weeks of the term we will have a Problem of the Week (POW). These will be assigned on Monday and due on Friday in class. Each will require a 1 to 3 page write up and will account for 30% of the final grade (each POW is 10%).

Midterm and Final:

There will be one midterm and one final. The midterm will be on Wednesday June 20th, and will be on all material covered up till then. The final will not be cumulative and will be on all material covered after the first midterm. Each test will be 20% of the final grade.