

Introduction to Quantitative Reasoning

MATH 1030-6

Spring 2009

*No man can reveal to you aught but that which already lies
half asleep in the dawning of your knowledge*
(K. Gibran)

Class time and place: LCB 225 M, W 6:00 p.m. to 7.30 p.m.

Instructor: Stefano Urbinati

Office Hours : M, F 5:00 p.m. to 5:50 p.m. or by appointment

Office : JWB 311

Email : urbinati@math.utah.edu

Web page: www.math.utah.edu/~urbinati.

Text: Using and Understanding Mathematics

(A Quantitative Reasoning Approach)

J. Bennet, W. Briggs - Pearson Custom Publishing - 2007

Prerequisite: Math 1010 (Intermediate Algebra) with C or better, or at least 23 on ACT (math), or at least 491 on SAT (math).

Withdrawals: The last day to drop class is Wednesday, January 21th, and students may withdraw from the class until Friday, February 6th.

Course Description: Learning to use mathematics to analyze quantitative issues and to communicate technical information requires both the practice of basic techniques and the opportunity to apply these techniques to practical, open-ended, questions which may be examined using varied approaches. The coursework in Math 1030 emphasizes solving word problems that require the use of simple algebraic skills, tables, graphs, and formulas. In their work students examine the reasoning behind basic mathematical concepts, explore problems and questions presented from different perspectives, clarify assumptions made in word problems, and look for connections between the course topics and their own field of study.

Class rules and notes : I don't want you to come to all lessons but I would be fine for you to be punctual if you're coming.

If you miss more then 2 quizzes the other will be graded 0%.

If you can't come to an exam I need to know this 2 weeks before if it is not a serious reason. If you miss the exam for serious problems I would need a certificate.

Graphic calculator are not allowed for quizzes or exams but you will need a

scientific one (with radical, exponential...).

Please switch-off mobile phones while you're in the class.



Quizzes: We will have a quiz every two weeks (usually on wednesday). It will take about 20 minutes. Quizzes will be graded. We will have an amount of 7 quizzes but only the best 5 grades will be considered for the final grade.

Project: You will be asked to work in groups of about 3 students on a topic related to the class. It will be a good occasion to see how to apply what we are working with and to see how you are able to work in groups.

Exams : There will be two exams and one comprehensive final exam (that will be the same for all the 1030's classes).

Schedule for the exams:

Exam1 : February 18, 6:00 p.m. to 7:00 p.m., LCB 121

Midterm2 : April 15, 6:00 p.m. to 7:00 p.m., LCB 121

Final : May 4, 6:00 p.m. to 8:00 p.m.

Grading : Quizzes 20% , 1 group project 20 % , 2 Midterms 30% (15% each), Final departmental exam 30%.

A: 100-93 %	A-: 92.99-90 %	B+: 89.99-87 %
B: 86.99-83 %	B-: 82.99-80 %	C+: 79.99-77 %
C: 76.99-73 %	C-: 72.99-70 %	D+: 69.99-67 %
D: 66.99-63 %	D-: 62.99-60 %	E: ≤ 59.99 %

ADA Statement : The American with Disabilities Act requires that reasonable accommodations be provided for students with cognitive, systematic, learning and psychiatric disabilities. Please contact me at the beginning of the semester to discuss any accommodations you may require for the course.

Tutoring : The Rushing Math Center offers free drop-in tutoring, a computer lab, and a study area for undergraduates. The Rushing Math Center is in the bottom floor between LCB and JWB. The hours of operation are Monday through Thursday from 8 a.m. to 8 p.m. and Friday from 8 a.m. to 6 p.m.