

Syllabus for MATH 1050-003  
College Algebra (4 Credits)  
M-Th 10:00-12:15, ST 104  
Course runs from May 15 - June 22

Instructor: Ross Magi

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Website: www.math.utah.edu/~magi

Office Hours: 9:15-9:45 M-Th and immediately following class. Other times are available by appointment.

**Textbook:** Larson and Hostetler, Precalculus, Seventh Edition, 2007, Houghton Mifflin Company, ISBN # 9780618643448. There is also an optional Study + Solution Guide, ISBN # 9780618643479.

**Course Material:** In this course we will study functions, as well as their inverses and graphs, including polynomial, rational, radical, exponential, and logarithmic functions. We will also study systems of equations, matrices, applications, and arithmetic and geometric sequences and series. We will cover Appendix 1 and chapters 1,2,3,7,8, and 9 from the textbook.

**Prerequisites:** You must have scored a C or better in MATH 1010 OR have a Math ACT score of at least 23 OR Math SAT score of at least 540.

**Grading Policy:** Grades for the course will be assigned as follows:

|            |     |
|------------|-----|
| Homework   | 25% |
| Quizzes    | 15% |
| Midterm 1  | 15% |
| Midterm 2  | 15% |
| Final Exam | 30% |

The grading scale is as follows:

|            |            |            |            |
|------------|------------|------------|------------|
|            | B+ 88-89.9 | C+ 78-79.9 | D+ 68-69.9 |
| A 92-100   | B 82-87.9  | C 72-77.9  | D 62-67.9  |
| A- 90-91.9 | B- 80-81.9 | C- 70-71.9 | D- 60-61.9 |

**Homework:** Homework will be assigned daily using the WebWork system. This is an online system that gives you instant feedback about the correctness of a problem. You will usually have an infinite

number of times to attempt each problem, so in theory you should receive 100% on each of the WebWork assignments. Each assignment will be due by 11:59pm two days after it has been assigned. For example, an assignment posted on Tuesday will be due on Thursday at 11:59pm. There may be a few additional homework or review assignments that are not assigned through the WebWork system. LATE HOMEWORK WILL NOT BE ACCEPTED.

**Quizzes:** There will be three quizzes in this course. They will be given at the beginning of class on May 19, June 2, and June 16 (Thursdays). Quizzes will cover material learned since the previous quiz or exam. Problems will be similar to homework problems and examples from class. MISSED QUIZZES CANNOT BE MADE UP LATER, except in extreme circumstances. If you must miss a quiz, please make arrangements to take the quiz early.

**Exams:** There will be two midterm exams and one final exam for this course. The final exam will be Thursday, June 22 during class time. The midterms will be on Thursday, May 26 and Thursday, June 9. Each midterm will take 1 hour.

**Office Hours and Tutoring:** Please make use of my office hours for any questions you may have. I am happy to meet at other times if the listed hours do not fit with your schedule. Free drop-in tutoring is offered at the T. Benny Rushing Mathematics Center located between the LCB and JWB math buildings. Check the math department web site for hours.

**Calculator Policy:** Calculators may be used for homework, but may not be used during any quiz or exam. Any student caught with a calculator, cell phone, PDA, iPod, computer, etc. during a quiz or exam will receive a zero on the quiz or exam.

**ADA Statement:** The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations.

**Important Dates:**

|                   |  |
|-------------------|--|
| Wednesday, May 25 | Last day to drop classes                       |
| Tuesday, May 31   | Last day to add, elect CR/NC, or audit classes |
| Friday, June 3    | Last day to withdraw from classes              |
| Friday, June 17   | Last day to reverse CR/NC option               |
| Thursday, June 23 | Final exam (10:00-12:15)                       |