

**MTH 121–01**

College Algebra, Elmhurst College

10:30–11:35 a.m. M W F, Circle Hall 010, Spring 2013

**Course Description:** Topics will be selected from a review of elementary algebra, equations, relations, functions and transformations, inequalities and quadratic functions, polynomial equations and their graphs, rational functions and conics, systems of linear equations and inequalities, determinants, and sequences. Prerequisites: two years of high school algebra and one year of high school geometry with a grade of C or better is recommended.

College Algebra is designed to give you the algebraic skills necessary for further study in mathematics, and is intended primarily for students majoring in the natural sciences. This course is meant to prepare you for MTH 132 Elementary Functions. (The Elementary Functions course covers trigonometric, exponential, and logarithmic functions, and is meant to prepare students for MTH 151 Calculus I.)

**Professor:** Dr. A. Rogers, DA 218, (630) 617-3697, [allenr@elmhurst.edu](mailto:allenr@elmhurst.edu)

**Office hours:** M,W,F 11:45 a.m.–12:15 p.m.; Tu,Th by appointment

**Text:** Larson, College Algebra, 8th ed. Optional: Student Solutions Manual.

**Web Page:** <http://www.elmhurst.edu/~allenr/>

**Grading:** Letter grades are based on the total points earned throughout the course, broken down as follows:

In-Class Activities	50
Exam 1 (M, Feb. 25)	100
Exam 2 (M, Mar. 18)	100
Exam 3 (M, Apr. 15)	100
Exam 4 (M, May 6)	100
Final Exam (over entire course)	225
(F, May 24, 10:30 a.m.–12:30 p.m.)	<hr/>
	675

**In-Class Activities:** Various in-class activities may be assigned. For example, you may be required to present selected homework problems on the board to the class (these will be assigned in advance). All points from in-class activities will be scaled to be worth a total of 50 points.

**Missed Exams:** If you miss one of the four regular exams for any reason, your percentage score on the next exam will be used as your score for the missed exam. Since this procedure allows you to make up the missed points, you will not be allowed to take the exam early or late for any reason. Special approval from the instructor is required to allow making up points from two or more exams.

**Final Exam:** Your lowest of your four regular exam scores will be replaced by your final exam percentage score, if this is to your benefit.

If you have the same score on two or more regular exams, only one of them will be replaced by your final exam percentage score. The other three scores will not be replaced.

Your final exam score will never be replaced, not even if it is lower than all your regular exam scores.

The final exam is Friday. You will not be permitted to take the final exam early or late because of vacation.

**Time Expectations:** You should plan to devote seven or more hours each week to this course outside of class. More time may be required.

**Snow Days:** To find out if classes are cancelled, you may call (630) 617-3777.

**Accommodations:** The College will make reasonable accommodations for persons with documented disabilities. If you have a disability that may have some impact on your work in this course, please contact the Disability Services Provider at (630) 617-3753.

**Academic Integrity Statement:** Students are expected to be familiar with and abide by the Code of Academic Integrity in the Elmhurst College E-book. For example, intentionally obtaining or attempting to use unauthorized materials or information or unauthorized help from another person is considered cheating. The following comments are illustrative but not exhaustive.

Tests test how well the student has learned. Therefore, unless the professor specifies otherwise, all examinations are to be completed by the student alone, without extraneous assistance of any kind. That means no help is to be given to or received from other persons during the test; no books, notes, calculators, or other materials of any kind are to be consulted; and if a calculator or other hand-held electronic device is permitted to be used for mathematical calculations, no other information may be programmed into or retrieved from the device. Whenever the professor permits an exception to any part of these rules, the exception applies only as far as specified by the professor. Such exceptions must be expressly permitted and cannot be presumed from prior exceptions on other tests. (From *A Student's Guide to Academic Integrity at the University of Oklahoma*, Office of the Senior Vice President and Provost, University of Oklahoma, Norman Campus, <http://www.ou.edu/provost/integrity/>, accessed August 23, 2006.)