

COLLEGE ALGEBRA – MAC 1105 – FALL 2005

Instructor: Barry Griffiths

Office: MAP 115

Homepage: math.ucf.edu/~barryg

E-mail: bgriffit@mail.ucf.edu

Textbook: College Algebra, by Lial, Hornsby, and Schneider (available in the bookstore)

Homework: The homework assignments will be completed online, and will count for 15% of your final grade (see my homepage for further details).

Quizzes: A short quiz will be given at the end of each discussion class. They will be of a similar standard to the questions at the end of each section in the book, and will contribute 15% points towards your final grade.

Exams: There will be four midterm exams worth 50% of your final grade, and a comprehensive final exam worth 20%. When you finish an exam you should submit your scantron (which will not be provided, so be sure to bring your own) and keep your test paper. The solutions to all the exams can be obtained from your instructor. Anyone who is more than 15 minutes late for an exam will automatically receive a score of zero.

Calculators: The only calculator permitted for use during the exams and quizzes is the TI-30XA, available from the bookstore. Use of any other calculator will result in a score of zero being awarded. The sharing of calculators is strictly forbidden.

Grade Policy: The course grade is determined by the taking the top three scores from the four midterm exams (50%), plus the final exam (20%), the online homework (15%), and the quizzes (15%). Final grade assignment follows the standard scale:

Grade of A	Average of 90-100
Grade of B	Average of 80-89
Grade of C	Average of 70-79
Grade of F	Average below 70, and not meeting the criteria below for NC
Grade of NC	If your attendance is above 80%, you take all tests, and have a final average of at least 50% then No Credit (NC grade) may be awarded in place of an F

Attendance/Etiquette: It is strongly recommended that you attend all lectures, and pay attention. Experience has showed that students who regularly miss class do not perform up to their potential and often fail the class. Once inside the lecture hall you should turn off all cell-phones and pagers and not use them during class. Leaving a lecture early without a pre-approved reason will result in a 7-point penalty on the next exam.
NO MAKE-UP EXAMS OR QUIZZES WILL BE GIVEN IN THIS CLASS.

Extra Help: In addition to your discussion groups, and the office hours of the discussion group leaders, the Math Lab is available free of charge to all students enrolled in the course. The Math Lab is located in MAP 113, and is open Monday to Thursday from 9am to 7pm, on Friday from 9am to 3pm, and on Sunday from 2pm to 6pm.

Cheating: Anyone who compromises the integrity of the homework, exams or quizzes will subject to harsh penalties, up to and including receiving a grade of F for the course.

Class Schedule

DAY OF WEEK	DATE	MATERIAL
Monday	August 22	Introduction Properties of Real Numbers Absolute Value
Wednesday	August 24	Polynomials Factoring
Friday	August 26	Radicals Exponents
Monday	August 29	Linear Equations
Wednesday	August 31	Applications of Linear Equations
Friday	September 2	Complex Numbers
Monday	September 5	No Class
Wednesday	September 7	Quadratic Equations
Friday	September 9	Applications of Quadratic Equations
Monday	September 12	Other Types of Equations
Wednesday	September 14	Inequalities
Friday	September 16	Absolute Value Equations/Inequalities
Monday	September 19	Review
Wednesday	September 21	EXAM 1
Friday	September 23	Graphs of Equations
Monday	September 26	Functions
Wednesday	September 28	Linear Functions
Friday	September 30	Equations of Lines
Monday	October 3	Graphs of Basic Functions
Wednesday	October 5	Graphing Techniques
Friday	October 7	Function Operations

DAY OF WEEK	DATE	MATERIAL
Monday	October 10	Review
Wednesday	October 12	EXAM 2
Friday	October 14	Quadratic Functions
Monday	October 17	Synthetic Division
Wednesday	October 19	Zeros of Polynomials
Friday	October 21	Polynomial Functions
Monday	October 24	Rational Functions
Wednesday	October 26	Rational Functions
Friday	October 28	Review
Monday	October 31	EXAM 3
Wednesday	November 2	Inverse Functions
Friday	November 4	Exponential Functions
Monday	November 7	Logarithmic Functions
Wednesday	November 9	Evaluating Logarithms
Friday	November 11	No Class
Monday	November 14	Exponential/Logarithmic Equations
Wednesday	November 16	Exponential Growth and Decay
Friday	November 18	Review
Monday	November 21	EXAM 4
Wednesday	November 23	Systems of Linear Equations
Friday	November 25	No Class
Monday	November 28	Matrix Solutions to Linear Systems
Wednesday	November 30	Nonlinear Systems of Equations
Friday	December 2	Review
Monday	December 5	FINAL EXAM (1pm)