

Math 1314 College Algebra

Spring 2008

Time: TR 5³⁰ pm – 6⁴⁵ pm

Room: GR 3.420

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<i>Office hours:</i>	Tuesday 4 ²⁰ –5 ²⁰ pm; Thursday 1 ⁰⁰ –2 ⁰⁰ pm		

Internet : <http://www.utdallas.edu/~mbaron/1314/>

Also, see <http://webct.utdallas.edu/> to check your *performance* and join *discussion*, *mail*, and *chat* with your classmates. Use your Unix password to log in.

Textbook : College Algebra by Arthur Goodman and Lewis Hirsch, 2004 (ISBN 053442327)

Grading:

Best 9 of 10 ten-minute quizzes	=	30%	
A 1 $\frac{1}{4}$ -hour Midterm exam on March 6	=	30%	
A 2 $\frac{1}{2}$ -hour Final exam on May 1 at 5:00 pm	=	40%	

97 – 100 %	=	A+		93 $\frac{1}{3}$ – 97 %	=	A		90 – 93 $\frac{1}{3}$ %	=	A-
86 $\frac{2}{3}$ – 90 %	=	B+		83 $\frac{1}{3}$ – 86 $\frac{2}{3}$ %	=	B		80 – 83 $\frac{1}{3}$ %	=	B-
76 $\frac{2}{3}$ – 80 %	=	C+		73 $\frac{1}{3}$ – 76 $\frac{2}{3}$ %	=	C		70 – 73 $\frac{1}{3}$ %	=	C-
66 $\frac{2}{3}$ – 70 %	=	D+		60 – 66 $\frac{2}{3}$ %	=	D		55 – 60 %	=	D-

Incomplete grade is possible only in the case of a documented serious medical emergency near the end of semester, with $\geq 70\%$ of work completed at an on-going passing grade.

Rules : All quizzes and exams are *closed-book* and *closed-notes*.

Your solutions, not your answers, are graded. Show your work. No work - no credit.

No late exams or quizzes. However, it may be possible to take an exam/quiz early.

Homework will be assigned but will not be collected or graded.

Tips : Keep clean and conveniently arranged lecture notes and homework. It will be your best helper in preparation for quizzes and exams.

A steady effort to work out all the assigned problems is highly recommended.

Use your absolute right to ask questions in class and during office hours. For example, any homework problem can be discussed.

For each exam/quiz, review all the new concepts, methods, formulae, etc. Try to understand the methods rather than memorizing them blindly.

COVERAGE

TOPICS	CHAPTERS
Introduction: real numbers, rationals, radicals, complex numbers	1
Linear, quadratic, radical equations and inequalities	2
Introduction to functions and their graphs	3, 4
Polynomials, their roots and graphs	5.1-5.4
Rational and radical functions	5.5, 5.6
Exponential and logarithmic functions	6