

MATH 8 – COLLEGE ALGEBRA

Ticket #61815 MWF 11:00 a.m. – 12:30 p.m. Room B103

rev 1/11/09

● Instructor Information

Professor Richard Zucker

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Office: Room B267

Office hours: Monday to Friday, 10:00 to 11:00 a.m.

● Course Description

This course reviews algebraic topics and elementary functions for those seeking preparation prior to enrolling in a calculus course for non-science majors. Course topics include equations and inequalities, relations and functions, polynomial and rational functions, exponential and logarithmic functions, matrices and determinants, sequences and series, limits, the binomial expansion, and curve-sketching techniques.

● Prerequisite

A grade of C or better in Intermediate Algebra (Math 253) or placement into Math 8 based on the Mathematics Assessment Test. You should have at least ten hours of available time each week for studying and doing homework in addition to the five hours per week that the class meets.

● Textbook

Required text: Dugopolski, Mark, College Algebra, 4th ed., Pearson Addison-Wesley, 2007. The student solutions manual is optional and recommended.

● Calculators

You are expected to bring a scientific calculator or a graphing calculator to class each day for use in class and on exams. You may not use computers, cell phones, PDAs or share calculators on exams. You may not use a calculator which employs a computer algebra system (CAS) such as the TI-Nspire CAS or the TI-89.

● Attendance

Your attendance is required. District policy permits me to drop students who have been absent four class meetings (6 class hours). However, while it is my intention to drop students for excessive absences, it is not my responsibility to do so. Never assume that I have dropped you. **Thursday, April 9**, is the absolute drop deadline.

● Homework

A list of suggested problems for homework is posted on Blackboard. You are expected to spend at least ten hours per week doing homework and studying. Use the Student Solutions Manual and other outside resources (e.g., the Math Tutorial Center, my office hours, etc.) to resolve your questions on homework before the following class meeting. Doing so will give you a big advantage on the quizzes (see below). Please understand that only a relatively small amount of time will be spent in class going over the homework.

● **Quizzes and Exams**

Expect frequent unscheduled quizzes. 20% of your course grade depends on your performance on quizzes, so it is very important to arrive on time to class and stay until class is dismissed. Your course grade may suffer if you miss more than one quiz. Missed quizzes cannot be made up, but the lowest quiz will be dropped. Occasionally your quiz will be graded by a classmate. If you believe that your quiz has been unfairly graded, state your specific concerns in writing and return the quiz to me to be regraded. This must be done prior to the end of the second class meeting following the quiz.

There will be three midterm exams and a final exam. **There are no make-up exams.** Your score on the final exam will replace the lowest of the midterm exam scores if it helps you. The three midterms and the final exam will have a multiple choice section, so be sure to bring a Scantron form (#882) to each exam.

● **Calculating your Course Grade**

Your course grade is based on total points earned:

Your course grade is assigned as follows:

Combined quizzes	100 pts	450 to 500 pts	= A
Midterm 1	100 pts	400 to 449.9 pts	= B
Midterm 2	100 pts	350 to 399.9 pts	= C
Midterm 3	100 pts	300 to 349.9 pts	= D
Final exam	<u>100 pts</u>	0 to 299.9 pts	= F
Total possible points	500 pts		

The combined quiz score will be “curved”, i.e. adjusted so that the class average is 75%.

● **Math Tutorial Center**

The Math Tutorial Center is located in room B117. The Center offers FREE drop-in tutoring in all math classes. Enroll in TU 301, ticket number 64585, 65650, or 65655 to be able to use the Center. TU 301 is a zero unit class so it is free. You can enroll through MySite, but if you need an Add Permit Code, go to the Center to get one. The Math Tutorial Center is open Monday through Thursday, 8:00 a.m. to 7:30 p.m., and Friday and Saturday from 8:00 a.m. to noon.

● **Blackboard and Email**

I will use Blackboard to post important information such as homework assignments and exam keys. You can get to Blackboard from the IVC webpage, <http://www.ivc.edu>.

I will occasionally use email to communicate with you. I always send class-wide email to your college email address. If you don’t frequently check your college email, you should set up email forwarding so that your college email will be sent to your personal email address. The instructions to set up email forwarding can be found on my website, <http://faculty.ivc.edu/rzucker>.

● **Academic Dishonesty**

Academic dishonesty as defined by the governing board of the South Orange County Community College District includes, but is not limited to, “...falsification, plagiarism, cheating or fabrication, which compromises the integrity of an assignment, a college record or a program.” The complete disciplinary process may be found at <https://www1.socccd.cc.ca.us/docs/edsvcs/ar/BP-5401-StudentConductAR.doc>. In this class, cheating on an exam will result in a zero on the exam, and the zero cannot be replaced by the score on the final exam.

Math 8 (#61815) College Algebra Tentative Timeline

	Mon	Wed	Fri
Week 1	Jan 12 Sec P.1	Jan 14 Sec P.2, P.3	Jan 16 Sec P.5, P.6 (omit P.4)
Week 2	Jan 19 Holiday	Jan 21 Sec P.7	Jan 23 Sec 1.1
Week 3	Jan 26 Sec 1.2	Jan 28 Sec 1.3	Jan 30 Sec 1.4, 1.5
Week 4	Feb 2 Sec 1.6	Feb 4 Sec 1.7	Feb 6 Sec 2.1
Week 5	Feb 9 Sec 2.2	Feb 11 Sec 2.3	Feb 13 Holiday
Week 6	Feb 16 Holiday	Feb 18 Sec 2.4	Feb 20 Sec 2.5
Week 7	Feb 23 Sec 3.1	Feb 25 MIDTERM 1	Feb 27 Sec 3.2
Week 8	Mar 2 Sec 3.3	Mar 4 Sec 3.4	Mar 6 Sec 3.5
Week 9	Mar 9 Sec 3.6	Mar 11 Sec 4.1	Mar 13 Sec 4.2

	Mon	Wed	Fri
Week 10	Mar 16 Holiday	Mar 18 Holiday	Mar 20 Holiday
Week 11	Mar 23 Sec 4.3	Mar 25 Sec 4.4	Mar 27 Sec 5.1
Week 12	Mar 30 Sec 5.2	Apr 1 Sec 5.3	Apr 3 Sec 5.4
Week 13	Apr 6 Sec 5.5	Apr 8 Sec 5.6	Apr 10 Review
Week 14	Apr 13 MIDTERM 2	Apr 15 Sec 6.1	Apr 17 Sec 6.2
Week 15	Apr 20 Sec 6.3	Apr 22 Sec 6.4	Apr 24 Sec 6.5
Week 16	Apr 27 Sec 6.6	Apr 29 Sec 7.1	May 1 Sec 7.2
Week 17	May 4 Sec 7.3	May 6 Sec 8.1	May 8 Sec 8.2
Week 18	May 11 Sec 8.3	May 13 MIDTERM 3	May 15 Review
Week 19	May 18 No class	May 20 FINAL EXAM 10:30 a.m.	

IMPORTANT DATES:

Drop with refund by	Friday, 1/23/09
Elect CR/NC by	Thursday, 2/19/09
Drop without W by	Thursday, 2/19/09
Drop with W by	Thursday, 4/9/09

The instructor reserves the right to amend, adjust or otherwise modify the syllabus at any time.