

MATH 253 – INTERMEDIATE ALGEBRA

Ticket #64235 MW 12:30-3:00 p.m. Room B209

Ticket #64240 TTh 12:30-3:00 p.m. Room B209

rev. 1/10/09

● Instructor Information

Professor Richard Zucker

Telephone: (949) 451-5259

Email: rzucker@ivc.eduWebsite: <http://faculty.ivc.edu/rzucker>

Office: Room B267

Office Hours: Monday through Friday, 10:00-11:00 a.m.

● Course Description

This course is the continuation of elementary algebra. It encompasses the study of the real number system, open sentences in one variable, polynomials and factoring, systems of linear equations, functions, and rational numbers and functions. The course also addresses irrational and complex numbers, quadratic equations and functions, exponential and logarithmic functions, and quadratic relations and systems.

● Prerequisites

The prerequisite for this course is a grade of C or better in Math 251 (Elementary Algebra) or placement into Math 253 based on the results of 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, Elementary and Intermediate Algebra, 3rd ed. McGraw Hill, 2009. The student solutions manual is optional and recommended.

● Calculators

You are expected to bring a scientific calculator to class daily for use in class and on exams. You may not use computers, cell phones, PDAs or share calculators on exams. You may use a graphing calculator (such as a TI-84), but 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 three 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. One-fourth 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. You may use your homework and class notes (no books) on the quizzes. 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 two midterm exams and a final exam. **There are no make-up exams.** Your score on the final exam will replace the lower of the two midterm exam scores if it helps you. The two 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:

Combined quizzes	100 pts
Midterm 1	100 pts
Midterm 2	100 pts
Final exam	<u>100 pts</u>
Total possible points	400 pts

Your course grade is assigned as follows:

360 to 400 pts	= A
320 to 359.9 pts	= B
280 to 319.9 pts	= C
240 to 279.9 pts	= D
0 to 239.9 pts	= F

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 253 (#64240)

Intermediate Algebra

Tentative Timeline

	TUESDAY 13-Jan	THURSDAY 15-Jan		TUESDAY 17-Mar	THURSDAY 19-Mar
Week 1	Review Ch. 5	Sec 6.1, 6.2		Holiday	Holiday
Week 2	20-Jan Sec 6.3, 6.4	22-Jan Sec 6.5		24-Mar Sec 9.6	26-Mar Sec 10.1, 10.2
Week 3	27-Jan Sec 6.6	29-Jan Sec 6.7		31-Mar Sec 10.3	2-Apr Sec 10.4
Week 4	3-Feb Sec 6.8	5-Feb Sec 7.1, 7.2		7-Apr Sec 10.5	9-Apr MIDTERM 2
Week 5	10-Feb Sec 7.3	12-Feb Sec 8.1		14-Apr Sec 11.1, 11.2	16-Apr Sec 11.3
Week 6	17-Feb Sec 8.2	19-Feb Sec 8.3		21-Apr Sec 11.4, 11.5	23-Apr Sec 11.6, 11.7
Week 7	24-Feb Sec 8.4	26-Feb MIDTERM 1		28-Apr Sec 12.1	30-Apr Sec 12.2
Week 8	3-Mar Sec 9.1	5-Mar Sec 9.2		5-May Sec 12.3	7-May Sec 12.4
Week 9	10-Mar Sec 9.3, 9.4	12-Mar Sec 9.5		12-May Sec 13.3	14-May no class
Week 10				19-May Final Exam 12:45 p.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 this timeline at anytime.