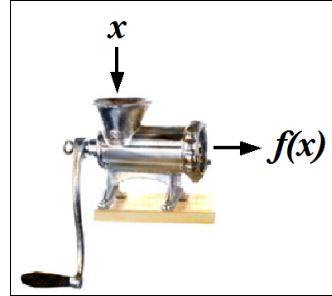


Math 90 Intermediate Algebra Imperial Valley College Fall 2009

Class Number: 10457 (4 credit units)
Room: 2500
TTh 9:50am-11:40am

Instructor: Rick Castrapel
Phone: (760) 355-6505
Office: Room 3201C
Email: rick.castrapel@imperial.edu
Web Site: <http://www.imperial.edu/rick.castrapel>
Textbook: Intermediate Algebra, 10th Edition, Lial with MathXL
 ISBN 0-321-44362-4
Office Hours: MW 10:30-11:30, TTh 12-1, T 5:30-6:30 or by appointment



Description:	A second algebra course, offered as a full second year in high school. Topics covered include the real number system, polynomials, rational expressions, exponential and radical forms, linear and quadratic equations, relations, functions and graphs, systems of equations, and logarithmic and exponential functions.
Student Learning Outcomes:	Will solve a word problem using the quadratic formula. Will be able to recognize and solve a system of equation in an applied setting Will be able to recognize and plot graphs of exponential and logarithmic functions. Will be able to manipulate rational expressions and solve equations involving them.
Prerequisites:	MATH 080 or equivalent college course with "C" or better, or eligibility determined by math placement process.
Calculator:	A scientific calculator, such as the TI30XA, Sharp EL531R, or Casio FX260, is required. You may not use a graphing calculator during tests. You may not share calculators during tests. Come to exams <u>prepared</u> . I am not a lending library for calculators.
Cell Phones:	Keep cell phones turned off during class. You may not use a cell phone as a calculator during tests.
Keys to Success:	1. Attitude, Attitude, Attitude 2. Attend Class Regularly 3. Do Your Homework 4. Study
Keeping Up:	Don't let yourself fall behind. If you feel you are slipping, SEE ME . This is urgent . It is my goal and that of the Imperial Valley College Math Dept. that you succeed. Sign up for free tutorial service offered by the Math Lab room 2500 .
Homework:	In mathematics, homework is crucial. Homework is assigned through MathXL. See the attached document. Please ask questions about the homework in class.
Math 60:	It is strongly suggested that you concurrently register for Math 60, Math Lab.
Dropping:	You may be dropped from this class if you miss the first day or if you miss three or more class sessions total. The last day to drop this class is Nov 13. After that date, I must give you a letter grade. It is your responsibility to drop, not mine.
DSP&S:	Any student with a documented disability who may need educational accommodations should notify the Disabled Student Programs and Services (DSP&S) office as soon as possible. Room 2117 Health Sciences Building (760) 355-6312.
Final Exam:	The Final Exam will be given on Saturday, Dec 5 from 3:00-6pm. All Math 90 students must take the final at this time. If you cannot take the final at this time, you must petition the Math Dept by Nov 20.
MathXL:	All homework is online using MathXL. See attachment. Course ID is XL0E-61Q8-401Y-1912
Grading:	There will be 3 midterm tests, worth 400 points total. There will be a comprehensive final exam worth 150 points. Your homework is worth 200 points. Makeup tests will be charged a 10% penalty.

Grading Policy

Midterm Tests	400 points
MathXL Homework	200 points
Final Exam	150 points
Total	750 points

Grading Scale

90 -100 %	A
80 - 89%	B
70 -79 %	C
60 -69 %	D
< 60 %	F

Academic Integrity is assumed and necessary. Disruptive students will be required to leave the class. Continued disruptive behavior, cheating or plagiarism may result in severe academic penalty. See the college bulletin for details.

Math 90 Fall 09 Tentative Schedule

Date	Text	Topic	Notes
08/25/09	Intro	Introduction	
08/27/09	Ch 1	Real Numbers	
09/01/09			
09/03/09	2.1-2.2	Linear Equations and Inequalities in One Variable	
09/08/09	2.3-2.4		
09/10/09	2.5-2.7		
09/15/09	3.1-3.2	Graphs, Linear Equations and Functions	
09/17/09	3.3-3.5		
09/22/09	4.1-4.2	Systems of Equations	
09/24/09	4.3		
09/29/09	Exam 1	Ch 1, 2, 3, 4	
10/01/09	5.1-5.2	Exponents, Polynomials, and Polynomial Functions	
10/06/09	5.3-5.4		
10/08/09	5.5		
10/13/09	6.1-6.2	Factoring	
10/15/09	6.3-6.5		
10/20/09	7.1-7.2	Rational Expressions and Functions	
10/22/09	7.3-7.4		
10/27/09	7.5-7.6		
10/29/09	Exam 2	Ch 5, 6, 7	
11/03/09	8.1-8.3	Roots, Radicals	
11/05/09	8.4-8.5		
11/10/09	8.6-8.7		
11/12/09	9.1-9.3	Quadratic Equations	
11/17/09	9.4-9.5		
11/19/09	10.1-10.2	Exponential Functions	
11/24/09	Exam 3	Ch 8. 9	
11/26/09	Holiday	Thanksgiving Day	
12/01/09	10.3-10.4	Exponential Functions	
12/03/09	10.5-10.6	Logarithmic Functions	
12/05/09	Final Exam	Comprehensive Final	500 Buildings 3:00-6:00pm

Updated: 11/05/09