

INTERMEDIATE ALGEBRA (137)
CRN 30446
INSTRUCTOR..... CONSTANCE STOLL
FALL 2010
T- TH 8 - 9:15 a.m
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COURSE DESCRIPTION

This course continues the development of Algebraic skills and concepts. Linear equations and Linear Functions, Systems of linear Equations, Exponential Functions, Logarithmic functions, Polynomials Functions, Quadratic Functions, Rational Functions Sequences and Series.

TEXT BOOK INTERMEDIATE ALGEBRA.....
FUNCTIONS AND AUTHENTIC APPLICATIONS
4TH EDITION

CHAPTERS TO BE COVERED

Chapter 1..... 1.6 FUNCTIONS

TRIGONOMETRY (HANDOUT)Right Triangle...
Definition of a right triangle
Sides and Angles of a rt. Triangle
The Pythagorean Theorem
Solving a rt. Triangle and application to problems

Chapter 2.....2.1 - 2.3 using lines to model data, finding equations of linear models, function notation

Chapter 3.....3. 2 - 3.3 Systems of Linear Equations

Chapter 4.....4.1-4.5 Exponential Functions (all of Chapter 4)

Chapter 5.....5.2 - 5.5 Logarithmic Functions

Chapter 6.....6.1 - 6.6 Polynomial Functions

Chapter 77.1----7.3, 7.5 -7.7 Quadratic Function

Chapter8.....8.1 - 8.3 , 8.5 - 8.6 Rational Functions

Chapter 99.1, 9.2, 9.5 Rational Functions

ATTENDANCE/ HOMEWORK/ REQUIREMENTS

For your success in the course, it requires that you attend all classes. Homework will be assigned for all material covered. Assignments will be given at each class. If you are not in attendance home work will be emailed to you.

You are expected to have your text book in class.

Test will be announced . Unannounced quizzes may be given at the discretion of the instructor. Make-up test will be arranged by the instructor.

Please review the College Withdrawal Policy

If you are a student with a disability and need accommodations for class, please contact Disabilities Counseling services

Class cancellations ... Check the Three Rivers Web site for T.V. and radio stations for delays or cancellations

Class average.....	Final Grade
90-100.....	A-/A
80-89.....	B-/B+
70-79.....	C-/C+
60-69.....	D-/D+
Below 60.....	F