

Intermediate Algebra (MAT 137)
Spring 2013: Tuesday 6 – 8:45 Room D122

Jennifer Phaiah, Ed.D

Office Hours: Available by appointment

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Prerequisite: MAT 095 or acceptable placement score

Textbook: *Elementary and Intermediate Algebra Graphs and Models, 4th Edition*. A graphing calculator is strongly recommended for this course. If students are unable to obtain a graphing calculator, at least a scientific calculator is required.

Course Description: This course continues the development of algebraic skills and concepts. The topics include: linear equations, functions and graphs, applications of systems of equations, inequalities, rational expressions and equations, operations of radical and rational exponents, quadratic equations, exponential and logarithmic functions.

Disabilities

Statement: If you have a disability that may affect your progress in this course, please meet with a Disability Service Provider (DSP) as soon as possible. Please note that accommodations cannot be provided until you provide written authorization from a DSP.
Matt Liscum (860) 383-5240 for Physical Disabilities, Sensory Disabilities, Medical Disabilities, and Mental Health Disabilities or Chris Scarborough (860) 892-5751 for Learning Disabilities, ADD/ADHD, and Autism Spectrum

Academic Integrity

Statement: Academic integrity is essential to a useful education. Failure to act with academic integrity severely limits a person's ability to succeed in the classroom and beyond. Furthermore, academic dishonesty erodes the legitimacy of every degree awarded by the College. In this class and in the course of your academic career, present only your own best work; clearly document the sources of the material you use from others; and act at all times with honor.

Class Cancellation: If the college is closed for inclement weather, the decision will be communicated on local radio and television channels, the Three River's website, and the myCommnet Alert Notification System.

Attendance: Attendance is extremely important. Students should notify the instructor prior to class when unable to attend. If you are unable to attend class on a night that a test is being given, the test will be placed in the Testing Center and the student will have to make an appointment with the center to schedule a make-up time. The student will have one week to complete the exam.

Requirements: Homework will be assigned on a daily basis and the instructor will give credit for completed assignments. Four tests will be given in addition to a final exam. Final grades will be computed by a point system. Students will earn points for homework and tests. Grade Equivalents: A (93-100), A- (90-92), B+ (87-89), B (83-86), B- (80-82), C+ (77-79), C (73-76), C- (70-72), D+ (67-69), D (63-66), D- (60-62), F (below 60). An N will be given if a student completes only 60% or less of the course requirements.

Homework Assignments by Section:

6.5	11-17 odd, 21, 27
6.6	5-31 odd
6.7	1, 3, 5, 21, 33, 37
7.2	15-27 odd, 57-61 odd, 65, 67
7.4	5-11 odd, 19-27 odd, 33, 35, 41, 45-49 odd
7.5	5-19 odd, 25, 27
7.6	11, 15, 17, 19, 23, 25, 31, 37, 43
7.7	9, 11, 13
7.8	13, 15, 19
9.1	7, 11, 13, 17
9.2	1, 3
10.1	9-23 odd, 39-45 odd, 69-87 odd
10.2	9-39 odd, 49, 51, 77, 79, 91, 93
10.3	7, 9, 13, 27-37 odd, 47-61 odd, 67, 69
10.4	9-33 odd, 41, 43, 53
10.5	7-21 odd, 31-55 odd, 61-69 odd
10.6	7-29 odd, 35, 39
10.8	9-89 every other odd
11.1	9-35 odd, 45-49 odd, 57-63 odd, 81
11.2	7-15 odd, 21-27 odd
11.3	7-27 every other odd, 29-37 odd
11.4	1-7 odd
11.5	15-17 odd
11.6	1-14, 17, 25, 31, 45, 50, 65, 66
11.7	9, 13, 15, 19-25 odd, 31-35 odd (Find the vertex & the axis of symmetry – don't need to graph)
11.8	7, 9
12.2	11, 15, 21, 51-59 odd (part a only)
12.3	9-29 odd, 65-79 odd, 97-109 odd
12.4	7-41 odd
12.5	11-37 odd
12.6	9-63 every other odd
12.7	1-7 odd, 11

Tentative Class Schedule

1/29	6.5, 6.6, 6.7
2/5	Trigonometry, 7.1, 7.2
2/12	7.3 – 7.8
2/19	Test #1
2/26	9.1, 9.2, 10.1 – 10.4
3/5	10.5, 10.6, 10.8
3/12	Test #2
3/19	Spring Break – No Class
3/26	11.1 – 11.3
4/2	11.4 – 11.8
4/9	Test #3
4/16	12.2 – 12.4
4/23	12.5 – 12.7
4/30	Test #4
5/7	Final Exam Review
5/14	Final Exam