

Math 95

Intermediate Algebra Semester 1

Instructor: Shiloh Powers
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 Office: A³ Staff Room
 Office Hours: M, W 1:05- 4:00 and T, TH 2:45- 4:00

Course Description

Math 95 is a five-credit college class that we will cover over the course of the year. In this class we will be reviewing our material from last semester, covering chapters 8 through 11 in Blitzer and cover important material from MTH 111. The subject matter covered will include complex numbers, graphing and translating quadratics, exponential and logarithmic functions, conic sections, and trigonometric functions.

*Mini Quiz: This quiz will be on the subjects covered in first semester, complex numbers, and complete the square.

*Exam #1 will cover translating quadratics, composite functions, and inverses.

*Exam #2 will cover exponential and logarithmic functions.

*Final Exam will be cumulative and will also include conic sections and trigonometric functions.

Grading

You will be graded as follows

- Homework 10%
- Homework Quizzes 20%
- Tutoring 10%
- Exams 45%
- EDCRO 15%

Homework: Homework will be collected on the last class day of every week. At the beginning of class you will be given a homework quiz with a problem almost identical to one of your homework problems that week. You may use your homework as notes. When finished with the quiz, staple the homework to the quiz and turn it in. You will get one grade for completing the homework, one grade for the quiz, and **one grade for meeting the deadline**. All homework must have a complete heading (your name, class title and class time), be legible and easy to read, and have all work shown. Credit will not be given for assignments where work is not present. Late homework can be turned in up until the last exam. **You can get up to a 4 in content, but the deadline grade will decrease for every day it is late.**

Class Participation: Although I will not be grading attendance specifically, you are required to attend every class unless pre-arranged with me. In case of emergency, sickness or other unforeseen circumstances, please contact me as soon as possible to get missing work.

Exams: For exams you will be given one hour of the class period to work. If additional time is needed, please see me at the end of class to make arrangements. For each exam you will be permitted one side of a 3"x5" notecard for notes, equations and examples that may be useful on the exam. Please staple this card to the exam when finished. Corrections will also be allowed for every exam to increase the score by up to one letter grade.

Materials

Text: Introductory and Intermediate Algebra by Blitzer, 5th edition.

A composition book for this class only.

Recommended: A graphing calculator such as a TI 83+

Exams

Mini Quiz: February 14th
 First semester, Complex Numbers, Complete the Square.

Exam #1: March 13th
 Chapter 5

Exam #2: April 10th
 Exponential and Logarithmic functions

Final Exam: May 22nd
 Cumulative, Conic Sections, Trigonometry

School Policies

The prerequisite for Math 95 is either a grade of B- or better in Algebra 2, MTH 65 or MTH 70 within the past year or passing a placement test through the testing office.

If you need support or assistance because of a disability, you may be eligible for academic accommodations through Disability Services. For more information, contact Disability Services at (541) 463-5150 (voice) or 463-3079 (TTY), or stop by

Grading Break Down

98-100%	A+
93-97%	A
90-92%	A-
88-89%	B+
82-87%	B
80-81%	B-
78-79%	C+
72-77%	C
70-71%	C+
0-69%	I

To stay consistent with A³ policies, every student receiving below a 70% will receive an incomplete in the course. To make up this incomplete, students will be required to make up missing assignments or redo low scoring assignments.

Resources

Class Website: The class website <http://a3shiloh.weebly.com> will have all assignments, an up to date course calendar, and announcements posted. There is also a homework forum available for students to ask me, as well as each other for help.

Khan Academy: For extra lectures and practice, khan academy is a great resource. <http://www.khanacademy.com>

Tentative Course Schedule

Semester 1, 2013

Week	Monday (90 min)	Wednesday (90 min)	Friday (90 min)
1 Sept 9-13	Intro to class Syllabus Placement Tests Review	Chapter 1 Review	Afternoon HW #1 Due HW Quiz #1 Chapter 2 Review
2 Sept 16-20	Section 4.1	Section 4.2/4.3	Morning HW#2 Due HW Quiz #2 Section 4.5 Tutoring Logs Due
3 Sept 23-27	Review Chapters 1,2 and 4	Exam #1	Afternoon Section 5.1 Project Intro
4 Sept 30-Oct 4	Section 5.2	HW#3 due HW Quiz #3 Project work time Tutoring Logs Due	No Class
5 Oct 7-11	Project Presentations	HW#4 due HW Quiz #4 Section 5.6	No Class
6 Oct 14-18	Section 5.7	Review	Afternoon Exam #2 Tutoring Logs Due
7 Oct 21-25	Section 6.1	Section 6.1 Continued	Morning HW#5 due HW Quiz #5 Section 6.2
8 Oct 28-Nov 1	Section 6.3	Section 6.3 Continued	Afternoon HW#6 due HW Quiz #6 Section 6.4 Tutoring Logs Due
9 Nov 4-8	Section 6.4 Continued	HW#7 due HW Quiz #7 Section 6.4 Continued	No Class

Week	Monday (90 min)	Wednesday (90 min)	Friday (90 min)
10 Nov 11-15	Furlough Day No Class	HW#8 due HW Quiz #8 Section 6.5 Tutoring Logs Due	No Class
11 Nov 18-22	Section 6.6	Section 6.6 Continued	Afternoon HW#9 due HW Quiz #9 Section 6.7
12 Dec 1-6	Furlough Day No Class	Review	No Class
13 Dec 9-13	Final Exam	Mini Project Work Time	Afternoon Mini Project Presentations Tutoring Reflection