

Math 30 Intermediate Algebra Syllabus Spring 2012

Instructor: Andrew Koines

Time and Place:

CRN 31480 MW 12:45pm - 02:50pm, Math Wing 151 Office: Lewis 204

Office Hours: MTWR 9:00-9:30am, Friday 9-11am, 1/30-5/27/2012

Text Book: *Intermediate Algebra, Eighth Edition*, Bittenger Ellenbogen

Webpage: andrewmath.com

Classroom Behavior

Please come to class on time.

Please silence your cell phone.

Please try to refrain from coming and going from the room during the class time.

Please do not talk while the instructor is explaining a math concept.

Please do not make remarks that might be considered threatening or discriminatory.

Attendance If a student misses class during the first two weeks of the semester, then the student shall be dropped from the class.

Contacting the Professor Students should speak to the professor in person when communicating with the professor. If a student uses email to communicate with the professor, then the student should use his or her OCC email account.

Tests and Grading: Below is a tentative summary of the possible points in the class. It is possible that fewer tests will be given. The final exam is given on the Wednesday of the last week of the semester. It will not be given at any other day or time.

	<u>points</u>
Chapter Test 1-11 (60 points each)	660
Homework	80
Final Exam	200
Total Points	940

The final grade in the class is determined by the following scale.

- A 90-100%
- B 80-89%
- C 70-79%
- D 60-69%
- F 0-59%

Tests: At the end of the semester, one make-up test will be offered. Students who have taken all tests can retake a test to replace a low score. If a student misses a test, then this will be the student's chance to make up that test. Students will not be allowed to make up more than one test. Students will not be allowed both a make-up test and a do-over test regardless of the circumstances.

Homework: Homework will be collected each Monday. Each assignment will be worth 5 points. To get full credit, students must do the problems, not just copy the solutions from the solution guide.

Calculators: Calculators will not be allowed for tests.

Incompletes: There will be no incomplete grades given. If a student misses the final exam, then a grade of F will be given.

Student Success Center The Student Success Center offers many free services for students. Tutors can help you with course concepts and study strategies for many subjects, including math. The Center offers both appointment and walk in assistance. It is located in Room 103 of the Classroom and Labs Building (under the blue clock tower.) For hours and further information stop by the center or visit their website at www.orangecoastcollege.edu/student_services/student_success_center.

Note on the Textbook: Students should also be able to use older editions of the textbook.

Academic Dishonesty: If you are caught cheating on a test, you will get a zero on that test. Moreover, this test score cannot be made up. A report will be submitted to the Dean of Students.

An electronic copy of your completed exams will be made for my records.

Gifts: All gifts will be returned.

Topics Covered:

- Chapter 1 Algebra and Problem Solving
- Chapter 2 Graphs, Functions, and Linear Equations
- Chapter 3 Systems of Linear Equations and Problem Solving
- Chapter 4 Inequalities and Problem Solving
- Chapter 5 Polynomials and Polynomial Functions
- Chapter 6 Rational Expressions, Equations, and Functions
- Chapter 7 Exponents and Radicals
- Chapter 8 Quadratic Functions
- Chapter 9 Exponential and Logarithmic Functions
- Chapter 10 Conic Sections
- Chapter 11 Sequences, Series, and the Binomial Theorem

Student Learning Outcomes: Students will be able to:

1. Solve linear and nonlinear equations and inequalities by performing mathematical operations on complex numbers, algebraic, exponential and logarithmic expressions.
2. Solve systems of linear equations and inequalities.
3. Evaluate and analyze the characteristics of different types of functions.
4. Solve mathematical application problems by applying critical thinking skills and express the solution in oral or written form.