

Odessa College
Intermediate Algebra
SPRING – 2012
1/17/2012-05/11-2012

Instructor: Valerie Hammit
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Course Number: 0375

Credit Hours: 3

A developmental course that provides a study of real number operations, linear equations and inequalities including systems, function notation, quadratic inequalities, exponents and radicals, polynomial and radical equations, and their graphs. The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning, and problem solving. Credit is not transferable. This course does not satisfy requirements for any degree plan at Odessa College. Placement testing is available. Attendance is mandatory for TASP/THEA liable students. Lab fee required. (SCANS 3, 8, 9)
Prerequisite: MATH 0372 passed with a C or better or satisfactory placement score.
Co-requisite: 14 hours in the Math Academic Resource Lab

Course Objectives

- 1.0 Performing algebraic operations on rational expressions and equations.
 - 2.0 Performing algebraic operations on functions and graphing functions.
 - 3.0 Solving systems of linear equations and applied problems.
 - 4.0 Solving compound and absolute value inequalities, using basic arithmetic operations with rational expressions and solving applied problems.
 - 5.0 Using basic algebraic operations on radicals and complex numbers, simplifying radicals, and solving applied problems with radicals.
 - 6.0 Solving quadratic equations by the technique of completing the square and using the quadratic formula and solving applied problems involving quadratic equations.
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Textbook: *Elementary and Intermediate Algebra*; Bittinger, 4e
MyMath Lab Software: all homework done with this software

Attendance:

You will receive ½ of an absence if you arrive more than 15 minutes late or leave class early. You will also be counted absent for sleeping during class. For MW classes, 5 absences are allowed. When a student has exceeded the allowed number of absences, he/she will receive an **F** in that developmental class. Do not simply stop attending class without visiting with me first or properly withdrawing.

Technology:

Students must have a valid e-mail address to register for computer software. The email address that you use to register your software will be the email address to which I will send any information or announcements. Please check this account regularly. It is recommended that you use your Odessa College email address. All work is done through the internet, so you need internet access. If you do not have access to the internet, you may use the computers in the math lab.

Method of Evaluation: Homework: 30%
Quizzes: 10%
Test: 40%
Final Exam: 20% (Final is comprehensive & mandatory)

Percentage (%)	Grade
90-100	A
80-89.9	B
70-79.9	C
60-69.9	D
Below 60	F

**No Make-up on Homework or Tests!! Make prior arrangements.
No Late Homework Accepted.
Failure to take Final Exam will result in receiving an F for the class**

Homework Due Dates:

SEE ATTACHED TENTATIVE SCHEDULE OF ASSIGNMENTS

NOTES: Notes will be given during each class that is not scheduled for a test. Therefore, good attendance will contribute to a better understanding of the material.

Communication

Communication plays a vital role in a student's success. Any email I receive will be answered within 2 business days.

Exams-

We will cover one to two sections each class with quizzes given at the end of class on most days. There is an exam at the end of each chapter and a cumulative final. **NO MAKEUP TESTS WILL BE GIVEN.** Make **PRIOR** arrangements if you will miss class on **EXAM** day.

Tutoring

Tutoring is available through Developmental Studies and in the OC Math Lab. The hours for the math lab are Mon-Thurs 8:30 AM – 8:30 PM, Friday from 8:30 AM – 1:00 PM, and Sunday from 1:00 PM – 5:00 PM. Group tutoring is also available.

Dropping

The last day to drop a course at Odessa College for the spring semester is 4-13-12.

Back-Up Plan

You must have a back-up plan for this course in case your primary computer fails during the semester. Please detail the location of the two computers in your student information sheet.

Cheating: Cheating is not tolerated in my class. The 1st time you are caught cheating on a paper, homework, assignment, or test, you will receive a 0 for that assignment. The 2nd time you are caught cheating, you will be removed from my class permanently and receive an F for the course. If you are caught letting someone copy your paper, you will receive the same punishment.

SPECIAL NEEDS: Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the office of Disability Services at 335-6861 to request assistance and accommodations.

Learning Resource Center (The Library)

The Library, known as the Learning Resources Center, provides research assistance via the LRC's catalog (print books, videos, e-books) and databases (journal and magazine articles). Research guides covering specific subject areas, tutorials, and the "Ask a Librarian " service provide additional help.

Student Email

Please access your [Odessa College Student E-mail](http://www.odessa.edu/gmail/), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

Student Portal**Technical Support**

For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at https://www.odessa.edu/dept/ssc/helpdesk_form.htm.

Important School Policies

For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or student's and instructors' right to academic freedom can be found in the Odessa College Student Handbook.