

Odessa College
Intermediate Algebra-Web Based
Summer 1 2012

Instructor: Nikki Handley ET 102 335-6751
E-mail: nhandley@odessa.edu – this is best way to contact me
Course Number: 0375.wb9_wb6

Webpage: <http://www.odessa.edu/dept/math/nhandley>

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

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

Technology:

Online 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: Discussion Boards: 10%
Homework: 35%
Test: 40%

Final Exam: 15% (Final is comprehensive & mandatory)

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

Failure to take Final Exam will result in receiving an F for the class

Homework Due Dates:

Chapter	Sections	Homework due	Test available
6	6.1-6.6	6-11	6-10 & 6-11
7	7.1-7.4	6-15	6-14 & 6-15
8	8.1-8.2	6-20	6-19 & 6-20
9	9.1-9.3	6-20	6-19 & 6-20
10	10.1-10.8, no .7	6-28	6-27 & 6-28
11	11.1-11.3, .6, .7	7-5	
			Final exam 7-3 & 7-5

NOTES: **You can print out the notes for class at**
<https://sites.google.com/site/inter375>

Communication

Communication plays a vital role in an online student's success. Communication methods for this course include announcements, email, and discussion boards. You are required to participate in the discussion boards. Each student should submit one meaningful post in the discussion boards each week. You will earn credit for meaningful posts to the discussion boards. Idle chitchat and non-meaningful posts will not count towards your grade.

Exams

You are allowed two attempts on each of the test. I strongly suggest that you take your first attempt at least one day prior to the due date to allow time for studying your mistakes and improving your grade, if needed. The final exam is comprehensive and will be proctored. You must present a picture ID before taking the final exam. All students will take the final exam in the Math Lab located in the OC Mathematics Department. The final exam is comprehensive. You will not be allowed to bring your cell phone into the final exam area. If you do not take the final exam, you will receive an F for the course.

Tutoring

Tutoring is available in the OC Math Lab. The hours for the math lab are Mon-Thurs 8:30 AM – 8:30 PM.

Dropping

The last day to drop a course at Odessa College for this semester is 6-26-12.

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.

Office Hours: By appointment during the summer.

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 students and instructors' right to academic freedom can be found in the Odessa College Student Handbook.