

Odessa College
Intermediate Algebra-Web Based
Spring 2011
01/18/2011 – 05/13/2011

Instructor: Nikki Handley ET 102 335-6751

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Course Number: 0375.wb9

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.

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: 30%
 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 Test!! Make prior arrangements.
 No Late Homework Accepted.
 Failure to take Final Exam will result in receiving an F for the class**

Homework Due Dates:

- Week 1:** Register MyMath lab
 Read all info about class on instructor web-site and in MyMath lab
 Discussion Board: Introduction
 Sections 6.1 – 6.2 due by midnight Sunday night
- Week 2:** Discussion Board: Scavenger Hunt complete and e-mail to instructor
 Sections: 6.3 – 6.4 due by midnight Sunday night
 Complete sections 6.1 – 6.2 if not finished
- Week 3:** Discussion Board: Taking Notes in your Math Course
 Sections 6.5 – 6.6 due by midnight Sunday night
- Week 4:** Discussion Board: Test Taking Strategies
 Review Chapter 6 to get ready for test
 Chapter 6 test: open Thursday through Sunday
- Week 5:** Discussion Board: Time Management
 Sections 7.1, 7.2, & 7.3 due by midnight Sunday night
- Week 6:** Discussion Board: Learning Styles
 Sections 7.4 due by midnight Sunday night
 Chapter 7 Review
 Chapter 7 test: open Thursday through Sunday
- Week 7:** Discussion Board: S.O.S. MATHEMATICS
 Sections 8.1 – 8.2 due by midnight Sunday night
- Week 8:** Discussion Board: Study Skills Websites
 Sections 9.1 – 9.2 due by midnight Sunday night
- Week 9:** Discussion Board: Other Useful Web-sites
 Sections 9.3 due by midnight Sunday night

- Chapter 8 & 9 Review
Chapter 8 & 9 test: open Thursday through Sunday
- Week 10:** Discussion Board: Open Discussion
Sections 10.1 – 10.3 due by midnight Sunday night
- Week 11:** Discussion Board: The MyMath lab Program
Sections 10.4 – 10.6 due by midnight Sunday night
- Week 12:** Discussion Board: Support for College
Section 10.8 due by midnight Sunday night
Chapter 10 Review
Chapter 10 test: open Thursday through Sunday
- Week 13:** Discussion Board: Greatest Success or accomplishment
Sections 11.1 – 11.3 due by midnight Sunday night
- Week 14:** Discussion Board: About the Class
Sections 11.4 – 11.6 due by midnight Sunday night
- Week 15:** Discussion Board: Preparing for Final
Section 11.7 due by midnight Sunday night
Study and review for final
Final opens on May 7th (Must be taken in ET 120)
- Week 16: Discussion Board: No discussion board**
Final exam must be taken by close of day Tuesday, May 11th (Must be taken in ET 120)

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 1 meaningful threads in the discussion boards each week. You will earn credit for meaningful posts to the discussion boards through May 6th. Idle chitchat and non-meaningful posts will not count towards your grade. Any emails I receive will be answered within 2 business days.

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 and will be due by **9:30** PM on May 10th. 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 through Developmental Studies and in the OC Math Lab. The hours for the math lab are Mon-Thurs 8:00 AM – 9:30 PM, Friday from 8:00 AM – 5:00 PM, Saturday and Sunday from 1:00 PM – 5:00 PM.

Dropping

The last day to drop a course at Odessa College for the spring semester of 2011 is Thursday April 14.

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. Cheating also includes copying answers out of the back of the book. All work must be shown on homework paper that is turned in. Any homework turned in that shows only answers will receive a 0. 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.

Office Hours: Monday: 8:15 – 10:00 am
Tuesday: 8:15 - 9:30 am
Wednesday: 8:15 – 10:00 am
Thursday: 8:15 - 9:30 am
Friday: 8:00 – 10:00 am

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.

