

Course Syllabus

Department : Mathematics
Course Title : Introductory Algebra
Section Name : MATH_0372_1
Start Date : 01/18/11
End Date : 05/13/11
Modality : FACE-TO-FACE
Credits :

Instructor Information

Name : Debra Lackey
OC Email : dlackey@odessa.edu
OC Phone # : (432) 335-6360

Course Description

A developmental course that introduces elementary algebra with some arithmetic review. Includes signed numbers and rational numbers with operations through exponentiation; algebraic expressions and their operations; linear equations and inequalities including applications, 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.

Prerequisites/Corequisites

MATH 0371 passes with a C or better or satisfactory placement score.

Scans

3,8, 9

Course Objectives

After completing this course, the student should be able to demonstrate competency in:

- 1.0 Performing algebraic operations with real numbers.
- 2.0 Solve equations and inequalities and solve applied problems.
- 3.0 Graph equations and inequalities.
- 4.0 Verify equivalent expressions and perform basic operations with polynomials.
- 5.0 Perform polynomial operations and factoring algebraic expressions.

Developmental attendance policy

Attendance in a developmental class is mandatory. Students who exceed the number of absences may not earn a passing grade in the course. Any exception to these guidelines is at the discretion of the instructor.

All developmental students must sign a Notification of Attendance Requirement, which will be kept on file.

- MWF class 7 absences
- TTH or MW class 5 absences
- 8 week class 5 absences
- Summer class 4 absences

Developmental students retesting during the semester

Students must score high enough to meet the requirements of the next level class. If this happens, they may do one of the following options:

- (1) Take a PA and be finished with the course; or
- (2) Complete the class and receive a letter grade for the course.

C or better in MATH 0371 & 0372 & 0375

Students must make a C or better before advancing to the next math course.

Math Lab

All developmental students are required to attend. NO exceptions. Lab time accounts for 14% of their course grade. NO exceptions. Long semesters required 14 hours. Summer semesters and 8 week classes require 7 hours.

Withdrawing developmental students

Students may exit a developmental math class with a W but that option may only be determined during a mandatory advisement session with the instructor department chair or coordinator.

Rules of the Classroom

Attendance:

Attendance is mandatory in order to succeed in this class.

Punctuality:

Be on time for class. Class will start on time.

Courteous:

Please be courteous. Be considerate of others.

Homework:

Homework will be assigned for each section. The homework is due the next class period. All work is to be done in PENCIL. One should do all homework assignments.

Quizzes:

There will be periodic quizzes. These quizzes will be given at the end of class.

Tests:

Each test will be given at the due date. The final exam is comprehensive.

Required Readings/Materials

You must purchase the following *required* readings/materials: *Elementary & Intermediate Algebra* by Bittinger, Ellenbogen & Johnson, 5th edition book.

Course Requirements (Lectures, Assignments and Assessments)

The course will consist of homework assigned by section, quizzes, chapter tests, and a comprehensive final exam.

Summary of Assignments & Activities

THIS IS A TENTATIVE. DATES ARE SUBJECT TO CHANGE.

SPRING BREAK MARCH 14 – MARCH 18, 2011

Item(Name)	Type	Description	Assigned Due next class
HW 1.1	Homework	Homework for section 1.1	January 19, 2011
HW 1.2	Homework	Homework for section 1.2	January 21, 2011
HW 1.3	Homework	Homework for section 1.3	January 24, 2011
QUIZ #1	Quiz	Quiz for chapter 1	TBA
HW 1.4	Homework	Homework for section 1.4	January 26, 2011
HW 1.5	Homework	Homework for section 1.5	January 28, 2011
HW 1.6	Homework	Homework for section 1.6	January 31, 2011
QUIZ #2	Quiz	Quiz for chapter 1	TBA
HW 1.7	Homework	Homework for section 1.7	February 02, 2011
HW 1.8	Homework	Homework for section 1.8	February 04, 2011
Chapter 1 Test	Test	Chapter 1 Test	February 09, 2011
HW 2.1	Homework	Homework for section 2.1	February 07, 2011
HW 2.2	Homework	Homework for section 2.2	February 11, 2011
HW 2.3	Homework	Homework for section 2.3	February 14, 2011
QUIZ #3	Quiz	Quiz for chapter 2	TBA
HW 2.4	Homework	Homework for section 2.4	February 16, 2011
HW 2.5	Homework	Homework for section 2.5	February 18, 2011
HW 2.6	Homework	Homework for section 2.6	February 21, 2011
QUIZ #4	Quiz	Quiz on Chapter 2	TBA
HW 2.7	Homework	Homework for section 2.7	February 23, 2011
Chapter 2 Test	Test	Chapter 2 Test	February 25, 2011

HW 3.1	Homework	Homework for section 3.1	February 28, 2011
HW 3.2	Homework	Homework for section 3.2	March 02, 2011
HW 3.3	Homework	Homework for section 3.3	March 04, 2011
HW 3.4	Homework	Homework for section 3.4	March 07, 2011
QUIZ #5	Quiz	Quiz on Chapter 3	TBA
HW 3.5	Homework	Homework for section 3.5	March 09, 2011
HW 3.6	Homework	Homework for section 3.6	March 21, 2011
HW 3.7	Homework	Homework for section 3.7	March 23, 2011
Chapter 3 Test	Test	Chapter 3 Test Sections 1-5	March 10, 2011
HW 4.1	Homework	Homework for section 4.1	March 25, 2011
HW 4.2	Homework	Homework for section 4.2	March 28, 2011
HW 4.3	Homework	Homework for section 4.3	March 30, 2011
QUIZ #6	Quiz	Quiz on chapter 4	TBA
HW 4.4	Homework	Homework for section 4.4	April 01, 2011
HW 4.5	Homework	Homework for section 4.5	April 04, 2011
HW 4.6	Homework	Homework for section 4.6	April 06, 2011
QUIZ #7	Quiz	Quiz on chapter 4	TBA
HW 4.7	Homework	Homework for section 4.7	April 08, 2011
HW 4.8	Homework	Homework for section 4.8	April 11, 2011
Chapter 4 Test	Test	Chapter 4 Test	April 15, 2011
HW 5.1	Homework	Homework for section 5.1	April 13, 2011
HW 5.2	Homework	Homework for section 5.2	April 18, 2011
HW 5.3	Homework	Homework for section 5.3	April 20, 2011
QUIZ #8	Quiz	Quiz on chapter 5	TBA
HW 5.4	Homework	Homework for section 5.4	April 25, 2011
QUIZ #9	Quiz	Quiz on chapter 5	TBA
HW 5.5	Homework	Homework for section 5.5	April 27, 2011

HW 5.6	Homework	Homework for section 5.6	April 29, 2011
HW 5.7	Homework	Homework for section 5.7	May 02, 2011
HW 5.8	Homework	Homework for section 5.8	May 02, 2011
Chapter 5 Test	Test	Chapter 5 test	May 06, 2011
Final Exam	Final Exam	Comprehensive final	May 09, 2011 8:00 - 10:30 a.m.

Grading Policy

Class Grade: HOMEWORK 20% TESTS 50%

QUIZZES 10% FINAL 20%

COURSE Grade: 14% lab 86% class grade

A tentative schedule of assignments and tests will be given. We will cover chapters 1-5 with a test at the end of each chapter and a cumulative final. **MAKE PRIOR ARRANGEMENTS IF YOU WILL MISS CLASS ON TEST DAY.** Quizzes will be given over any previously covered material. No grades are dropped.

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

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 432-335-6861 to request assistance and accommodations.

Learning Resource Center (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 E-mail

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

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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](#).