

# Math 1314.3 – College Algebra

## Odessa College Fall 2011

### Dr. Christopher Walker

#### Course Information:

- Course: College Algebra
- Day/Time: MWF 10:00am – 10:50am
- Room: ET 110
- Start Date: August 22nd, 2011
- End Date: December 9th, 2011

#### Professor Information:

- Office: ET 107
- Office Hours: MW 2:00pm-5:00pm, TR 10:00am-11:00am and 2:00pm-3:00pm.
- Phone: 432-335-6637
- Email: [cwalker@odessa.edu](mailto:cwalker@odessa.edu)

**CATALOG DESCRIPTION:** Includes sets, complex numbers, quadratic and quadratic form equations, inequalities, functions, systems of equations and topics selected from logarithmic functions, matrices, determinants, binomial theorem, math induction and sequences and series. The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning and problem solving. The student should be able to probe for mathematical meanings and describe these meanings to others. Placement testing available. (SCANS 3, 8, 9, 11)

**TEXTBOOK:** *College Algebra* by Robert Blitzer. Fifth Ed. *This Text is Recommended.*  
MyMathLab access is required for this course.

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

- Functions and graphs
- Polynomials and rational functions
- Exponential and logarithmic functions
- Systems of equations and matrices
- Conic sections
- Other topics in algebra

**Homework:** All homework for this course will be completed use the MyMathLab software. The homework for this class can be accessed through the Course Compass website at <http://pearsonmylabandmastering.com>. The Course ID for this class is **walker12989**. There will be an assignment for each section of the book covered. Each week's assignments will be made available Monday morning, and will be due by the following Monday morning before class begins. Computer access is available several places on campus including the Math Lab (ET120) and the Learning Resource Center (Which is open 7 days a week).

**Exams:** There will be 5 exams for the class (Chapters 2, 3, 4, 5-6, 8) and 1 final exam which will cover all 5 chapters. The exam schedule will be as follows:

- Exam 1: Friday, September 9th
- Exam 2: Friday, September 30th
- Exam 3: Friday, October 21st
- Exam 4: Friday, November 11th
- Exam 5: Monday, November 28th
- Final Exam: Monday, December 5th 11:00am-1:30pm

Students will be given sufficient notice of any date changes for these exams.

**Course Grades:** Grades will be given based on the percentage of total possible points earned during the class. Each part of the class is weighted as follows:

Homework: 30%	Chapter Exams: 50%	Final Exam: 20%
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**Attendance:** Although attendance does not factor into the final course grade, attendance will be taken at the beginning of each class period.

**Tutoring:** There are tutoring services available through the Math Lab in ET 120, and through the Student Service Center (SSC) in the Learning Resource Center.

**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 (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](#), 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.**

**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](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.