

Math 1314.14 – College Algebra

Odessa College Spring 2012

Dr. Christopher Walker

Course Information:

- Course: College Algebra
- Day/Time: TR 12:30pm – 1:50pm
- Room: ET 122
- Start Date: January 17th, 2012
- End Date: May 8th, 2012

Professor Information:

- Office: ET 107
- Office Hours: MW 12:00pm-1:00pm and 3:00pm-5:30pm, TR 11:00am-12:30pm.
- Phone: 432-335-6637
- Email: cwalker@odessa.edu

CATALOG DESCRIPTION: In depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

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

LEARNING OUTCOMES: Upon successful completion of this course, students will:

1. Demonstrate understanding and knowledge of properties of functions, which include domain and range, operations, compositions, and inverses.
2. Recognize and apply polynomial, rational, radical, exponential, and logarithmic functions and solve related equations.
3. Apply graphing techniques.
4. Evaluate all roots of higher degree polynomial and rational functions.
5. Recognize, solve and apply systems of linear equations using matrices.

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 **walker30029**. There will be an assignment for each section of the book covered. Each assignment will be made available after the section is taught in class. PLEASE PAY ATTENTION TO DUE DATE! 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).

Quizzes: There will be a short 15 minute quiz given at the end of each week (except on the exam days listed below).

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: Thursday, February 2nd
- Exam 2: Thursday, February 23rd
- Exam 3: Thursday, March 22nd
- Exam 4: Thursday, April 12th
- Exam 5: Tuesday, May 1st
- Final Exam: Tuesday, May 8th 2:00pm-4:30pm

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: 20%	Quizzes : 20%	Chapter Exams: 40%	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](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.**

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.