

# Math 2413.514 – Calculus I

## Odessa College Fall 2011

### Dr. Christopher Walker

#### Course Information:

- Course: Calculus I
- Day/Time: MTWR 12:00pm – 12:50pm
- 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)

**Course description:** Presents a study of rate of change of functions, limits, derivatives of algebraic and trigonometric functions, integration and applications. 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 meaning and, perhaps, describe these meanings to others. (SCANS 3,8,9,11)

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

- Limits and continuity
- The derivative
- Applications of the derivative
- Integrals
- Logarithmic, Exponential, and Other Transcendental Functions

**Text:** Calculus. By Larson and Edwards, 9<sup>th</sup> ed. *This Text is Required.*

**Material to be covered:** Chapters 1 – 5

**Homework:** Homework will be assigned for each section covered in lecture. Homework will be collected on a weekly basis, usually on Monday at the beginning of class. It is encouraged to work with other students on homework assignments and to seek help from the instructor or a tutor, but the final write-up is the responsibility of each student and should be done individually. More information will be provided in class on how each assignment should be formatted.

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

- Chapter 1 Exam: Thursday, September 8th
- Chapter 2 Exam: Thursday, September 29th
- Chapter 3 Exam: Thursday, October 21st
- Chapter 4 Exam: Thursday, November 11th
- Chapter 5 Exam: Tuesday, November 29th
- Final Exam: Thursday, December 8th 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.