

**Math 2144: Calculus I (Section 009)**  
Spring 2013

**Instructor:** Melissa Mills

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**Email:** memills@math.okstate.edu

**Office Hours:** By appointment

**Online Classroom:** oc.okstate.edu

**Course time and Classroom:** MWF from 8:00 - 9:15 a.m. in NCLB 203

**Prerequisites:** A satisfactory score (minimum 70) on the ALEKS placement exam, or a grade of C or better in a college level course in Trigonometry or Pre-Calculus

**Required Materials:** (1) Textbook: Calculus: Early Transcendentals, 2<sup>nd</sup> Edition, by Jon Rogowski, and (2) Online homework system WebAssign (<http://www.webassign.net>)

Note that if you buy your book someplace other than one of our local bookstores, you may have to buy WebAssign access directly from WebAssign, which will cost at least \$38 per semester. Our bookstore sells the textbook bundled with life of the edition access to WebAssign for a reasonable combined price. You must go online and enroll yourself in WebAssign with access to our section as soon as possible:

The class key for our section is **okstate 7655 3774**

**Course Objectives:** This is the first course in the three-semester calculus sequence. Calculus deals with functions, mathematical objects that relate two varying quantities, and the rules that govern the rates at which one of these quantities changes or accumulates with respect to the other. Our goal in this course is to ensure that you understand the concepts and tools of Calculus, that you master the skills required to use those tools, and that you will be able to apply those ideas to solve problems in many disciplines.

**Cell phones:** Cell phones **MUST** be turned off and **OUT-OF-VIEW** during class. Cell phones cannot be used during class for any purpose; this includes, but is not restricted to, making or receiving phone calls, sending or receiving text messages, taking photographs during class, or using a cell phone for calculations.

**Examinations:** You are required to show all steps in your solutions. No access to notes or books will be allowed during exams. There will be three preliminary 50 minutes exams, and a comprehensive final exam. Exams will be given as follows:

- Exam 1 on **Wednesday, Feb 6th**
- Exam 2 on **Wednesday, March 13th**
- Exam 3 on **Wednesday, April 17th**
- Final on **Wednesday, May 1** from 4:00-5:50 p.m. (in CLB 103)

**Calculator Usage on Exams:** You are allowed to use a TI-83 or TI-84 calculator on exams, or a calculator that is approved by me in advance. The main issue is that you may not use a calculator that has a computer algebra system (CAS). **Therefore, a TI-89 is NOT acceptable.** You can check out an acceptable calculator from Math department (go to MS401).

**Make-up Exams:** **You must take all the exams at the scheduled times.** Makeup exams will be given only for very serious and unavoidable conflicts or emergencies and only if your request to present a make-up examination is approved by your instructor **in advance**. If this condition is not satisfied, it is understood that the opportunity to present a make-up examination is voided.

**Quizzes:** Quizzes will come in two forms. **Before** each class session, you will be required to read the section and take a reading comprehension quiz on D2L, due at **midnight** the night before the section is covered in class. There will also be in-class quizzes every Wednesday. The in-class quizzes will be taken **without a calculator.** (Timed Assessments on Web Assign are not graded, but are preparation for SI sessions)

**Web Assign Homework:** We will be using the Web Assign online homework grading system for homework. **Web Assign Homework is due at 11:30pm.**

**Written Web Assign Homework:** You will be required to turn in your written work for your Web Assign homework at the next class meeting. This must be written up legibly with problems numbered in the left margin and you must circle the problem number of the problems that were incorrect in Web Assign. This will help you as you study, because it will prevent you from studying incorrect work.

**Group Homework:** There will be approximately 8 assignments that will be completed in your groups. You will have some time to work in class, but the majority of the work will be done outside of class.

**Attendance:** Students with no more than 4 absences will receive 2% bonus on your final grade. Each absence after that will deduct 0.5% from the bonus points.

**Course Grades:** The course grade will be determined as follows:

Quizzes	10%
Web Assign HW	10%
Written Web Assign HW	2%
Group Homework	8%
Exams (Option 1 or 2, whatever helps your grade)	70%

**Option 1 :**

Exam 1, 2, 3	15% each
Final Exam	25%

**Option 2:**

Exam 1, 2, 3	10% each
Final Exam	40%



The course averages given below guarantee the stated grade. These cutoff scores may be lowered if circumstances warrant:

- 90% guarantees the grade of A in the course,
- 80% guarantees the grade of B,
- 70% guarantees the grade of C,
- 60% guarantees the grade of D.

**Supplemental Instruction (SI):** This course has been assigned an undergraduate SI teaching assistant, Martha Gipson. She will be attending class, doing some grading, and teaching SI sessions. Her sessions are on Tuesdays from 3:30-4:30pm and 4:30-5:30pm in MSCS 422. She will discuss the timed assessments in Web Assign, linking them to review topics and the Calculus content covered in class. The in-class quiz on Wednesdays will be based on the Calculus content presented in the SI sessions.

**The Mathematics Learning Success Center (MLSC)** is on the fourth floor of the Classroom Building and on the first floor of the Edmon Low Library. The MLSC has tutors who are able to work with students from Calculus I and help you with your questions. Hours for Calculus I will take place in the Library during the following hours:

- Monday through Thursday from 1:00 PM until 9:00 PM;
- Friday from 1:00 PM until 5:00 PM;
- Sundays from 3:00 PM until 9:00 PM.

**Special Accommodations:** If any member of this class feels that he/she has a disability and needs special accommodations of any nature whatsoever, he/she should notify me and request verification of eligibility for accommodations from the Office of Student Disability Services, 315 Student Union. Please advise me of such disability as soon as possible, and contact Student Disability Services, to insure timely implementation of appropriate accommodations. I have an obligation to respond when I receive official notice of a disability but am under no obligation to provide retroactive accommodations.

**Note:** Circumstances may require changes to any of the dates, policies, or other material contained in this syllabus. Any such changes will be announced during class. It is the student's responsibility to attend class regularly and keep informed of any changes.

**Important Dates:**

- Monday, January 14, 2013: Last day to drop a course with no grade and no fees.
- Friday, January 18, 2013: Last day to drop a course with 50% fees and grade of "W"
- Monday, January 21, 2013: MLK Day.
- Tuesday, February 19, 2013: Six-week grades are due
- Spring Break Week: March 18-22, 2013
- Friday, April 5, 2013: Last day to drop or withdraw with an automatic grade of "W"
- Friday, April 19, 2013: Last day to drop with an assigned grade of "W" or "F."
- April 22-26, 2013: Pre-Finals Week
- April 29 – May 3, 2013: Finals Week