MATH 2144, CALCULUS I, SYLLABUS

Section 12, MWRF 12:30PM - 1:20PM

Instructor: Lizhi Chen, MSCS 440, (405)744-8049
Email: `lchen@math.okstate.edu`
Online Classroom (D2L): `oc.okstate.edu` (Main location of class resources and grades)
WebAssign: `www.webassign.net` (For homework)
URL: `http://www.math.okstate.edu/~lchen/Teaching/2013Spring/2144.html` (Small website outside D2L)

Office hours: 8:30AM - 10:00AM on Monday and Tuesday, other time by appointments.

Text: *Calculus, Early Transcendentals*, 2nd edition, by Jon Rogawski.

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.

EXAMINATIONS: There will be three exams given during class in our normal classroom on the dates **Wednesday Feb. 6**, **Wednesday Mar. 13**, and **Wednesday Apr. 17**.
A comprehensive final exam will be given on

Wednesday, May 1, 4:00–5:50 PM at CLB 303.

Students with extremely serious conflicts with exam dates must warn me well more than one week in advance) of the exams, and we may be able to work out some alternative arrangement.
You are required to show all steps in your solutions. If the answer is required to be **exact**, for full credit you must give simplified exact formulas for the answer. For example, $\sqrt{2}$ is an exact formula while 1.414 is only a numerical approximation to $\sqrt{2}$.
No access to notes or books will be allowed during exams.

Homework: All regular homework must be completed in the online system WebAssign. The online homework is on a per section schedule and you must devote regular efforts to complete this homework. That will mean about 2 or 3 assignments a week. If you miss an assignment or miss some problems on an assignment deadline, there are no extensions, but there will be opportunities to make up some lost points on later assignments.

You should enroll at www.webassign.net using the class code **okstate 7106 9256**
If you have not registered with WebAssign before, please give your full name and Campus Wide ID in the enrollment form.

It is strongly recommended that you use the **Notifications** service within WebAssign to send you an email 24 hours in advance of assignment due dates as a reminder.

Some sites you may find useful are below:

- Self Enrollment Instructions

- Student's Guide to WebAssign

Working problems in the textbook is also strongly recommended. Answers to the odd-numbered questions are in the back of the text, and should be read carefully. It is your responsibility to complete enough problems to be prepared for the exams. Please take note of problems you would like to discuss in class and be sure to press me to go over them.

Grading: The Course Final Grade will be based on the following requirements:
The three hourly exams and the comprehensive final exam will be worth 70% of your grade. Course grades are determined in one of two ways, whichever produces a higher average:

- Option 1: Hourly exams 15% each, Final exam 25%
- Option 2: Hourly exams 10% each, Final exam 40%

WebAssign Assignments will be worth 10% of your grade.

Written Assignments and Quizzes will be worth 20% of your grade. Quizzes will be unannounced and over the content covered in class, in the text, and from the WebAssign online system. At a minimum 12 quizzes will be given, each worth a maximum of 10 points. The ten highest scores will be used as the Quiz Score and will count for 10% of your grade. There will also be about 8-10 written assignments that will count for 10% of your grade.

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.

Calculator: Graphing calculators can be a valuable tool for investigating, learning, and applying the ideas of calculus throughout the sciences and engineering. However, facility with calculator usage is not a substitute for your own conceptual understanding or procedural skill. In this course, graphing calculator usage will be permitted on exams as long as your calculator does not have wireless or internet capability, a QWERTY keyboard, or a camera. If you do not own an acceptable graphing calculator, you may borrow one from the Math Department office without charge, starting Tuesday, January 8. Free response exam questions will always require you to show all steps in calculations and to fully justify your answers. We strongly recommend that your best exam preparation will be to write out homework solutions by hand, using your calculator for numerical steps and for checking your work. Quizzes may or may not allow calculator usage.

Attendance Policy: There will be a 20 point bonus, added to your course score, for good class attendance. To earn this bonus, you are allowed to have at most 4 unexcused absences after the second week of term. Each unexcused absence after 4 will reduce the bonus by 5 points.

Excuses may be granted for documented university activities, but not for illness or other accidental reasons; the latter should be accounted for by the 4 allowed absences. To record your attendance, sign the roll form by your name when it is passed out during class. You may not sign for another student; doing so would be an academic integrity violation.

Makeup Exams: Makeup exams will be given only for very serious and unavoidable extenuating circumstances and only if you notify me before or as soon as possible after the missed exam. Documentation must be provided.

MLSC: 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;
- Sunday from 1:00 PM until 5:00 PM.

Academic Honesty: It is a cornerstone of academic integrity that academic work submitted under your own name should be prepared entirely by yourself. Informal discussion between students is permitted. You are also encouraged to seek help on the homework from myself during office hours. However, academic misconduct includes organized collaboration between students on homework assignments that involves one student solving problems for another.

Any change of the information printed on this course syllabus will be announced both in class and on the D2L site(oc.okstate.edu).