

LB 118, CALCULUS I – SPRING 2012

Instructor:

Teena Gerhardt

Email: teena@math.msu.edu

Website: <http://www.math.msu.edu/~teena/Home.html>

Phone: 884-0593

Office: E-194A Holmes Hall

Office Hours: Mon 1:30 - 2:30pm, Wed 9 - 11:15am, and by appointment

Learning Assistants:

Jon Massie (Section 003) massiej1@msu.edu

Nick Vaive (Section 004) vaivenic@msu.edu

Learning Assistant Office Hours will be available on the ANGEL course page.

Classes:

Lectures: MWF, 12:40-1:30pm in Holmes Hall C104

Recitation for Section 003: Tues, 3:00-3:50pm in Holmes Hall C104

Recitation for Section 004: Tues, 3:00-3:50pm in Akers Hall 134

Text: Larson and Edwards, *Calculus: Early Transcendental Functions*

Course Objectives: This is the first part of the Lyman Briggs Calculus sequence. The course introduces the fundamentals of limits, differentiation, and integration for functions of a single variable. Students will master the calculus techniques and problem solving skills necessary to apply calculus in a variety of contexts.

Homework: Assignments will be announced in class and posted on the ANGEL course page. Your lowest homework grade of the semester will be dropped. No late work will be accepted. You are encouraged to talk with your classmates about the homework, but each student must submit his or her own solutions. Assignments will be due most weeks, usually on Wednesday at the beginning of class.

Quizzes: A short quiz will be given most weeks in recitation. The lowest quiz grade will be dropped.

In-Class Exams: There will be three in-class exams. The tentative exam dates are **February 6, March 19, and April 16.**

Final Exam: There will be a comprehensive final exam at the end of the semester. The final exam is scheduled for **Thursday, May 3, from 10am-12pm.**

Grading Components:

| | |
|----------------|-------|
| Quizzes | 17.5% |
| Homework | 20 % |
| In-Class Exams | 37.5% |
| Final Exam | 25% |

Grading Scale:

| Percentage | Grade |
|------------------|-------|
| $90 \leq x$ | 4.0 |
| $85 \leq x < 90$ | 3.5 |
| $80 \leq x < 85$ | 3.0 |
| $75 \leq x < 80$ | 2.5 |
| $70 \leq x < 75$ | 2.0 |
| $65 \leq x < 70$ | 1.5 |
| $60 \leq x < 65$ | 1.0 |
| $0 \leq x < 60$ | 0.0 |

Make-up Policy: If you are unable to take a scheduled exam or quiz due to serious illness or other emergency you must contact the instructor within 24 hours of the scheduled exam or quiz. Arrangements for known events such as university-sanctioned travel or religious holidays must be made in the first two weeks of classes.

Calculators: Calculators will not be allowed on any exams or quizzes.

Grading Policy: To receive full credit on homework, exam, and quiz questions you must show your work. Correct answers without work may be given 0 points.

ANGEL: The course page on ANGEL (<http://angel.msu.edu>) will contain course announcements and written assignments

Academic Honesty: Cheating in any form will not be tolerated. Students who cheat may receive a 0.0 on the assignment or fail the course. This includes plagiarism, failure to give proper citations, and copying another's work. A copy of the Lyman Briggs College academic honesty policy can be found at: <http://www.lymanbriggs.msu.edu/current/honestyPolicy.cfm>