

MATH 1170 – 02 Calculus I
Spring 2013
MTWF 11:00-11:50pm, PS 303

- **Instructor:** Yunrong Zhu
- **Contact Information:**
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 - Website: <http://www2.cose.isu.edu/~zhuyunr/sp13/Math1170.html>
- **Office Hour:** MWF1:00-2:00pm or by appointment
- **TEXTBOOK:** *Single Variable Calculus: Early Transcendentals*, Seventh Edition, by James Stewart, Brooks/Cole, ISBN-13 978-0-538-49867-8
- **Prerequisites:** MATH1144 or MATH1147 (Passed with C- or better).
- **Course Objectives:** This is the first course in the Calculus sequence (MATH 1170, 1175, 2275). The objective of this course is to provide the student with a clear understanding of the ideas of calculus. In this course, we will study limits, continuity, derivatives, integrals and the practical applications of these concepts. We will cover most of Chapter 2-6.
- **Homeworks:** Homework from each section will be assigned after each lecture, and collected weekly. The assignments will be announced in class, and posted on the course website. **No later homework is accepted for any reason.** You can drop the lowest three homework scores. To be prepared for the classes and exams, it is very important that you do the homework right after the section is covered.
- **Quizzes:** Throughout the semester, at least seven in class quizzes will be given. You must be present in the class to take the quiz, and **NO make-up quiz will be given for any reason.** The quiz questions are based on the homework problems and examples shown in class. You can drop the lowest two quiz scores.
- **Exams:** There will be four 50 minutes in-class exams and one two-hour comprehensive final exam with the tentative schedule as follows:

Exam #1:	Friday Feb. 1 On Chapter 2
Exam #2:	Wednesday Mar. 6 On Chapter 3
Exam #3:	Wednesday Apr. 10 On Chapter 4
Exam #4:	Friday Apr. 26 On Chapter 5
Final Exam:	Wednesday, May 8, 10:00 – 12:00am.
- **Make-up Exams:** Students who have a valid documented reason, such as a unavoidable emergency or illness during regular examination times are permitted to schedule a makeup examination with no penalty. In order to take a makeup

examination, student needs to contact the instructor as soon as possible and **within 48 hours** of the regular examination date, otherwise any missed exam will be 0.

- **Calculators:** A graphing calculator (e.g. TI-83 or HP-48) is recommended in this course. Geometrical and numerical aspects of calculus will be demonstrated on such a calculator during lectures and such a calculator can be of some value during an examination, even if just to confirm what the algebra is saying. A scientific calculator should be sufficient for exams. On the other hand, calculators with Internet access or symbolic algebra/calculus are not appropriate. Using such features during an exam amounts to cheating. If this occurs at all then calculators will not be allowed on subsequent exams.
- **Grading:** Student's course grade will be based EXCLUSIVELY on homework, quizzes, five midterm exams, and the final exam. There will be **NO "extra credit" work**. The weights are distributed as follows: **15% Homework + 15% Quizzes + 40% exams + 30% Final exam**

A+	93% and above	C	73%--76%
A-	90%--92%	C-	70%--72%
B+	87%--89%	D+	67%--69%
B	83%--86%	D	63%--66%
B-	80%--82%	D-	60%--62%
C+	77%--79%	F	59% and below

- **Help:** Tutors and MATH Center: The MATH Center is a free walk-in math tutoring service provided by the Center for Teaching and Learning and the Mathematics Department for any registered ISU student needing help in undergraduate math courses or courses involving mathematics. The tutors are trained undergraduate students, math graduate students, and adjunct math instructors. For more information, please see <http://www.isu.edu/success/math/index.shtml>.
- **Academic Integrity:** Academic integrity is the pursuit of scholarly activity in an open, honest and responsible manner. Academic integrity is a basic guiding principle for all academic activity at Idaho State University, and all members of the University community are expected to act in accordance with this principle. All Idaho State University Policies regarding ethics and honorable behavior apply to this course (see <http://www.isu.edu/fs-handbook/part6/69/69a.html>).
- **Special Accommodations:** Idaho State University is committed to all students achieving their potential. If you have a disability or think you have a disability (physical, learning disability, hearing, vision, psychiatric) which may need a reasonable accommodation, please contact the ADA & Disabilities Resource Center located in Graveley Hall, Room 123, 282-3599 immediately upon your knowledge of this disability and follow their instructions as to informing the instructor. More detailed information can be found at: <http://www.isu.edu/ada4isu/>.