
Instructor: Dr. Yunrong Zhu **Office:** PS 328B **Phone:** 282-3819 **E-Mail:** zhuyunr@isu.edu

Course Website: [MOODLE](#) **Office Hours:** MW 2:00 pm - 3:00 pm, or by appointment

Textbook: *Applied Calculus* by Hughes-Hallett et al, Fifth Edition, published by Wiley 2014. We will cover all or parts of Chapters 1-7 of the text.

Prerequisites: MATH1143 (College Algebra) or MATH1147 (Precalculus) with a grade of C- or better.

Course Objectives: This is a calculus course primarily intended for students in life or social sciences, such as biological sciences, business, education and humanities. Much emphasis will be placed on the practical interpretation of calculus in numerical graphical and algebraic terms. The main topics includes functions, differentiation, integration and their applications.

Homework: The homework problems will be posted on [MOODLE](#), and will be collected each week **at the end of Friday's class**. The written homework must be neatly organized and the arguments should be easy to follow. Arrange the papers in correct order and **staple** all the sheets. **NO later homework is accepted for any reason, and any missing assignment will be 0.** Your three lowest scores will be dropped.

Quizzes: In class quizzes will be given throughout the semester, announced in Moodle. The questions on the quizzes will be based on the homework, and examples shown in class. You must be present in the class to take the quizzes, and **NO make-up** will be given for any reason. Your two lowest quiz scores will be dropped.

Exams: There will be three in-class exams and one two-hour cumulative final exam with the tentative schedule as follows:

Exam #1: Friday Sep. 23, On Chapter 1-2

Exam #2: Friday Oct. 28, On Chapter 3-4

Exam #3: Friday Dec. 2, On Chapter 5-6

The **Comprehensive Final Exam** will be on **Thursday, Dec. 15, 12:30pm – 2:30pm, PS 306**. You must take the final exam at the scheduled time.

Makeup Exams: Students who have a valid documented reason, such as a unavoidable emergency, illness, or university commitments during regular examination times are permitted to schedule a makeup examination with no penalty. In such case, you must contact me or has somebody else contact me before the exam if possible, but **no later than the next class meeting**. To take the makeup exam, you must present the documentation for the emergency. Any missed exam will be 0.

Calculators: A graphing calculator (e.g. TI-83 or HP-48) is recommended in this course. A basic scientific calculator should be sufficient for exams. On the other hand, it is **NOT allowed** to use calculators and other electronic devices with Internet access or symbolic algebra/calculus. Using such devices or other form of unauthorized materials during an exam amounts to cheating.

Grading: : Students course grade will be based on HW, worksheets and quizzes, four in-class midterm exams, and the final exam. There will be NO “extra credit” work. The weights are distributed as follows:

15% HW+ 10% quizzes+ 45% Midterm Exams + 30% Final.

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

Academic Integrity and Dishonesty: Academic integrity is the pursuit of scholarly activity in an open, honest and responsible manner. Academic integrity is expected of all individuals in academe. Academic dishonesty in any form is unacceptable. Academic dishonesty includes, but is not limited to, cheating and plagiarism. All Idaho State University Policies regarding ethics and honorable behavior apply to this course (see <http://www2.isu.edu/policy/4000/index.shtml>).

Extra Help: Do not hesitate to come to my office during office hours or by appointment to discuss a homework problem or any aspect of the course. Free tutoring is available from the Math Center in the Student Success Center, Rendezvous 327 in Pocatello and CHE Room 220 in Idaho Falls. Information is available at <http://www.isu.edu/success/math/index.shtml>.

ADA Policy: Idaho State University is committed to providing equal opportunity in education for all students. If you have a diagnosed disability or if you believe you have a disability (physical, learning, hearing, vision, psychiatric) that might require reasonable accommodation in this course, please contact the Disability Services Center, Rendezvous Building, Room 125 (282-3599) <http://www.isu.edu/disabilityservices>.