

Course Information

Professor: Pramod N. Achar
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Office hours: Tues. 3:00pm–4:30pm, Thurs. 9:00am–10:30am

If you cannot make it to my office hours, you may arrange to meet with me at another time by appointment.

Course outline. This semester, we will cover Chapters 2–6 of *Technical Calculus* (5th edition, Pearson Prentice Hall, 2005) by D. Ewen, J. S. Gary, and J. E. Trefzger, roughly by the following schedule:

Chapter 2: The Derivative	4 weeks
Chapter 3: Applications of the Derivative	3 weeks
Chapter 4: Derivatives of Transcendental Functions	2 weeks
Chapter 5: The Integral	2 weeks
Chapter 6: Applications of Integration	3 weeks

Homework. Homework assignments will be due approximately once a week. I will be using the *WeBWork* system for online submission and grading of homework. Feel free to work together with other students on the homework. *WeBWork* is accessible from the course website (see below)—let me know immediately if you have trouble logging into or using the system.

For extra practice, I will often also give suggested problems from the book. These are not to be handed in.

Website. The course website is at <http://www.math.lsu.edu/~pramod/1441/>. All class materials will be posted on this page. In particular, the *WeBWork* login page can be accessed from here.

Exams. There will be three in-class 80-minute exams and a two-hour comprehensive final exam. The dates of the exams are given below. If there is any circumstance that may prevent you from taking an exam on the scheduled date, you must discuss it with me *in advance*.

Exam 1: Tuesday, September 12	Final Exam:
Exam 2: Thursday, October 12	Section 1: Monday, December 11, 10:00am–12:00noon
Exam 3: Thursday, November 9	Section 2: Saturday, December 16, 3:00pm–5:00pm

No calculators will be allowed on exams.

Grading. The final grade will be determined as follows:

Homework:	10%
Hour Exams:	60% (3 exams, 20% each)
Final Exam:	30%

I typically curve course grades based on the performance of the class. Of course, 90% is guaranteed to be an A, 80% is guaranteed to be at least a B, etc.

Cheating. High standards of academic integrity are crucial for the University to fulfill its educational mission. In view of this, you may not communicate with other students by any means during any exams, and you may not use any supplementary materials (notes, books, or electronic equipment). Students suspected of violating this policy will be referred to the Judicial Affairs division of the Office of the Dean of Students.

Students with disabilities. If you have a disability that may have some impact on your work in this class and for which you may require accommodations, please see a staff member in the Office of Disability Services (112 Johnston Hall) so that such accommodations can be considered. Students that receive accommodation letters, please meet with me to discuss the provisions of those accommodations as soon as possible.