

This is the information sheet for Calculus I, MATH 1843–010, for the Fall Semester 2006. It is your responsibility to acquaint yourself with all the information in this handout, and with any modifications to it that may be announced in class.

Instructor: Dr. Noel Brady.

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Course Web Page: <http://math.ou.edu/~nbrady/teaching/f06-1823>

Class Times and Venue: MWF 8:30am–9:20am in 201 PHSC.

Office Hours: Tu&Th 10:30am–11:30am, W 1:30pm–2:30pm. My office hours are held in 521 PHSC.

Discussion Section Information				
Instructor	Office Hours	Section	Time	Location
Arim Seo	Tu 12:00–1:00p 509 PHSC	011	W 12:30pm–1:20pm	363 PHSC
	W 2:30–3:30p 509 PHSC	012	W 1:30pm–2:20pm	359 PHSC
Kashyap Rajeevsarathy	W 9:15–10:15a 1028 PHSC	013	W 2:30pm–3:20pm	228 PHSC
	Th 10:45–11:45a 1028 PHSC	016	Th 1:30pm–2:20pm	222 PHSC
Narayan Thapa	W 12:20–1:20p 508 PHSC	014	Th 9:00am–9:50am	Carson 123
	Th 12:20–1:20p 508 PHSC	015	Th 10:30am–11:20am	223 PHSC

Text and Course Outline: We shall cover Chapters 1, 2, 3 and 4 of the textbook, *Calculus* (5th Edition), by James Stewart.

The core topic that we shall encounter this semester is the notion of the *derivative* of a function. This has two different sounding interpretations; an analytic and a geometric interpretation.

1. **Analytic Interpretation.** The derivative of a function is the rate at which the output of a function changes with respect to its input.
2. **Geometric Interpretation.** The derivative of a function at a point is the slope of the tangent line to the graph of the function at that point.

These two interpretations of the derivative combine together nicely to give a wide range of theoretical and practical applications. Our primary objective in this course is to understand these two interpretations as well as their applications.

Attendance: You are required to attend all lectures, and are responsible for all information given out during them. Your attendance on your designated **Front Row Duty** days will be monitored, and will contribute to your overall score in the course as indicated below.

Grading Scheme: Grades will be assigned by weighting your totals from Homeworks, Quizzes, Midterms, and a Final Examination as shown in the chart below. The Grade scale is:

$$A = 85\% - 100\%; \quad B = 70\% - 84\%; \quad C = 55\% - 69\%; \quad D = 40\% - 54\%$$

Component	When/Where	Percentage
Homework/Discussion	Hwk due in class every Friday	20%
Front Row Duty	In class	2%
Midterm I	Friday, Sep 22, 8:30am–9:20am, 255 Adams	18%
Midterm II	Friday, Oct 20, 8:30am–9:20am, 201 PHSC	18%
Midterm III	Monday, Nov 20, 8:30am–9:20am, 201 PHSC	18%
Final Examination	Friday, Dec 15, 10:30am–12:30pm, 201 PHSC	24%
TOTALS		100%

Homework/Discussion: Homework will normally be due at the **start** of class on Fridays. You are responsible for ensuring that your homework gets turned in on time. Possible exceptions include the Fridays on which Midterms are scheduled. Late homework will not be accepted; it upsets the grading process and is unfair to other students. The homework will account for 16% and your participation in Discussion Section will account for the remaining 4%. This latter 4% will include your performance on 6 short quizzes which are administered during Discussion Section every second week (during weeks 2, 4, 6, 8, 10, and 12).

The homework assignments are there to provide you with a **minimum** level of exposure to the materials outside of class time. You will need to do many more problems before you feel comfortable with the concepts involved. Take it from experience (of generations of students!) that the way to succeed in a math course is to work (and understand) a large number of problems.

Taking Examinations: Here are a few notes on taking Examinations.

- You are required to bring your OU issued photo-id to all examinations in this course.
- You cannot use calculators/computers, books or any type of notes during the examinations.
- All examinations must be taken at scheduled times, except in *very extreme circumstances*. So be careful not to make travel arrangements that conflict with examination times. In particular, note that Midterm III is scheduled for the Monday before Thanksgiving Break. If you cannot take an examination at a scheduled time, you should contact me well in advance of the test time with a documentable reason, and we will set up a time for a make-up examination. Otherwise, an absence at an exam will result in a score of zero.

Policy on W/I Grades: If you drop this course on or before Friday, September 29, you will receive an automatic grade of “W”. If you drop this course after this date, your grade will be “W” or “F”, according to your standing in the class. However, note that dropping the course from October 30 on requires a petition to the Dean.

Students who are failing the course should not expect to receive an “I” grade in place of a “W” grade. I will only consider assigning an “I” grade if the situation satisfies the following criteria.

1. the student is already maintaining a passing grade,
2. the student has completed most of the course work, and
3. the student can demonstrate that he/she is unable to complete the work at this time due to circumstances beyond his/her control.

Academic misconduct: Visit <http://www.ou.edu/provost/integrity> for the rules governing cases of academic misconduct. See also the *Academic Misconduct Code*, which is part of the *Student Code* and can be found at <http://www.ou.edu/studentcode>.

Accommodation of Disabilities: The University of Oklahoma is committed to providing reasonable accomodation for all students with disabilities. If you require special accomodation in this course you are requested to speak with me as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accomodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone (405) 325-3852 or TDD only (405) 325-4173.