

MATH 1432, SECTION 24128

Calculus II, Fall 2008

COURSE SYLLABUS

Instructor: Rebecca George, 609 PGH (office hours by appointment)

Email: bekki@math.uh.edu

Course Homepage: online.math.uh.edu/onlineclasses/math1431

CourseWare: www.casa.uh.edu

Overview

This is a 14 week online course offered by the Department of Mathematics, University of Houston. We have created a course that has many of the features of a face-to-face class. There are certain special requirements for an online class and a detailed description of all aspects of the course is given below.

Course Homepage and CourseWare

It is highly recommended that you check the course homepage (listed above) and the CourseWare page at least once a day during the Semester. This will allow you to stay up to date with assignments, homework and announcements.

The course homepage will provide you with access to online sessions, homework assignments, the syllabus, online lectures and useful links.

The CourseWare account will provide you with access to online quizzes, exams, poppers, a homework assignment upload facility, a discussion board, the text and an exam scheduler. You will need to register for a CourseWare account in the first few days of the Fall 2008 semester

Text

CALCULUS, 9th edition. by Salas, Hille and Etgen. John Wiley & Sons, Inc.

Note: You do not need to purchase this text. It can be accessed electronically through CourseWare.

System Requirements and Equipment

Since this is an online class there are certain special requirements.

You must have access to a computer and a fast internet connection. Broadband, Cable and DSL connections are the best for this. Good dial-up connections are also suitable. You will need to install Adobe Acrobat Reader 8.1 or higher which is available for free from <http://www.adobe.com>. You will need access to a printer and scanner so that you can complete your written homework and turn it in electronically. Alternatively, you can use a free writing software and a writing tablet to work with the homework directly on your computer. More information about this is available on the course homepage.

Exams

There will be two exams: a midterm and a final. The exams will be administered in CASA (located in Room 221 of the Garrison Gym). You must schedule your exam in advance using the exam scheduler in CourseWare. Each exam will consist of both multiple choice and written questions. The multiple choice questions will be machine graded. The written questions will be graded by the instructors and teaching assistants.

Note: A student **must** pass the comprehensive final exam to pass the course. In order to pass the final you must get at least a 60% on your final exam.

The dates for the exams are as follows:

Midterm: Friday October 17th and Saturday October 18th

Final: Saturday December 13th and Sunday December 14th

Students are responsible for scheduling their exams and taking them at the appointed time. If a student misses his or her exam, a make-up exam may be given at the discretion of the instructor. In such a case, the exam must be taken within a week of the originally scheduled exam.

Homework

Homework will be given for each section covered. There may be multiple homework assignments each week. It will be graded and returned to you through CourseWare. Instructions on how to submit homework for an online course is available on the Course Homepage. The submission of homework is compulsory and will count for a major portion of your grade (See Grades, below). Homework is graded for completion and correctness. Note that the online problem sessions can directly affect your homework grades.

Homework assignments **MUST** be submitted electronically through CourseWare, so access to a scanner is necessary. See the document titled *Scanning Documents for Submission* available on the homepage for information on finding and using a scanner.

Homework will **NOT** be accepted through email or in person. Homework must be submitted through CourseWare **BEFORE** the deadline. The CourseWare interface for uploading homework allows single and multiple file uploads, and accepts files in the tiff, jpeg and pdf formats. There is a file size restriction of 10 MB per assignment.

Weekly Online Quizzes

The Course Policies Quiz will be available at the beginning of the semester and will remain open throughout the semester. You must take this quiz and score 100 on it **BEFORE** you will be allowed to use CourseWare for your online assignments, including quizzes, practice tests, and any online tests.

Online quizzes will be given through CourseWare each week. You can attempt these quizzes as many times as you like. The highest grade will be used for your score. Note that the online sessions can directly affect your quiz grades.

Sunday October 19 is **LOCKOUT**. If you do not have sufficiently high scores on your quizzes, you will be locked out of Courseware. This means quizzes, assignments, poppers and discussion

board. You must have at least a 70% on 4 of the first 6 available quizzes or you will be locked out.

Online Sessions

There will be two online lecture sessions and one homework session every week. These sessions effectively take the place of lectures and recitations. Attendance at the lecture sessions is highly recommended and strongly encouraged.

You must attend at least one lecture session in every week. Attendance will be taken through the session chat log. If you are unable to attend either of the online lecture sessions then see the section about alternate assignments below.

Poppers and Extra Credit

During each online lecture session there will be poppers. Poppers are simple pop-quiz questions which will gauge understanding. These questions can also provide opportunities for extra credit. The amount that, and manner in which, extra credit contributes to your overall grade is at the sole discretion of the instructor. Extra credit may also be given for participation in the Discussion Board (see information on Discussion Board below).

Class Participation

Students that attend online problem sessions tend to outperform the students who do not attend. With this in mind, students are expected to attend one of these sessions per week. Your participation grade is based on attendance of sessions and participation in Discussion Board. Students for whom attending an online session presents a conflict may choose to complete an alternate assignment in place of attending a session. The alternate assignment will be made available at the beginning of the week and will consist of additional exercises from the text. The online lecture sessions will, in general, require less effort and be of greater benefit to the student. Students that attend no online lecture sessions and do not satisfactorily complete the alternate assignment in a given week will receive an **automatic zero on their popper and homework** for that week.

Alternate Assignments

Beginning in the second week of the semester, an extra weekly homework set will be posted. This homework is called the *alternate assignment*. Students who attend none of the online problem sessions in a given week must complete this alternate assignment. As with the poppers in the online session, there is an opportunity for earning extra credit on the alternate assignment. **Note that the alternate assignment is an alternative to the online session not an alternative to the regularly assigned homework!**

Failure to Participate

The online sessions and alternate assignments are designed with your best academic interests in mind. In a given week, if you attend none of the online sessions and do not complete the alternate assignment you will receive no credit for that weeks homework and popper as well as a zero for participation for that week.

Grades

Final course grades are assigned according to student performance, using the guidelines below.

Note: Only whole letter grades are awarded, i.e. no +/- grades.

Each component of the coursework contributes the following amount to your final percentage:

Midterm 25%, **Final** 30%, **Homework** 20%, **Quizzes** 20%, **Participation** 5%.

Letter grades will be assigned as follows:

A: 90% and above, **B:** 80% - 89%, **C:** 70% - 79%, **D:** 60% - 69%, **F:** Less than 60%.

Note: You must pass the final exam with at least a 60% to pass the class.

Discussion Board

The discussion board in CourseWare is a tool intended to facilitate your studies. To this end, students should post questions about homework/quiz problems. Your participation grade will include posts to the Discussion Board. You should have at least one subject related post per week. Additional posts (for example, answers to others posts) will help with extra credit for the class. Additionally, the discussion board is a great place to organize and join study groups. All other correspondence, however, should occur in email form. Questions about personal circumstances (travel due to a family emergency, for example) or grades are private and should be sent directly to the instructor. The discussion board is not a forum for requests; for example, students should not post requests for additional extra credit opportunities, deadline extensions, or a grade “curve”.

Finally, students should expect to be able to operate in a safe and friendly environment. Posts perceived as personal attacks on anyone (“flaming”), will not be tolerated, and will result in restriction from the discussion boards and online sessions.

CASA Tutoring Center

The Center for Academic Support and Assessment (CASA), located in Garrison Gym (Room 222), offers tutoring for all undergraduate math classes five days a week. During Fall, the center is open 9am - 6pm Monday and Tuesday, 9am - 7pm Wednesday and Thursday and 9am - 2pm on Fridays.

Accommodations

Whenever possible, and in accordance with 504/ADA guidelines, we will attempt to provide reasonable academic accommodations to students who request and require them.

Contact Information

Please direct your questions to the appropriate person.

For questions of an academic nature please email the person mentioned at the beginning of the syllabus.

For technical support on CourseWare email courseware@uh.edu.

For technical support on the Course Homepage email mrinal@math.uh.edu.