

Math 2260: Integral Calculus

Instructor: Dr. Jingzhi Tie

Class Time, Place: TR 9:30-10:45 W 12:20-1:10, Boyd 323

Office Hours: TWR 8:30-9:15, Boyd 504, or by appointment.

Phone: (706) 542-2067

E-mail: jtie@math.uga.edu (for short replies only please)

Course web Page:

<http://www.math.uga.edu/~jtie/teaching/fall-09/Syllabus.html>

Text: University Calculus, by Joel Hass, Maurice D. Weir and George B. Thomas, Jr

Prerequisites: Working knowledge of (not just a passing grade on) MATH 2250

Objectives of the Course: This course will cover Chapters 6, 7, 8, 10 of the text, omitting few sections. We will also spend a few classes to review Chapter 5 in case you have not gone through it previously.

The first objective is to understand definite and indefinite integrals and be able to apply them to a wide variety of problems. The second one is to study infinite sequences and series, vector and geometry of space.

You will be responsible for sections on which homeworks are assigned. This course is intended to serve as a forum to facilitate **your active learning** of the material. You are responsible for understanding the material and keeping up with the course, not just showing up for the class. You are expected to be able to demonstrate your understanding of the material by solving the problems **similar** to those covered in class, not just repeating things exactly like the ones on the board.

Homework, Quizzes and Exams: Doing homework is the most important component of the course. Assignments is posted at <http://www.math.uga.edu/~jtie/teaching/fall-09/2260-hwass.pdf>. Problems on weekly quizzes will be similar to the problems in homework assignment. Therefore, **you are expected to do the homework on your own everyday**. Past experience shows that students who do not take homework seriously do poorly on the exams and most of them fail. For example, you may fail if you do homework only when exams are near. Quizzes are open book and exams are closed book. There will be no make-up quizzes, nor exams. However, I will drop your lowest score on both quizzes and hour-exams.

MATHEMATICS STUDY HALL Hours: Details will be announced here late.

TUTORIAL SERVICES (FREE) : Monday - Friday. Call for an appointment; 50 minute sessions. Call 542-7575, Milledge Hall, behind Memorial Hall

[First term test](#): Sept. 15 (Tuesday) (tentative)
[Second term test](#): Oct. 15 (Thursday) (definitely)
[Third term test](#): Nov. 10 (Tuesday) (tentative)
[Fourth term test](#): Dec. 3 (Thursday) (tentative).

[Final Comprehensive Exam](#): December 15, Tuesday, 9-11 (scheduled by the university).

Quiz Dates: Quizzes are open book and calculators will be not allowed for them. Tentative dates for quiz are

Quiz Number	Date
Quiz one	August 25, Tuesday
Quiz two	September 3, Thursday
Quiz three	September 24, Thursday
Quiz four	October 6, Tuesday
Quiz five	October 27, Tuesday
Quiz six	November 5, Thursday
Quiz seven	November 19, Thursday

Class Attendance and Participation are very important in this class. I will randomly take attendance and reserve the right to withdraw you from the class if you miss too many classes and/or too much work --this will save you from frustrations later on in the course, as well as save other students from being held back because of your missing classes/work. In order to protect class from distraction, coming-later-for and leaving-early-from classes are discouraged.

Please let me know in advance if you **must** come late or leave early.

Collaboration and Academic Honesty: You are strongly encouraged to form study groups to work on your homework and discuss the material for the course. However, you must do independent work on quizzes and exams.

Above all, [UGA Academic Honesty Policy](#) applies. Excerpts from the UGA Academic Honesty Policy:

"Every student has an obligation to be informed concerning the terms of this policy. Accordingly, lack of knowledge of the provisions of this policy is not an acceptable defense to a charge of violating this policy."

Grading Policy : Quizzes 20%; Hour-Exams 40%; Final Exam 40%. I will drop two quizzes and one test. There will be no make-up for quiz and exam. You need to show steps for solutions of problems. No credit will be given to a straight answer to a problem

without explanation, unless it is a yes-or-no type problem. You are expected to write your problem solutions in such a way that they are understandable by your fellow classmates.

If your circumstance requires making special arrangement, I will be glad to accommodate. This syllabus provides a general guide for the course. Deviation may be necessary.

Fall Semester 2009*

Based on 50 minute classes (MWF), 75 minute classes (TTH), 15 weeks of classes, 75 days of classes

Orientation	Aug. 12	Wednesday
Advisement	Aug. 13	Thursday
Registration	Aug. 14	Friday
Classes Begin	Aug. 17	Monday
Drop for undergraduate level courses (1000 – 5999)	Aug. 17 – Aug. 20	Monday - Thursday
Add for undergraduate level courses (1000 – 5999)	Aug. 17 – Aug. 21	Monday - Friday
Holiday: Labor Day – No Classes	Sept. 7	Monday
Midterm	Oct. 8	Thursday
Withdrawal Deadline	Oct. 22	Thursday
Fall Break	Oct. 30	Friday
Last Day of Classes Prior to Thanksgiving Break	Nov. 20	Friday
Holidays: Thanksgiving	Nov. 23 – 27	Monday - Friday
Classes Resume	Nov. 30	Monday
Friday Class Schedule In Effect*	Dec. 8	Tuesday
Classes End	Dec. 8	Tuesday
Reading Day	Dec. 9	Wednesday
Final Exams	Dec. 10, 11, 14, 15, 16	Thurs. – Fri., Mon. – Wed.
Commencement	Dec. 18	Friday
Grades Due	Dec. 18, 7 PM	Friday, 7 PM

****Note: For the Fall Semester 2009, the University will operate a Friday class schedule on Tuesday, Dec. 8. This is done to equalize the class minutes between MWF and TTH classes and to provide an equal number of class meetings for courses which may meet only once per week.***