

**SYLLABUS FOR MATH 2423, FALL 2009**  
**MWF 8:30-9:20 AM, PHSC 108**

**Instructor:** Tomasz Przebinda  
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Office hours: Monday 2:00-3:20.

**Graduate Assistants:** Wei Guan (wguan@math.ou.edu), Yoe Herrera (yoeherrera@math.ou.edu) and Andrea Tumblin (atumblin@math.ou.edu).

You are required to enroll in one of the Discussion Sections for this class, which are taught by graduate teaching assistants. Your discussion section instructor will collect your homework, grade it and return it to you. Also, he/she is going to return the graded (jointly by all the instructors) midterm exams to you. Moreover you'll have unannounced quizzes during the discussion sections.

**Math Help Center:** The Department of Mathematics maintains a help center staffed by graduate teaching assistants to provide students with extra help. The help center is located on the 4th floor of the Physical Sciences Center, PHSC, room 425A, right next to the Mathematics Department's Office. The center is open M 9:30 - 5:00, WF 9:30 - 5:30, TR 9:00 - 5:30.

**Prerequisites:** MATH 1823

**Text:** Calculus (6th ed), by James Stewart, Brooks/Cole, 2008, ISBN 0-495-01160-6.

**Course description:** We are going to cover most of the material contained in chapters 5, 6, 7, 8 and selected portions of chapters 9 and 10 of the text. The main topic is going to be *integration of functions of one variable and its applications*.

**Lectures:** You are expected to attend all lectures, and are responsible for all information given out during them. In particular, this includes any changes of test dates, grading policies, or homework assignments. I am not going to check the attendance.

**Use of calculators and technology:** We shall not use any calculators or computers of any kind during the exams. On the other hand you are encouraged to use whatever software you like while you do your homework and study the material. The class is intended to teach you material which shall not become obsolete within a decade or so (when did I. Newton write his last paper?), while the calculators and current software will.

**Testing:** There will be three midterm exams during the class period (50 minutes each) on Wednesday Sept. 23, Wednesday Nov. 4 and Wednesday Dec. 2. The final exam is scheduled for Monday Dec. 14, 10:30 am - 12:30 pm (in the same room). University regulations require that you take the final exam at this time. Do not arrange travel plans that prevent you from attending the final exam.

If the test is missed for any reason, its weight (16%) will automatically be added to the weight of the final exam. (For example if you miss exactly one midterm the final will count for  $29\%+16\%=45\%$  of the final grade.) Under extraordinary circumstances, if you cannot take a test at the scheduled time, you should contact me *in advance of the test time* and I will decide whether or not to allow a makeup exam.

**Homework:** There will be weekly assignments, to be handed in during the first discussion session of the week. Please hand in your homework on time; late assignments cannot be accepted.

**Final grade:** the final grade is the better of the following two options:

(a) final exam 29% + first midterm 16% + second midterm 16% + third midterm 16% + homework 8% + quizzes 15%

(b) final exam 100%

Grading scale: A 100%-90%, B 89%-80%, C 79% - 70%, D 69% - 60%, F below 60 %.

**Academic Misconduct:** Cases of academic misconduct are inexcusable, will be reported to the dean, and will be punished under University regulations. Don't do it. For details on the University policies concerning academic misconduct consult [www.ou.edu/provost/integrity](http://www.ou.edu/provost/integrity)

**Students with Disabilities:** Any student having a disability that may interfere with the demonstration of his or her abilities should contact me as soon as possible to arrange accommodations necessary to ensure full participation in the course. Students with disabilities must be registered with the Office of the Disabilities Services (Goddard Health Center, Suite 166, tel: 325-3852) prior to receiving accommodations in this course.

**Some important dates:**

First day of classes: Monday, August 24.

Labor Day (no classes): Monday, September 7.

Last day to withdraw with an automatic W: Friday, October 2.

Last day to withdraw with a W/F without petition to the Dean: Friday, October 30.

OU - Texas football game holiday: Friday October 16 (this is subject to administrative approval, but it never fails to be approved).

Thanksgiving break (no classes): November 25-27.

Last day of classes: Friday, December 11.

Final exam period: December 14 - 18.

**Grade of Incomplete:** The grade of “I” is a special-purpose grade given when a specific task needs to be completed to finish the coursework. This is typically a term paper or other special assignment, so rarely makes sense in a mathematics course. An “I” cannot be given to avoid a low grade in cases where the coursework is not strong. Also, Mathematics Department requires that instructor and students execute and sign a written INCOMPLETE CONTRACT before the grade ‘I’ can be given.

**Advice:** It is important to think about the subject daily or almost daily (you will learn much more in two hours a day for seven days than in seven hours a day for two days). Working problems is your most important learning technique. Work sessions with fellow students can be very productive, as long as one avoids the pitfall of becoming dependent on others. Experience has shown the importance of keeping completely caught up; cramming is even less effective in mathematics than in other courses.