DEPARTMENT OF MATHEMATICS

COURSE INFORMATION FOR MATH 2433–001 and 002

Calculus and Analytic Geometry III

Fall 2015

Section 1 – **Tues & Thur at 9:00 – 10:15 am, PHSC room 359**
Section 2 – **Tues & Thur at 12:00 – 1:15 pm, PHSC room 102**

URL: `http://www2.math.ou.edu/~rtang/teaching/math2433f15/`

Instructor:	Dr. Robert Tang
Office:	1024 PHSC
Office Hours:	Tuesdays 10:30 – 11:30 am
E-mail:	`robert.tang ''at'' ou.edu`

Prerequisites: MATH 2423.

Text: *Calculus (7th ed)*, by James Stewart, Brooks/Cole, 2012, ISBN-13: 978-0-538-49781-7.

Grading: Grades will be based on weighted scores as follows:

Homework	10%
Midterm 1 (Thu 8 October)	25%
Midterm 2 (Thu 12 November)	25%
Final Exam (Mon 14 Dec or Wed 16 Dec)	40%
Total	**100%**

After each exam is complete, approximate cutoffs for the letter grades (A, B, C, D, F) will be announced. The overall grade cutoffs will be computed as a weighted average of the individual cutoffs.

Exams: There will be two midterm exams, given during the regular lecture period. The Final examination will be held in the usual lecture room on Monday 14 December (Section 1) at 8am – 10am, or Wednesday 16 December (Section 2) at 1:30pm – 3:30pm. University regulations require that you take it at that time.

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Attendance and make-up exams: Class attendence is expected but will not be recorded. There will be no make-up exams.

Homework: Weekly homeworks are due at the *beginning* of Thursday classes starting from Week 2. They will typically consist of exercises from the set text. In order to get a good grade on your homework, you must show correct working and reasoning. Conversely, if you arrive at the correct answer with little indication of working, you will receive very few points. Please put in an effort to ensure that your homework is presentable and can be easily read.

In addition, there will be other questions assigned for practice – you do not need to submit these. However, a substantial amount of practice should be considered the minumum necessary to gain a thorough understanding of the course material. In other words, doing *only* the assigned homeworks will not provide adequate preparation for the exams.

You are responsible for ensuring that your homework gets turned in on time. Late homework will not be accepted; it upsets the grading process and is unfair to other students. Homework must be stapled, and must have your **name**, **student ID**, **homework number** and **section number** (1 or 2 – to ensure they do not get mixed up) stated clearly on the top of the first page. You are allowed (even encouraged) to work in small groups. However, you will need to prepare individual written solutions.

General advice: There is a lot of material to be covered in this course, and I am expecting to go through roughly one section from the textbook per 75–minute class (see the course outline). Like any other mathematics course, later topics will build upon content covered in earlier topics. Therefore, it is essential that you regularly revise and do practice questions in order to not fall behind.

You are encouraged to use the resources on offer. Feel free to drop by my office during office hours if you have questions regarding the course material. The Math Center (on Level 2 of the Physical Sciences building) can also provide help, and is open at many times during the week.

Some important dates:

(1) First day of classes: Monday, August 24, 2015.

(2) Labor day holiday (no classes): Monday, September 7, 2015.

(3) Last day to withdraw with an automatic W: Friday, October 30, 2015 for undergraduate students and Friday, October 2, 2015 for graduate students.

(4) Last day to withdraw without petition to the Dean: Friday, October 30, 2015 (for graduate students a W/F grade is assigned for withdrawals processed during the period October 5–October 30).

(5) OU-Texas football game holiday: Friday, October 9, 2015.

(6) Thanksgiving break (no classes): November 25–27, 2015.

(7) Last day of classes: Friday, December 11, 2015.

(8) Final exam: **Section 1** – Monday, December 14, 2015
Section 2 – Wednesday, December 16, 2015.

Policy on W/I grades: Through the end of the sixth week of the semester, students can withdraw from the course with an automatic W. Between the seventh and tenth weeks of the semester, undergraduate students can continue to withdraw with an automatic W, but graduate students must obtain the instructor's signature on the University's "drop form" to withdraw from the course, and along with the signature the instructor must indicate whether the student is passing or failing at the time of the withdrawal. After the tenth week of the semester, all students can only withdraw via petition to the Dean of their college. The petition process also requires the instructor's signature with a passing-failing indication at the time the petition is filed. Note that a "failing" indication on the petition means that even if the petition is approved the grade in the course will be weighted in the GPA as an F.

The grade of I is not intended to serve as a benign substitute for the grade of F, and is only given if a student has completed the majority of the work in the course at a passing level (for example everything except the final exam), the course work cannot be completed because of compelling and verifiable problem beyond the student's control, and the student expresses a clear intention of making up the missed work as soon as possible. Moreover, current University policies require that instructors and the affected students execute a written "Incomplete Contract" before a grade of I can be given. The contract makes clear: (1) what work is to be made up; (2) when the make-up work must be completed (which cannot be more than one calendar year from

the assignment of the *I*); and (3) *what alternative grade will be assigned if the make-up work is not completed.* If the make-up work specified in the contract is not made up within one calendar year, then the alternative grade specified in the contract will be entered on the student's transcript. Thus the *I* grade does not became permanent on the transcript if it is not made up within one year.

Academic misconduct: All cases of suspected academic misconduct will be reported to the Office of Academic Integrity Programs as possible violations of University's Academic Integrity Code. If the violation is confirmed by the Academic Integrity Program's Office, the penalties can be quite severe, so the best advice is **Don't do it!** For more details on the University's policies concerning academic misconduct consult the link

`http://integrity.ou.edu/students_guide.html`

This link also has information about admonitions (essentially warnings about potential misconduct for fairly minor infractions) and your rights to appeal charges of academic misconduct.

Students are also bound by the provisions of the *OU Student Code*, which can be found at

`http://judicial.ou.edu/content/view/27/32/`

Students with disabilities: The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the instructor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations 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.