

# (10774)MATH 0220: ANALYTIC GEOMETRY & CALCULUS 1

## COURSE INFORMATION, SUMMER 2009

YAN YU

**TIME AND PLACE:** Mon 8:00AM-10:15AM, 522 Benedum Hall.

Wed/Thur/Fri 9:00AM-10:15AM, 522 Benedum Hall.

**LECTURER:** Yan Yu

**OFFICE:** 317 Thackeray Hall

**EMAIL:** [yay18@pitt.edu](mailto:yay18@pitt.edu)

**OFFICE PHONE:** 412-624-7763

**OFFICE HOUR:** MAC (3rd floor of THACK): Monday, Wednesday 11:00 am - 12:00 pm; Thursday 10:15 am - 11:15 am; GSCC 126: Tuesday 10:00 am – 11:00 am; and also by appointment.

**TEXT:** “Calculus: Concepts and Contexts”, third edition; Publisher: Thomson; Author: James Stewart.

**THE COURSE...:** This is the first in a sequence of three calculus courses for science and engineering students. The goal is to prepare you to make use of calculus as a practical problem-solving tool.

### KEY DATES:

Monday, June 22: 6-Week-2 Registration Period Ends and Classes Begin

Wednesday, June 24: 6-Week-2 Add/Drop Period ends

Friday, July 3 - Saturday July 4: Independence Day (University Closed)

Saturday, August 1: 6-Week-2 Classes End: Final examinations scheduled during last class meeting

**SYLLABUS:** We will cover much of the material in Chapters 1 through Chapter 5 of Stewart

**RECITATIONS AND LABS:** Please register for this section: [CRN: 11130] Mr. Evgueni Trofimov is your Recitation Instructor. Each week there will be three recitations: Wed/Thur/Fri 8:00-8:50 AM, 521 Benedum Hall; while every Tuesday 8:00 AM-10:15 AM, you will need to go to a lab session at GSCC 126.

### PROBLEMS, HOMEWORK ASSIGNMENTS AND QUIZZES:

List of practice problems for this course will be given. Try to practice as more as you can. Please consult me or your TA regularly – in office hours or recitation – about the problems you are “stuck on”; or when you are uncertain of your solutions. Also you can go to the *Math Library* and consult the many books there about *Calculus...* Or, try “Google” to find *mathematics resources: books, research papers, on-lin encyclopedias, etc...*

Homework Assignments will be given via <http://homework.math.pitt.edu/>. You can do them in your lab session or anywhere else via internet. Due date to each homework will be posted online respectively by your TA. Please make sure to do them all before the due date. **NO LATE HOMEWORKS ACCEPTED.**

Quizzes will be given every Wednesday and Friday (if the Friday is neither an exam day nor a holiday) in Recitation and graded by your TA. **NO MAKE-UP QUIZZES.** If anything unexpected happen, please try to take quiz with your TA earlier than regular time in order to receive credits. **NO CALCULATORS, COMPUTERS, HEADPHONES, OTHER ELECTRONIC DEVICES, TEXTS, NOTES or FORMULAE SHEETS** may be used in ANY quizzes.

**EXAMINATIONS:** There will be one in-term exam as well as a final exam. All exams will be fully-written-answer exams (no multiple choice questions). Details follow:

--In-term Exam (Midterm): Friday, July 10: 9:00-10:15 AM, 522 Benedum Hall

--Final Exam: Friday, July 31: 9:00-10:15 AM, 522 Benedum Hall

**NO CALCULATORS, COMPUTERS, HEADPHONES, OTHER ELECTRONIC DEVICES, TEXTS, NOTES or FORMULAE SHEETS** may be used in ANY exam.

**NO MAKE-UP EXAMS ALLOWED.** If you can't attend any exam, please notify me at least 2 days before and arrange a time to take the exam before the regular time in order to receive the credits.

**ATTENDANCE:** I require each student to attend *every lecture and recitation*. There will be three times (random date) attendance checking in lecture, and twice (random date) attendance checking in recitation, worth one point each in the final grade.

**COURSE GRADE DETERMINATION:**

--Homework Assignments 15%

--Quizzes 10%

--Attendance 5%

--Midterm Exam 35%

--Final Exam 35%

**FURTHER INFORMATION AND ADVICE:**

- (1) The consequences for any student cheating/plagiarizing on an examination may include, but are not limited to, receiving an F-grade for the entire course. Cheating during an examination includes helping another student or letting another student cheat from your work.
- (2) Disability Resource Services: If you have a disability for which you are or may be requesting an accommodation, I encourage you to contact me and the Office of Disability Resources and Services, 216 William Pitt Union (412)624-7890, as early as possible in the semester.
- (3) I reserve the right to make modifications, with notice, to any part of the above course description.