Instructor:
Dr. Jo Nelson
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Office: 624 Math

`http://www.math.columbia.edu/~nelson/teaching.html`

Dates and Locations:
Lectures: 10.10-11.25am Monday and Wednesday, 203 MATH
$\qquad$ 1.10-2.25pm Monday and Wednesday, 203 MATH
Instructor Office hours: Monday and Wednesday 12-1pm, 624 MATH
Midterm 1: Wednesday October 4, 2017 (in class)
Midterm 2: Wednesday November 15, 2017 (in class)
Final Exam (tentative registar date):
(for morning lecture) Wednesday December 20, 2017 9-11.50am room TBA
(for afternoon lecture) Monday December 18, 2017 1.10-4pm room TBA

UNLESS YOU OBTAIN PRIOR APPROVAL FROM ME, YOU MUST SHOW UP TO THE
EXAM CORRESPONDING TO YOUR REGISTERED LECTURE

Grading Policy:
There will be two midterms and one final. There will also be weekly homework assignments. **No
calculators or other electronic devices (such as cell phones) will be allowed to be used
on exams.** Such a violation will result in a 0 on the exam, and in the case of a final, an F in the
course. The lowest homework grade will be dropped. The grade breakdown will be:

- Midterms: 20% each

- Final exam: 40%

- Homework: 19%

- Syllabus Awareness: 1%

To earn Syllabus Awareness credit, please email me the with subject 'Syllabus Awareness' and
include the dates of the exams, the location and time that homework is due, and the permissible
situations and documentation required for a make-up exams.

Teaching Assistants: TBA

Textbook:
James Stewart, *Calculus: Early Transcendentals*, 8th edition The topics for this course will include:

- Conic sections and parametric equations (§10.1-10.3, 10.5);

- Vectors and the geometry of space (§12);

- Vector functions (§13);

- Functions of several variables and partial derivatives (§14).

The prerequisite material for this course is that covered in Calculus I. Familiarity with the material of Calculus II is helpful but not essential. Problems will NOT be assigned from these chapters that require use of the techniques of integration taught in Calculus II.

Homework: *All homework questions should be posted to Piazza.*
WebAssign will NOT be used. Written homework assignments will be due **Fridays by 5pm** in the appropriate box CORRESPONDING TO YOUR REGISTERED LECTURE outside of 410 Math.
  Clearly print your first and last name on your assignment as well as your lecture time. Staple together all of your homework that is due on a given day.
  Only homework that is turned into the correct location will be graded. You are encouraged to work together with your classmates on the assignments, but the write-up must be in your own words. **Late homework will not be accepted.** Your lowest homework score will be dropped.

Math Help:
For help, you can stop by my office hours (listed above) or take advantage of the Help Room, at Milbank 333 on Barnard College. The course TAs all hold office hours at the Help Room:
http://www.math.columbia.edu/general-information/help-rooms/333-milbank/ .
If you think you need tutoring, you may find the following link useful:
http://www.math.columbia.edu/general-information/tutoring-services/

Additional practice problems for each section are listed on the course website.

Exam Conflicts and Make-ups:
It is your responsibility to inform me in writing as soon as possible and no later than one month before each exam if you have a conflict with an exam. Per University policy no student is obliged to take three exams on any given calendar day. Students with three exams on the same day should visit the Student Service Center in 205 Kent Hall to fill out a form which can then be submitted to each instructor or department. An attempt will then be made to arrange for one of the instructors to schedule a make-up exam on a different day. Examinations are not rescheduled to accommodate travel plans. **In the event of illness or family emergency I must be notified ideally at least 24 hours in advance and documentation from the dean and doctor must be provided to me.**

Disability-related Academic Accomodations:
In order to receive disability-related academic accommodations, students must first be registered with the Disability Services (DS). More information on the DS registration process is available online at: http://health.columbia.edu/disability-services/
  Registered students must present an accommodation letter to the professor before exam or other accommodations can be provided. Students who have, or think they may have, a disability should contact DS promptly for a confidential discussion.