Syllabus for Math 221, Calculus 1, Fall 2018

Professors
Dr. Rosemary Guzman, Department of Mathematics

Head Teaching Assistant (Head TA)
TBA

Teaching Assistants (TAs)
These are your small discussion section instructors, and are the people you will email with all of your questions. Here is a list of all TAs' names, emails, and discussion section times/locations.

Email Policy
Email any questions you have directly to your discussion section instructor (i.e. your TA). Emails should include your name and Net ID. Before you send an email, make sure that your question is not already answered in the provided course information. Their email addresses can be found here.

Course wiki
- This syllabus and other course information will be kept on the course wiki page: http://go.illinois.edu/math221fa18
- The answers to common questions will be on the course wiki.
- Much important course information is available only on this space. You are expected to be familiar with its content.
- Bookmark the course wiki, and explore it thoroughly before you attend your first discussion section.

Course Description
This is the first semester in the calculus sequence. The course covers chapters 2, 3, 4, 5, and 6 of the textbook (except Ch. 2 sec. 4 and Ch.4 sec.6). This course will be very fast-paced, as a prerequisite of this course is to have some familiarity with calculus concepts. If you have not had exposure to calculus before, you should consider taking Math 220.

Prerequisites
Placement in this course requires a recent U of I Math Placement Exam (ALEKS PPL) score of at least 80%. The deadline to do this is Friday, August 31. Students who enroll earlier than August 31 who have not met this requirement will be automatically dropped from this course starting September 3. Students who enroll on August 31 or later normally need to take the placement exam within one business day of enrolling in this class. For details see http://www.math.uiuc.edu/ALEKS. It is also expected that you have either one year of high school calculus or a minimum score of 2 on the AB Calculus AP exam.

Textbook and online homework access purchasing
- We will be using the Webassign online homework system for online homework. You can buy the system through the University Webstore; visit information on obtaining the textbook and webassign for your options to purchase the textbook and an access code to the online homework system, provided by WebAssign.

Classes
- Lecture CL1 (Prof. Guzman) meets Tuesday and Thursday, 1-1:50 pm, in 314 Altgeld.
- Lecture CL2 (Prof. Guzman) meets Tuesday and Thursday, 3-3:50 pm, in 314 Altgeld.
- You must be enrolled in one of the small discussion sections attached to your lecture. You must attend the section for which you are enrolled. The sections meet on Wednesday and Friday. Here is a list of all discussion section times/locations.
- You are expected to attend each class meeting.

Tutoring Hours
Information on tutoring hours and office hours will be kept on the course wiki. Tutoring hours are held most evenings. Monday through Thursday, by your small discussion section instructors (your TAs). You can attend these whenever they are offered, and receive help with the material of this course.
Exams

All exam locations will be announced the week prior to the exam, information to be posted at: Information for Midterm 1, Information for Midterm 2, Information for Midterm 3.

Mark these exam dates on your calendar now:

- Midterm 1: 7:00-8pm, Wednesday, September 26.
- Midterm 2: 7:00-8pm, Wednesday, October 24.
- Midterm 3: 7:00-8pm, Wednesday, November 14.
- Final Exam: Begins at 8am on Monday, December 17, 2018. The final exam will be combined and cumulative. For more information, see Information for Final Exam.

All exams will be closed book and no notes. No calculators or other electronic devices will be permitted.

Arrive 15 minutes before the exam's start time. You'll need to know which discussion section you are enrolled in, and the name of your discussion section instructor. You must bring a photo ID to every examination.

Conflict Exams

If you have a conflict with one of the exam times, please consult the university policy on evening midterm exams. If you have a conflict with the final exam, please consult the university policy on final exams. Based on that, if you think your situation qualifies you to take the conflict exam, you must fill out the form below as soon as possible, but no later than one week before the exam in question. Your professor reserves final judgment as to which exam you will take. Conflict midterm exams are to be held the next day at 8am (you will receive an email confirming you are registered with the location of the exam.) As with the regular exam times, arrive 15 minutes early with your photo ID. Any student that shows up to take a conflict exam, without having registered at least one week in advance, will receive a zero on that exam.

To request to register for a conflict midterm exam, fill out the appropriate form below as soon as possible, but no later than Friday at 5pm one week prior to that exam:

Conflict request form for Midterm 1, Conflict request form for Midterm 2, Conflict request form for Midterm 3

You will receive a confirmation email by 11:59pm on the Sunday before a midterm exam confirming your registration to the conflict and informing you of its location.

Conflict request form for Final (available by late October)

Missed Exams

There will be no make-up exams. Rather, in the event of a valid illness, accident, or family crisis, you can be excused from an exam so that it does not count toward your overall average. Such situations must be documented by an absence letter from the Student Assistance Center located in Room 300 of the Turner Student Services Building, or from a physician (a note stating you visited a doctor is not sufficient for excusal and may result in a grade of zero). Professors reserve final judgment as to whether an exam will be excused, and students must contact the professor within 12 hours of the missed exam, in advance when possible. Unexcused missed midterm examinations will be recorded as zeros. An unexcused final examination will be handled as dictated in the UIUC Examination Policy.

Exam return and Regrade requests

Midterm examinations will be returned in your first (Friday) discussion section following that midterm. To request a regrade of a particular problem, you must submit a regrade request. These will be due in the first (Wednesday) discussion section after midterm exams are returned, regardless of when you received your exam. If you are unable to pick up your work in section, you must make arrangements with your TA to collect it from office hours.

To submit a regrade request, you will hand in your original midterm exam to your TA, along with a handwritten note explaining why the grading doesn't match the rubric. (We will post exam rubrics by the Friday exams are to be passed back.) The TA will first check exam integrity (some percentage of exams are copied before the exams are returned, and kept on file.) Then the TA will compare your solution to the grading rubric; and in the event of a discrepancy, they will pass update your score, possibly consulting the TA responsible for having graded that problem. Regrades may increase or decrease your score.

Webassign online homework

Online problems will be assigned frequently through the WebAssign system. These give you practice and feedback on the basic course material. “Dropped scores” information is provided in that section below.

Homework will be due as indicated on WebAssign as well as on the schedule at Assignments, quizzes, and worksheets, on Wednesdays and Fridays by 7:59am sharp. Late homework will NOT be accepted, and no extensions will be granted.

The first homework assignment (Assignment #1) covers section 2.1 and will be due on Friday, August 31st, at 7:59am, and Assignment#2 is due Wednesday at 7:59am and covers sections 2.2 and 2.3, etc.; please refer to our schedule of homework assignments. To access WebAssign, login using your University of Illinois NETID and password at webassign.net/uiuc/login.html You may need to wait 24-48 hours after registering for this course to be able to login to webassign. For problems, check out webassign student support:
PROCESS FOR GETTING HELP WITH WEBASSIGN

1. Students should fill out a tech ticket at the link below. This should take about 6090 seconds.

http://support.cengage.com. Students, please be as specific as possible in your description of the issue, and if you have purchased a code (and that is the issue at hand), please include it.

2. Students will be given a case ID, which they should email to webassign@illinois.edu.

The UIUC WebAssign team will follow up directly with students.

We have arranged for you to have free access to the webassign online homework system for the first two weeks of classes (free access will end at 11:59 pm, Tuesday, September 11th). Before that time you must have purchased a webassign online homework access code, the very same code you purchased when buying your textbook, available on the page with information on obtaining the textbook and webassign.

You may work on these homework assignments alone, or in small groups.

Worksheets and Quizzes

Most section meetings will include either a worksheet, quiz or both. Missing either results in a score of zero. Dropped score information is provided in the section below. Worksheets are a continuation of lecture, but not a repeat. Topics covered in lecture will be explored further in Worksheets. Quizzes will consist of 2 - 4 problems and should take fewer than 15 minutes to complete. Worksheets and Quizzes are graded out of 10 points each. You must arrive at the small section on time in order to receive full credit on the worksheet.

Worksheets

- In the small discussion sections, you will work in small groups on worksheets, which will be collected at the end of the section and graded.
- It is essential to work well with your group-mates: your section leader (TA) will grade one worksheet chosen at random from each group, and every member of the group will receive that grade.
- You must arrive at the discussion section on time in order to receive full credit on the worksheet.
- To view the schedule and topics for the worksheets, see Assignments, quizzes and worksheets.
- Solutions for worksheets will be posted at Assignments, quizzes and worksheets at the end of each week.

Quizzes

- There will be in-class quizzes and occasionally take-home quizzes throughout the semester. In-class quizzes will be completed individually and take place at the very start of discussion section on most Fridays.
- To view the schedule and topics for the quizzes, see Assignments, quizzes and worksheets.
- Quizzes and their solutions will be posted at Assignments, quizzes and worksheets at the end of each week.

Dropped scores

Your lowest four worksheet scores and your lowest two quiz scores will be dropped. We will be dropping your four lowest webassign online homework scores (each homework is weighted equally), but this calculation will only be done at the very end of the course.

Missing Online Homework/Worksheets/Quizzes

- In this course we will NOT accept late work, grant extensions, or give any make-up work.
- Vacation and leisure plans are not a valid excuse for missing classes, exams or other assigned work.
- If a student has a valid reason (e.g. enrolled late in the course, official university-approved event with a letter from the appropriate representative) the student should contact his or her TA and ask that any missed worksheet, quiz or homework be excused. (A note stating you visited a doctor is not sufficient for excusal and may result in a grade of zero.)
- Absences of longer than 3 days must be documented by an absence letter from the Student Assistance Center located in Room 300 of the Turner Student Services Building. The student must email a copy of the appropriate documentation, along with a complete list of the work that they would like to be excused from, to their small discussion section instructor (their TA), no later than one week after any assignment from which you are requesting to be excused. You can look up their email here.
- Your professor retains final judgment in dealing with such matters.

Grading

Your final course total will be computed as follows. Information about grade distributions will be provided on the course wiki after each midterm exam.

- Online webassign homework: 5%
- Worksheets: 5%
- Quizzes: 10%
• Three Midterms Exams: 16% each
• Final: 32%
• TOTAL: 100%

• We will not “curve” the final course grades down. For example, if your final average is 90% then your final grade will be some sort of “A”.
• It is possible that we will “curve” up. In other words, if your final average is 88.6% then it is possible, but not guaranteed, that your final grade will be some sort of “A”.
• Your work on the homework and worksheets is crucial to your success in the course.
• Material covered on the exams will strongly reflect material which has been covered in homework and the worksheets.

The departmental historical grade distribution for MATH 221 is:
~ 28% of people earn "some sort of an A"
~ 40% of people earn "some sort of a B"
~ 21% of people earn "some sort of a C"
~ 7% of people earn "some sort of a D"
~ 4% of people earn an F

Viewing your grades online

To view your scores on worksheets, quizzes, and exams, use your University of Illinois NetID and password to login to learn.illinois.edu. To view your scores on your webassign online homework, login to webassign.net/uic/login.html. You may need to wait 24-48 hours after registering for the course to be able to log in to learn.illinois.edu.

Note: webassign homework scores will not be transferred to learn.illinois.edu until after the final exam. Additionally, students “final percentage grade” will not be calculated for them on learn.illinois.edu until the end of the course. Students must calculate/estimate this themselves during the semester. If you need help with this calculation, attend Tutoring Hours. It is the responsibility of the student to check that their grades are recorded correctly at learn.illinois.edu. If an incorrectly recorded grade is discovered, you must notify your discussion section instructor (your TA) and show them the original document that was incorrectly recorded within one week of it being returned in discussion section.

Add/Drop Information

Any request for approval to add the course must be done through either emailing the Math Undergraduate Office at mathadvising@illinois.edu, or by stopping in to speak with an advisor in their office at 313 Altgeld Hall, weekdays between 8:30-noon or 1-5pm. Advisors in that office are the sole evaluators of merits of add requests.

Once added, any questions about missed work should be directed to your TA.

Note that the last day to drop without a grade of ‘W’ for a semester-long course this Fall semester is Friday, October 19th, as can be seen in the Fall 2018 Academic Calendar available here, via the Office of the Registrar.

Calculator policy

No calculators are allowed for exams or quizzes.

Students with Disabilities

Students with disabilities who require accommodations should see their professor as soon as possible. In particular, any accommodation on exams must be requested at least a week in advance and will require that you share your accommodation letter from DRES (Disability Resources & Educational Services) with your professor. Students must schedule any exam for which they require accommodation directly with the DRES facility. To schedule an examination at the DRES facility, remember that all midterm examinations must be scheduled at least one week in advance, and the final examination must be scheduled at least one month in advance. Midterm examinations for this class must be scheduled to be taken in the afternoon on exam day, or may have a start time of as late as noon on the following day. Details regarding preferred scheduling for the final examination will be posted here in early October, when the combined final examination day and time are made available by the registrar’s office.

Large lecture Etiquette

Since there are more than 200 people in the room, it’s particularly important to arrive on time, remember to turn off your cell phone, refrain from chatter, not pack up your stuff until the bell has rung, et cetera. Otherwise it will quickly become hard for the other students to pay attention.

This course has well over 1000 students, between all the large lectures. To ensure the semester runs smoothly, it is paramount that everyone knows and follows the course policies.

Academic integrity
Violations of academic integrity (for example, cheating on exams) will be taken extremely seriously, and will be handled under the procedures of Article I, Part 4 of the student code. Please note that some of the penalties outlined in the Student Code are quite unpleasant. A standard penalty for cheating on an exam is a score of zero on the exam and a permanent letter in the student's college file. Looking at another student's exam or quiz counts as cheating, whether or not you gain any benefit.

Final note

Welcome to Math 221. All of us are committed to helping you realize your potential in this course. You will work hard during the course, and we hope that you find this work rewarding. Best wishes for a productive and enjoyable semester!