Calculus I
Mathematics 221
Fall 2018

Lecture information:

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Location</th>
<th>Professor</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL1</td>
<td>TTh 8:00 to 8:50 am</td>
<td>314 Altgeld Hall</td>
<td>Lena Folwaczny</td>
<td><a href="mailto:lfolwa2@illinois.edu">lfolwa2@illinois.edu</a></td>
</tr>
<tr>
<td>AL2</td>
<td>MWF 9:00 to 9:50 am</td>
<td>314 Altgeld Hall</td>
<td>Lena Folwaczny</td>
<td><a href="mailto:lfolwa2@illinois.edu">lfolwa2@illinois.edu</a></td>
</tr>
</tbody>
</table>

Discussion Section information:

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA</td>
<td>WF 8:00-8:50am</td>
<td>145 ALTGELD</td>
<td>Yamzon, Nicole</td>
<td><a href="mailto:nyamzon2@illinois.edu">nyamzon2@illinois.edu</a></td>
</tr>
<tr>
<td>ADB</td>
<td>WF 9:00-9:50am</td>
<td>243 ALTGELD</td>
<td>Yamzon, Nicole</td>
<td><a href="mailto:nyamzon2@illinois.edu">nyamzon2@illinois.edu</a></td>
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<tr>
<td>ADC</td>
<td>WF 10:00-10:50am</td>
<td>137 HENRY BLD</td>
<td>Mendes de Araujo, Pedro</td>
<td><a href="mailto:pedrom2@illinois.edu">pedrom2@illinois.edu</a></td>
</tr>
<tr>
<td>ADD</td>
<td>WF 11:00-11:50am</td>
<td>137 HENRY BLD</td>
<td>Yang, Yuji</td>
<td><a href="mailto:yujiy2@illinois.edu">yujiy2@illinois.edu</a></td>
</tr>
<tr>
<td>ADE</td>
<td>WF 1:00-1:50pm</td>
<td>143 HENRY BLD</td>
<td>Nahvi, Mina</td>
<td><a href="mailto:mnahvi2@illinois.edu">mnahvi2@illinois.edu</a></td>
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<tr>
<td>ADF</td>
<td>WF 2:00-2:50pm</td>
<td>2 ILL HALL</td>
<td>Nahvi, Mina</td>
<td><a href="mailto:mnahvi2@illinois.edu">mnahvi2@illinois.edu</a></td>
</tr>
<tr>
<td>ADI</td>
<td>WF 9:00-9:50am</td>
<td>143 ALTGELD</td>
<td>Zhu, Heyi</td>
<td><a href="mailto:heyizhu2@illinois.edu">heyizhu2@illinois.edu</a></td>
</tr>
<tr>
<td>ADJ</td>
<td>WF 10:00-10:50am</td>
<td>441 ALTGELD</td>
<td>Folwaczny, Lena</td>
<td><a href="mailto:lfolwa2@illinois.edu">lfolwa2@illinois.edu</a></td>
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<tr>
<td>ADK</td>
<td>WF 11:00-11:50am</td>
<td>241 ALTGELD</td>
<td>Folwaczny, Lena</td>
<td><a href="mailto:lfolwa2@illinois.edu">lfolwa2@illinois.edu</a></td>
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<tr>
<td>ADL</td>
<td>WF 12:00-12:50pm</td>
<td>2 ILL HALL</td>
<td>Yang, Yuji</td>
<td><a href="mailto:yujiy2@illinois.edu">yujiy2@illinois.edu</a></td>
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<tr>
<td>ADH</td>
<td>WF 8:00-8:50am</td>
<td>143 ALTGELD</td>
<td>Zhu, Heyi</td>
<td><a href="mailto:heyizhu2@illinois.edu">heyizhu2@illinois.edu</a></td>
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<tr>
<td>ADM</td>
<td>WF 1:00-1:50pm</td>
<td>143 ALTGELD</td>
<td>Mendes de Araujo, Pedro</td>
<td><a href="mailto:pedrom2@illinois.edu">pedrom2@illinois.edu</a></td>
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<tr>
<td>ADO</td>
<td>WF 2:00-2:50pm</td>
<td>441 ALTGELD</td>
<td>Bhardwaj, Neer</td>
<td><a href="mailto:nbhard4@illinois.edu">nbhard4@illinois.edu</a></td>
</tr>
<tr>
<td>ADN</td>
<td>WF 3:00-3:50pm</td>
<td>141 ALTGELD</td>
<td>Bhardwaj, Neer</td>
<td><a href="mailto:nbhard4@illinois.edu">nbhard4@illinois.edu</a></td>
</tr>
<tr>
<td>AD1</td>
<td>WF 11:00-12:50</td>
<td>173 ALTGELD</td>
<td>Linz, William</td>
<td><a href="mailto:wlinz2@illinois.edu">wlinz2@illinois.edu</a></td>
</tr>
<tr>
<td>AD2</td>
<td>WF 1:00-2:50pm</td>
<td>173 ALTGELD</td>
<td>Pynn-Coates, Nigel</td>
<td><a href="mailto:pynncoa2@illinois.edu">pynncoa2@illinois.edu</a></td>
</tr>
</tbody>
</table>

Course Overview: This course discusses the concept of functions and the basic ideas of the calculus.

Course Website: All course materials are on the class website:

https://faculty.math.illinois.edu/ lfolwa2/math221F18.html

Regarding Emails: To ensure emails are noticed, send emails with subject title “Math 221: [topic]”

ALEKS Testing and Placement

Placement in this course requires a minimum score of 80% on a recent ALEKS PPL test, taken between the dates of April 16th, 2018 and August 31st, 2018. If the last time you took the exam was before these dates, then you must retake the exam. For details see

https://math.illinois.edu/academics/undergraduate-program/aleks-ppl-mathematics-placement-exam

The deadline to achieve the minimum ALEKS score is August 31st, 2018.

Important note: Not achieving the minimum ALEKS score by the deadline results in automatically being dropped from the course starting September 3rd, Labor Day. If you have been contacted by math advising about retaking the ALEKS test, you must not ignore the email or you will be dropped. Such administrative drops are irreversible.
Course Textbooks

The following text is required:

• We will use the 8th edition of Calculus: Early Transcendentals by James Stewart, along with online Homework access provided by WebAssign

The same textbook will be used for the first three semesters of calculus (semester 1 - MATH 220 or 221, semester 2 - MATH 231, semester 3 - MATH 241) as long as you take these courses over the next three regular semesters. Purchasing options for the textbook can be found at

http://go.illinois.edu/CalculusBookInfo

If you plan to take additional semesters of calculus (MATH 231 or MATH 241) at this university, then you should get the multi-semester option which includes online homework access. Homework is regularly assigned after each lecture, and due the day after the next lecture at 8am. The above link lists the multi-semester option with eBook and online homework access for $109. To this option you can add a hard copy of the textbook for $131.50. The eBook should be an identical but electronic version of the textbook. If you only plan to take this one semester of calculus, the above link shows a one-semester purchase option of the eBook and online homework access for $76.50. This only lasts for one semester so if you drop the course or fail the course and need to take it again, you would have to purchase the book again. There are also two libraries that have copies of the textbook on reserve.

(1) Mathematics Library - 216 Altgeld Hall (1409 W. Green St, Urbana, IL)

(2) Grainger Engineering Library - 1301 W. Springfield Ave, Urbana, IL

Calculators

No calculators are allowed for quizzes, tests, or the final exam. To help prepare for this, you should refrain from using calculators on HW and GW assignments.

Homework

Homework will be completed online using WebAssign. Directions for logging in the first time can be found on the website below:

https://wiki.illinois.edu/wiki/display/szuta/WebAssign+FAQ

You may need to wait 24-48 hours after registering for the course to be able to log in to WebAssign. For technical problems, follow the instructions at the link above or e-mail webassign@illinois.edu

Homework will be assigned for each lecture, and will generally be due two lectures later, at 8am on the due date. That is, HW based on Mondays lecture is due Friday at 8am, and Wednesdays is due on the following Monday, etc. Late homework will not be accepted, but the lowest 4 scores will be dropped. The first assignment is due Friday, August 31st at 8am. To access WebAssign login here using your U of I netid and password:

https://www.webassign.net/uiuc/login.html

In addition, a list of practice problems from the book will be posted on the course website. These will not be graded, but provide extra practice for any student who would benefit from it.
**Worksheets / Quizzes**

Most section meetings will include either a worksheet, quiz or both. Missing either results in a score of zero. At the end of the semester, the 2 lowest quiz scores and 4 lowest Worksheet scores will be dropped.

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.

For Worksheets, it is essential to work well with your group-mates: your section leader will grade one worksheet chosen at random from each group, and every member of the group will receive that grade.

**I-clickers**

At the beginning of each lecture, you will answer 2 review questions with your I-clicker (except for Exam Days). You are allowed to speak to the students next to you, or use any written material in the room with you when answering I-clicker questions. You are not allowed to access your phone, computer, or calculator.

**Exams**

There are three evening midterm exams for this course. They from 7 - 8pm on:

- Exam 1          Wednesday, September 26th
- Exam 2          Wednesday, October 24th
- Exam 3          Wednesday, November 14th

You should plan on arriving for each exam by 6:45pm. **You must bring a picture ID to all exams.**

**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 towards your overall average. Such situations must be documented and it is at the instructor’s discretion whether an exam will be excused. All such requests should be made in advance if possible. In case of illness, a note stating you visited a doctor is not sufficient for excusal.

**Academic Integrity**

The students’ academic integrity code can be found in the Student Code - Article 1, Part 4. In accordance with these policies, the penalty that an instructor is permitted to impose for cheating of any kind on any graded material or calculator policy violation in this class is anything up to immediate failure of the course and a letter placed in the student’s permanent school file. Such actions can have a significant impact on your career well beyond your undergraduate training. **Academic integrity is worth protecting.**
DRES Accommodations

If you are recommended for exam accommodations by DRES, your instructor and TA must be notified and presented with official documentation no later than one week before each exam for which an accommodation is requested.

Returned Work and Grade Disputes.

Quizzes and exams will be returned in sections. If you are unable to pick up your work in section, you must make arrangements to collect it from office hours.

Solutions to quizzes and exams will be posted before the quizzes and exams are returned to you. Grading issues should be discussed with me in office hours. You have exactly one week after the day your work is passed back in class to discuss these issues. After this time, no changes will be made to your score.

Course Grade Partitions

The components of the final grade are listed by type and final grade percentage:

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Final Grade Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>5%</td>
</tr>
<tr>
<td>Groupwork</td>
<td>5%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Exam 1</td>
<td>16%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>16%</td>
</tr>
<tr>
<td>Exam 3</td>
<td>16%</td>
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<tr>
<td>Final Exam</td>
<td>32%</td>
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<tr>
<td>Total</td>
<td>100%</td>
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Maximum cutoffs for letter grades will be at the traditional 90%, 80%, etc. with plus grades given at 97%, 87%, etc. and minus grades given at 93%, 83%, etc. Curves are possible but rare.

Office Hours and Tutoring.

My office hours are in 331 Illini Hall by appointment, or you can walk-in on Wednesday/Friday from 12:30 - 2pm.

Starting September 4th, TAs will hold office hours in 145 Altgeld Hall, 5 - 8pm, on Mon/Tues/Wed/Thurs.

Attendance

There is no substitute for attending class, and it is up to you to attend. There will often be announcements made in class about office hours, room changes for exams, etc. If you miss class or arrive late, check moodle, or the class webpage, or talk to someone in the class about any important announcements.
**Contract for Classroom Decorum**

These are very large lectures with many people. The classroom environment should be conducive to learning for all students. Enrollment in this course entails entering into a contract for classroom decorum. If your behavior is disrespectful or disruptive, then you will be asked to leave.

**Expectations for Professor and Discussion Instructors:**
- Treat instructors and students with professionalism and decency
- Administer lectures, groupwork, homeworks, or exams
- Answer math questions

**Expectations for Students:**
- Treat instructors and students with professionalism and decency
- Turn off all electronic devices (this distracts neighboring students as well as instructors)
- Keep talking to a minimum (this distracts neighboring students as well as instructors)

**Tips for Course Success!**

1. Focus on the math! Try to understand a little more every day.
2. Seek out as many resources as you can.
3. Steady studying wins the day.
4. There is no substitute for attending class.