TAM 210/211 Team

Professors

Prof. Gabriel Juarez Prof. Mariana Kersh

Course Assistants
Welcome to the official course website for TAM 210/11 at UIUC this Fall 2016.

NOTE: This page is always under construction!! Feel free to peruse, wander, and learn a bit about what's coming up this Fall, but dates/times/assignments etc. are subject to change. If you have any questions, feel free to drop us a line at the discussion forum on Piazza (see link below).

As well as the pages on this website, this course uses:

- Online homework via Mastering Engineering (updated August 21, 2016)
- Online homework via PrairieLearn
- Discussion forum on Piazza
- Gradebook on Compass
- Computerized Testing Facility sign-up
- Computerized Testing Facility instructions
ALL communication in the course will be via piazza

- Open discussion of questions from class: if there’s something you don’t understand, chances are other people don’t, and someone else may have the answer.
- Regularly checked by TAs, CAs and Profs.

Piazza [https://piazza.com/illinois/fall2016/tam210tam211/home](https://piazza.com/illinois/fall2016/tam210tam211/home)
Grade distribution

Final grades: The total score $s$ corresponds to final grades as follows.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score Range</th>
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<tbody>
<tr>
<td>A+</td>
<td>$97% \ s &lt; 100%$</td>
<td>A</td>
<td>$92% \ s &lt; 97%$</td>
<td>A-</td>
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<td>B+</td>
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<td>C+</td>
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<td>$s &lt; 55%$</td>
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Grades: on Compass2g

- Any errors in grade reporting on Compass must be reported within 2 weeks of the due date or by the last day of class, whichever is earlier.
- Missing grade for discussion section or a written assignment, contact one of the TAs in your section (personally or via Piazza).
- Missing grade from online homework, an exam, or i>clicker, contact the instructor (via Piazza).
Grades

- Lots of opportunities for points, don’t lose the little ones

A tenant of this class to be successful is: PRACTICE, PRACTICE, PRACTICE

As of 2011, Yo-Yo Ma had practiced approximately 50,000 hours (according to Malcom Gladwell)

“I’m not out there sweating for three hours every day just to find out what it feels like to sweat.”

“I’ve Missed More than 9,000 Shots in My Career”

I-Clickers – 4%

- Used for in-class assessment
- 50% participation, 50% correctness

- You should register your i>clicker on Compass 2g

“Make Clickers Work for You”
Dr. Stephanie Chasteen (CU-Boulder)
Discussion group activity – 8% of grade

• Work in groups of 3-4 students

• Goals:
  • Gain experience in team-work
  • Apply engineering concepts learned in lecture to real-world problems or hands-on activities

• Be prompt: if you are more than 5 minutes late, you will receive a 0 ☹

• You need to attend the discussion in which you are registered, otherwise, your assignment will not be graded
Online Homework (ME and PL) – 10%

- Instant feedback
- Infinite number of attempts
- First required HW is due this Thursday August 25

Register for MasteringEngineering:
http://www.pearsoncustom.com/il/ui_eng_mechStatics

ME due THURSDAYS

PL due TUESDAYS
Written Assignments – 8%

- Student will submit an individual written report on a weekly basis using compass
- Goal:
  - Practice the communication of engineering concepts in writing
  - The reports will be graded based on approximately:
    - 40% presentation, neatness, correct use of symbols, quality of drawings and diagrams, and clarity of explanation
    - 60%: Correct interpretation of the problem and correct final answers.
CBT Quizzes - 40%

- Bi-weekly
- No calculators!
- Sign up for a quiz time online
- Quizzes will be available Tuesday – Saturday
  - No conflict/make-up quizzes will be given
- Helps you assess your understanding of the material in real time so you can get partial credit!!
Final – 30%

TAM 210 final
• Location – CBTF
• Time – TBD (12\textsuperscript{th} week)

TAM 211 final
• Location – CBTF
• Time – TBD (finals week)

Conflict exams will be scheduled for students with legitimate (documented) scheduled conflicts. These are usually on the same day but earlier than the regular exam. You should contact the instructor via Piazza to schedule a conflict exam no later than one week prior to the exam date.
Support for students:

- Piazza
- Study Hall (429 Grainger)

Daily office hours are held in Grainger 429 according to the schedule below. Office hours start in Week 2 (Sunday Jan 24) of the semester.

<table>
<thead>
<tr>
<th>4-5</th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
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- Matlab clinic
  - Aug 23 – 26
  - MEL 1001

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- Homework 0 – vector math (use Matlab, trust us!)
- Written assignment based on Matlab code (same problems as HW0)
  - Due August 28
  - Available on Compass and must submit to Compass
  - Course website has a Matlab help document (see schedule page)
How to make the most from lecture...

- Attend!
- Use technology - bring your tablets, laptops, etc.
- Bring paper and pencil/pen
- Participate
  - Ask questions
  - Be prepared to answer questions
  - I don’t know is ok too!

- Any questions?