Statics - TAM 210 & TAM 211

Fall 2017

TAM 210/211 Team

Professors

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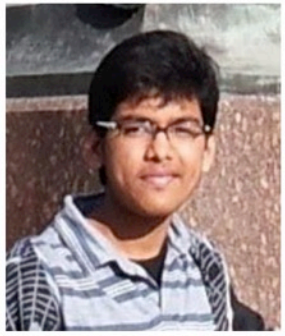

Konik Kothari

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Course websites

MAIN PAGE - https://courses.engr.illinois.edu/tam210/index.html

TAM 210/11: Statics

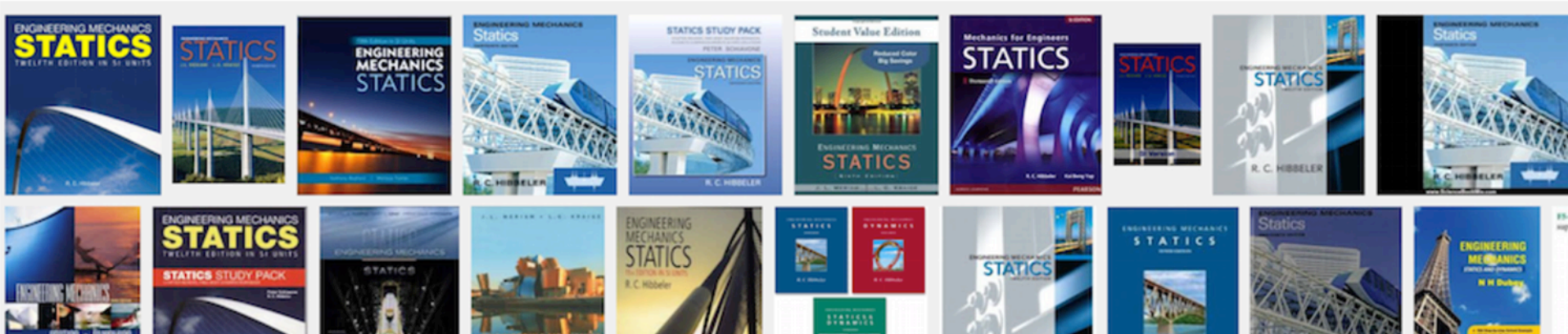
Home | Policies | Info | People | Schedule

Welcome to the official course website for TAM 210/11 at UIUC this Fall 2017.

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:

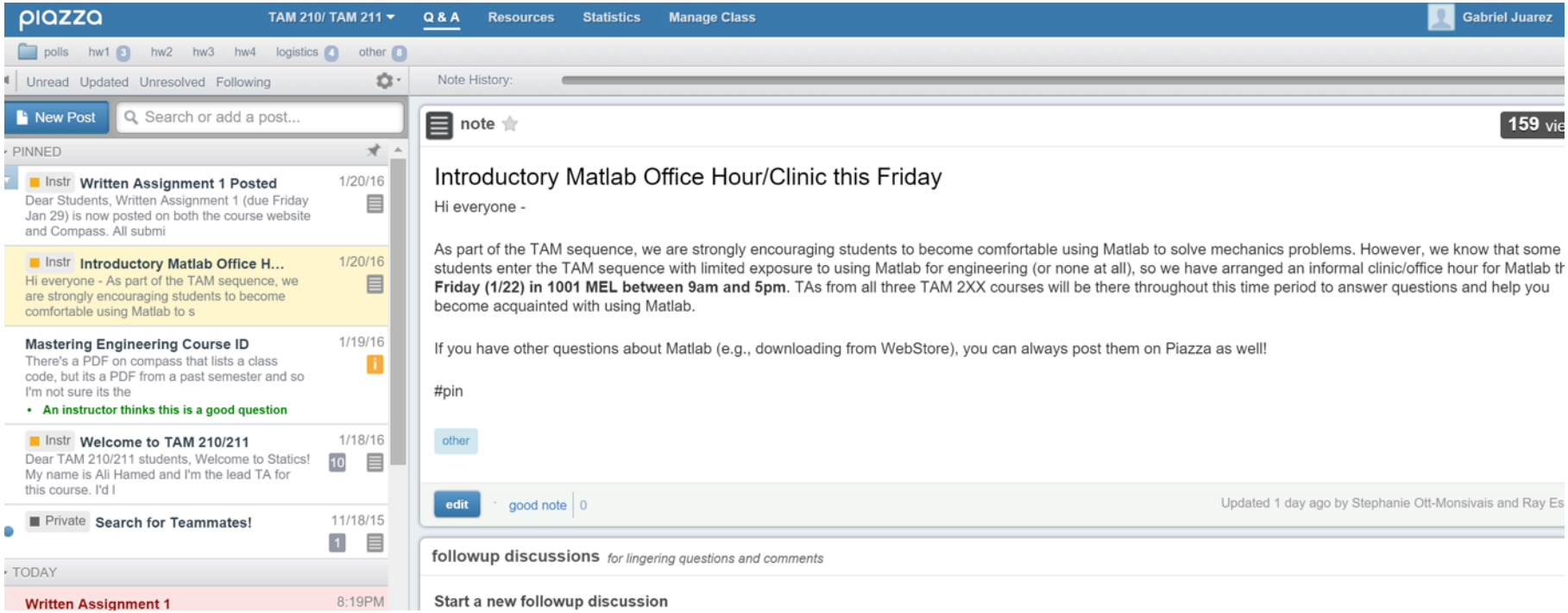
- Online homework via Mastering Engineering
- Online homework via PrairieLearn
- Discussion forum on Piazza
- Gradebook on Compass
- Computerized Testing Facility exam reservation
- Computerized Testing Facility instructions



Piazza: https://piazza.com/class/j62o5jknmj61p8

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.



Grade distribution

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

97%	$s < 100\%$	A+	92%	$s < 97\%$	A	89%	$s < 92\%$	A-
86%	$s < 89\%$	B+	82%	$s < 86\%$	B	79%	$s < 82\%$	B-
76%	$s < 79\%$	C+	72%	$s < 76\%$	C	69%	$s < 72\%$	C-
66%	$s < 69\%$	D+	59%	$s < 66\%$	D	55%	$s < 59\%$	D-
$s < 55\%$		F						

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

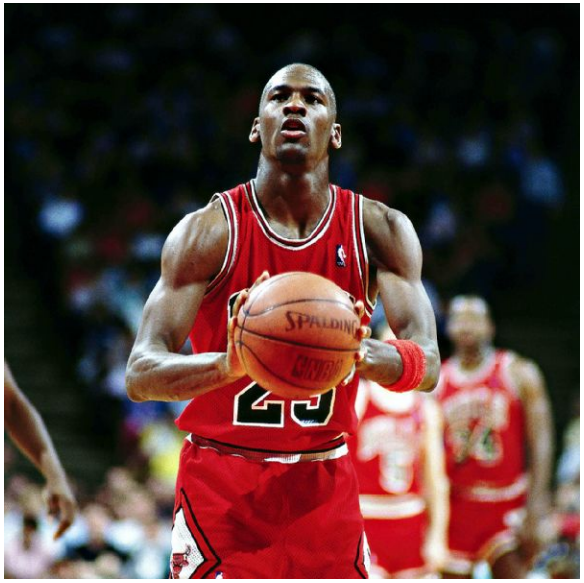
97%	s < 100%	A+	92%	s < 97%	A	89%	s < 92%	A-
86%	s < 89%	B+	82%	s < 86%	B	79%	s < 82%	B-
76%	s < 79%	C+	72%	s < 76%	C	69%	s < 72%	C-
66%	s < 69%	D+	59%	s < 66%	D	55%	s < 59%	D-
s < 55%		F						

- 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)

http://www.harvardclubofsandiego.com/images/article_images/148.jpg



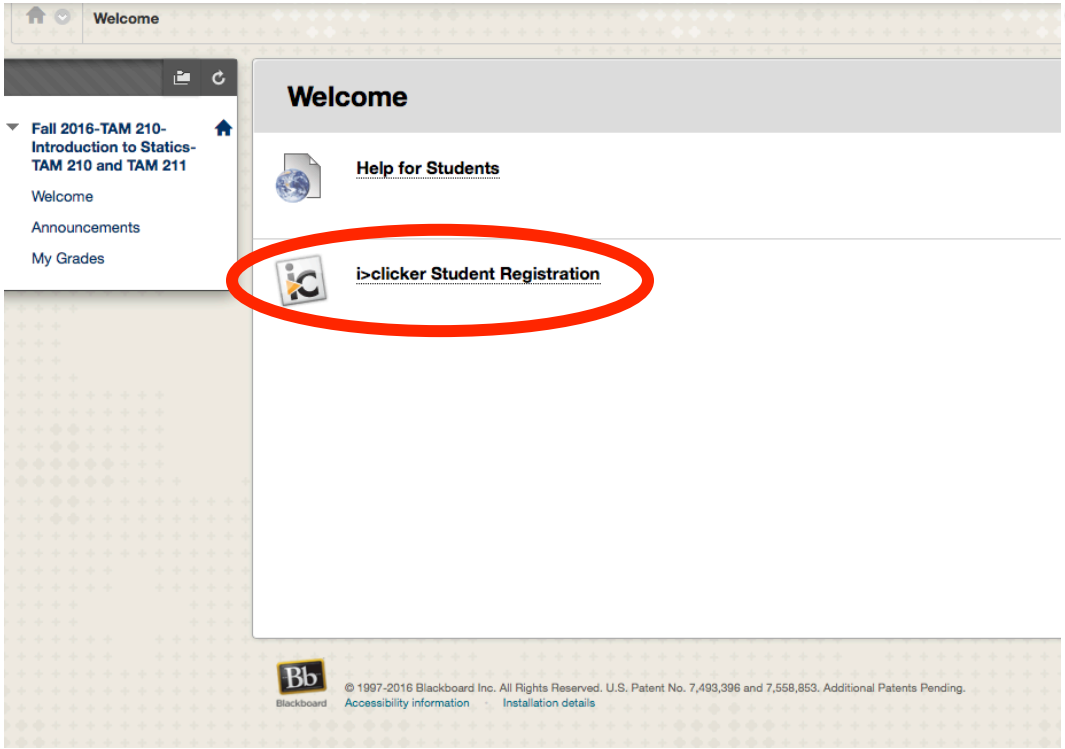
"I'm not out there sweating for three hours every day just to find out what it feels like to sweat."

"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)

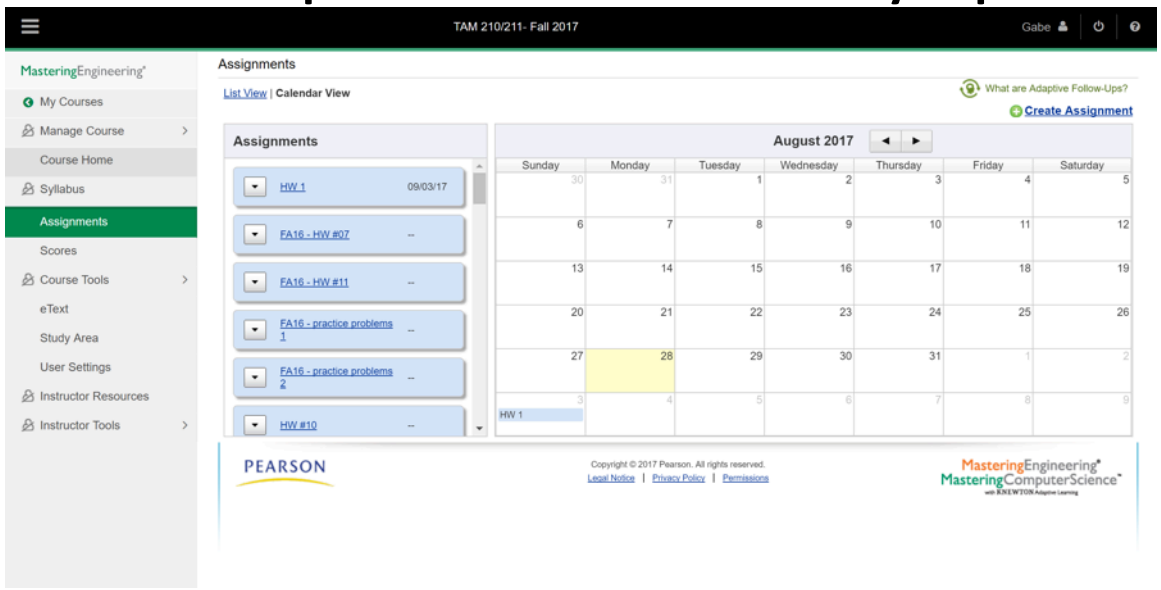
Discussion group activity – 8% of grade

- 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

dubishere.com

Online Homework (ME and PL) – 10%

- Instant feedback
- Infinite number of attempts
- **First required HW is due this Friday September 1**

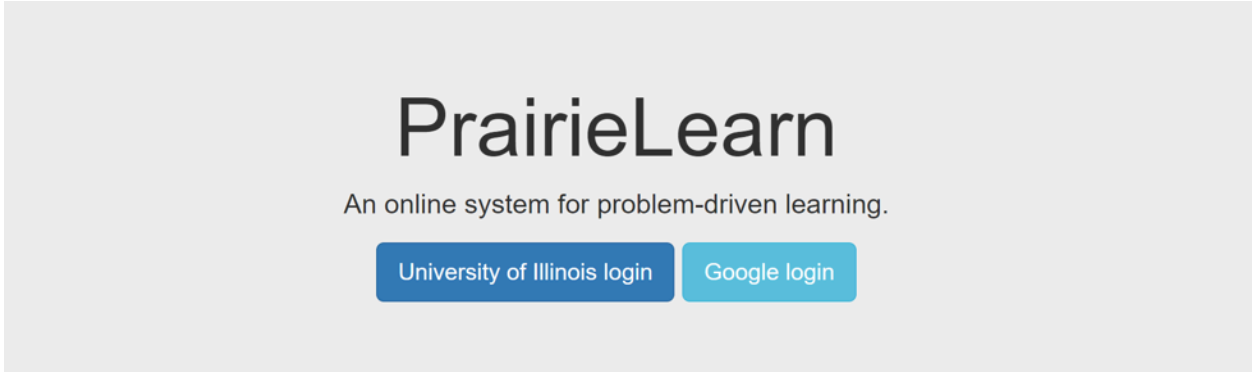


Register for MasteringEngineering:

http://www.pearsoncustom.com/il/ui_eng_mech_statics

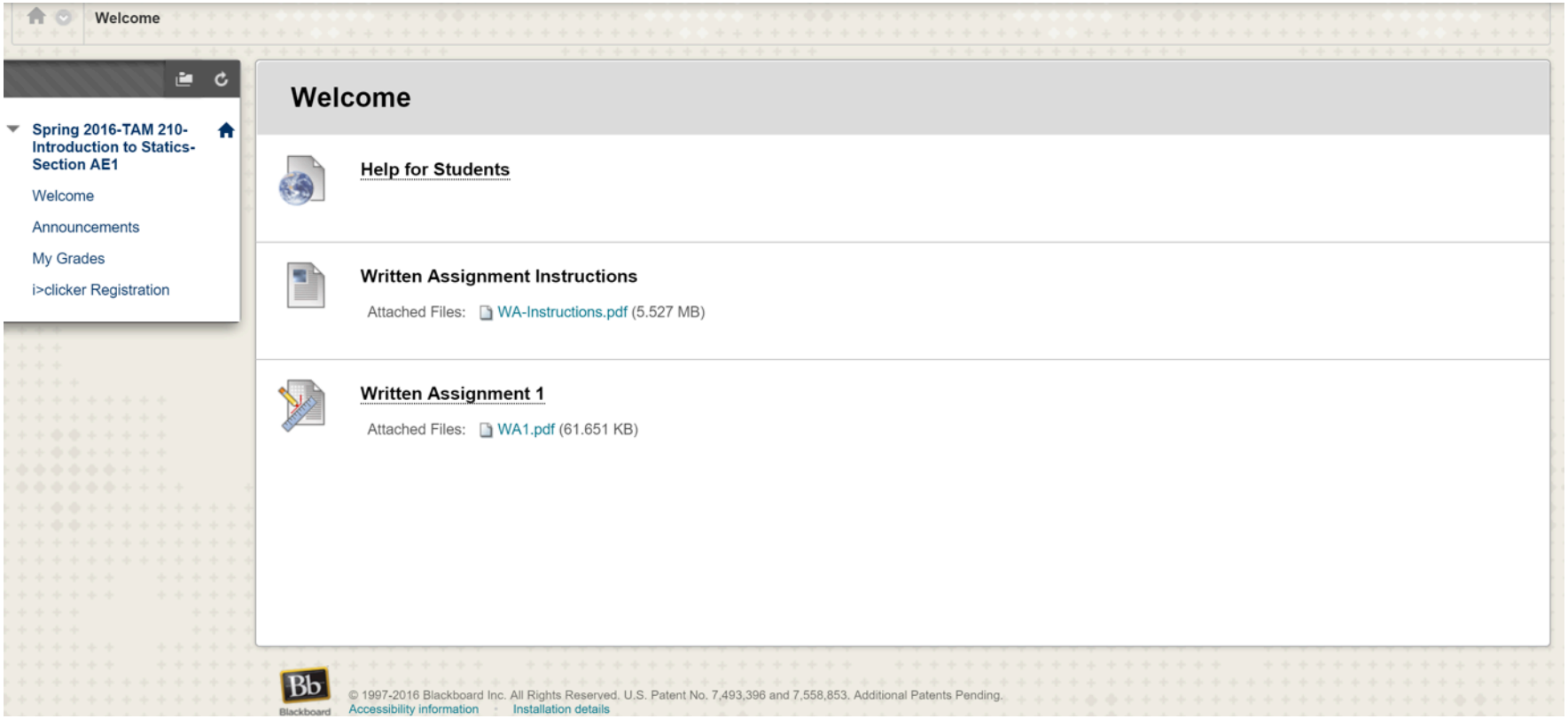
ME due THURSDAYS

PL due TUESDAYS



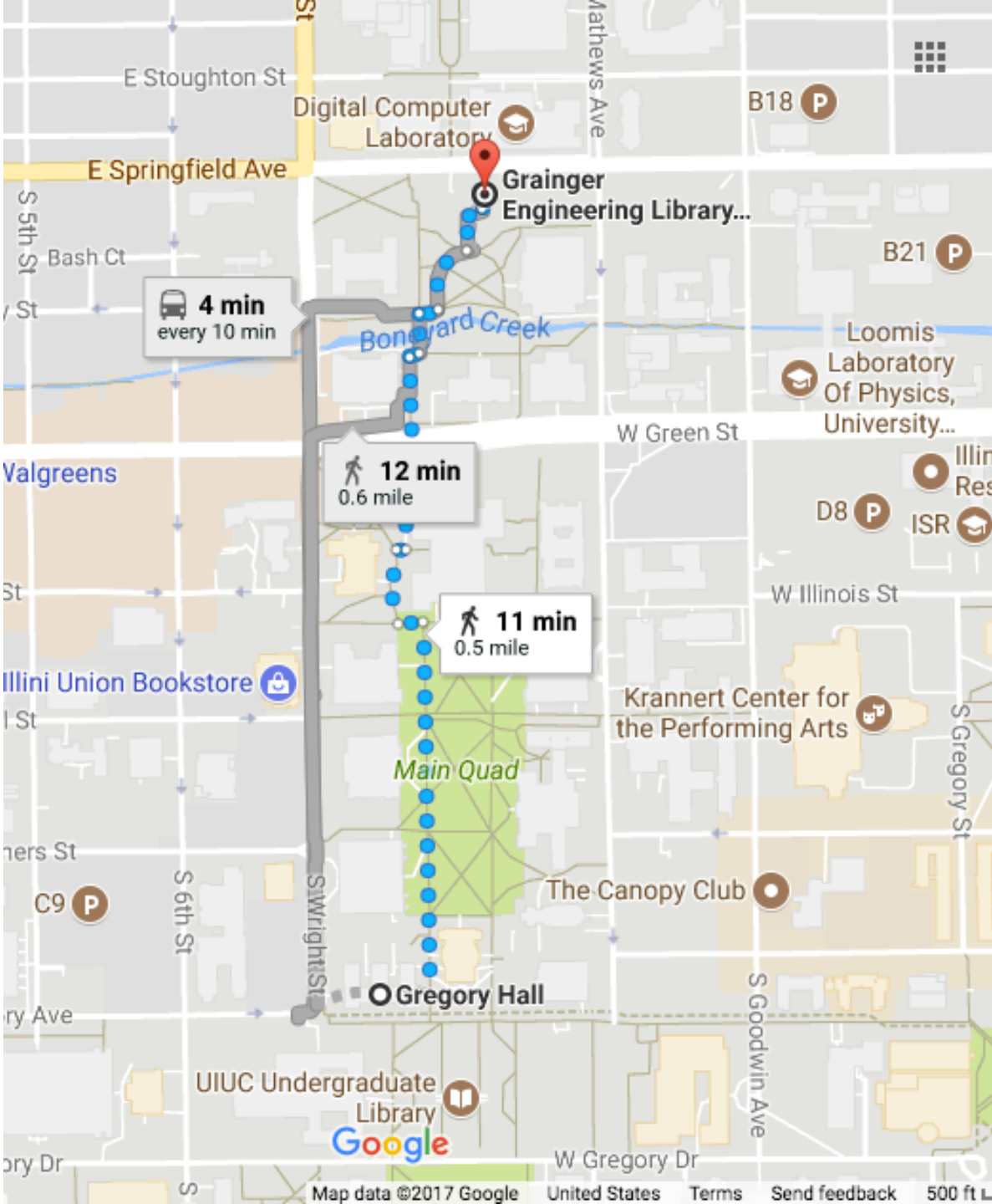
Written Assignments – 8%

- Student will submit an **individual written report 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.



Quizzes - 40%

- Check schedule
- **No calculators!**
- Sign up for a quiz time online
- Quizzes will be available **Tuesday – Friday**
  - No conflict/make-up quizzes will be given
- Helps you assess your understanding of the material in real time



Support for students:

- Piazza (everyday, reasonable working hours)
- Office hours (429 Grainger)

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
4-5	Konik	Kazem	Chenxi	Chenxi	Vineeth	Xian
5-6	Konik	Kazem	Vineeth	Kazem	Vineeth	Xian
6-7	Konik		Siyuan	Robin	Siyuan	Xian
7-8	Konik		Siyuan	Mosi	Robin	
8-9			Mosi	Mosi	Robin	

- Matlab clinic
  - Wed Aug 30
  - Fri Sept 1
  - MEL 1001

time	Mon	Tues	Wed	Thurs	Fri
9					
10					
11					
12					
1					
2					
3					
4					

- Homework 0 – vector math (use Matlab/Mathematica/Octave)
  - Course website has a Matlab help document (see schedule page)

Team Formation Activities

A team of researchers would like your help to learn more about CATME and what students think of it. By participating, you will help us improve future student experiences.

To receive the extra credit, you must complete all of the following:

- Course Pre-survey (via email 8/30 from Emily Hastings)
- Online Discussion Activity (on Compass, due 9/6)
- Mid-course Survey (via email 9/25 from Emily Hastings)
- CATME Peer Evaluation (via email 11/? from CATME)
- Course Post-survey (via email 11/? from Emily Hastings)
- Consent Form (in class and via email 11/? from Emily Hastings)

How to make the most from lecture…

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

- Any questions?