Course Meetings: M TR 1:30 PM - 3:45 PM in 135 Hawthorn Building
Text Book: Matrices Math 220 by Pinaki Das (Distributed on first day of class)
Contact: Email: jnk15@psu.edu, Office: 265 Hawthorn, Phone: x3103
Office Hours TBD
Additional Material: http://www.personal.psu.edu/jnk15/math220_15/

Course Description

Systems of linear equations; matrix algebra; eigenvalues and eigenvectors; linear systems of differential equations. Prerequisite: MATH 110, MATH 140 or MATH 140H

Grading (Dates Subject to Change)

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<tr>
<th></th>
<th>20%</th>
<th>Announced and/or Pop Quizzes, usually 1 quiz on each non-exam day</th>
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<tbody>
<tr>
<td>Midterm 1</td>
<td>20%</td>
<td>(Thursday May 21)</td>
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<td>Midterm 2</td>
<td>20%</td>
<td>(Thursday June 4)</td>
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<td>Final Exam</td>
<td>40%</td>
<td>(Thursday June 18)</td>
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<td>Total</td>
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Letter Grades will be assigned as follows:

A’s: 90%, B’s: 80%, C’s: 70%, D’s: 60%, F: less than 60%.

Grading Policies

- No Calculators, cellphones, mp3 players or any technology may be used on Quizzes or Exams. Any use of these or other technologies will be considered a violation of the Academic Integrity Policy.
- We will have quizzes most days, they are usually announced in advance, but pop-quizzes and take-home quizzes are possible. ‘Prerequisite’ material is fair game for all quizzes.
- There are no make up quizzes, no taking quizzes early or late, and no excused quizzes. Your lowest 3 quizzes will be dropped.
- If it is important for you to get a certain grade in this course, you should be taking the necessary steps before quizzes and exams, not after. If you come to me after a quiz or exam it’s too late. There will be no individual extra credit, so asking for it will do you no good.
- You are expected to write your work for this class in mathematically correct ‘math sentences’ and sometimes in english sentences. Make sure you study not just how to do calculations, but how to clearly and correctly write your solutions.
- For quizzes and tests I can only give you credit for what you show me that you know. If your solutions require you to explain things to me after the quiz/test, they are wrong.
- If you think you’ve found a grading error on any quiz or test, return the paper to me ASAP. In particular, return it to me the class it was handed back, before you’ve written anything else one it.
Homework

Homework will be posted for every section (on our class website). Homework is not collected or graded. You are expected to do **ALL** assigned homework, and should do your absolute best to have it all done for the next class.

Additionally reading the textbook is also homework every night. You may read sections before or after we cover them in class, so I don’t usually assign specific pages of reading for homework on specific days. However, you are responsible for reading all sections we cover.

Accommodations

Penn State welcomes students with disabilities into its educational programs. If you have a disability-related need for modifications or reasonable accommodations in this course contact the Health & Wellness Center, Disability Services, located at the Penn State Altoona Health Center. For more information call (814) 949-5540 or visit the Disability Services web site at [www.altoona.psu.edu/healthwellness](http://www.altoona.psu.edu/healthwellness). I must be notified as early in the semester as possible regarding the need for modifications or reasonable accommodations.

If you are on a sports team or have a disability, it is your responsibility to provide me with the relevant documentation (as soon as possible). It is also your responsibility and to contact me (in person or via email) **at least one full week** before missed work so we can schedule appropriate accommodations.

Academic Integrity

From Section 19-20 of the Penn State (1984) manual University Policies and Rules for Students

“Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. Academic dishonesty includes, but is not limited to, cheating, plagiarism, fabrication of information or citations, facilitating acts of academic dishonesty by others, unauthorized prior possession of an examination, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.”

Absences & Attendance

- You are responsible for all the material from every class as well as for any announcements made in class. Not being in class when something was said is *never* an excuse, so please don’t try it. In other words, I expect you to be in class.

- When you’re in class, I expect you to be paying attention to class. Excessive use of cellphones/tablets/laptops for non-class work may result in you being called to the board to explain things to the class.

- There are no make up quizzes, no taking quizzes early or late, and no excused quizzes. Your lowest 3 quizzes will be dropped.

- Excused absences are things like sickness, family emergency, travel for a sports team, etc. Appropriate documentation is needed for excused absences. If you have a conflict with midterms or the final, you’ll need to notify me before hand so we can schedule a make up. The earlier you notify me, the more likely I am to except your excuse. Within 24 hours, only real emergencies (i.e. things that involve ambulances, police, fire trucks, hospitals, etc) will be accepted.

  Things like appointments, vacations, travel, etc. are *not* reasons for excused absences.
Classroom Policies/Other Info

- My job for this semester is to help you understand (and possibly enjoy) math. If you have questions, please speak up, I can’t answer the questions you don’t ask.

- If you have suggestions about something you’d like done differently in class, please ask, I do my best to accommodate (reasonable) requests.

- I’m very happy with an interactive classroom. If you have something (related to our course) to say in class, feel free to shout it out or interrupt me. You may also raise your hand if that makes you happier.

- We’ll usually start class with questions from the HW. So you should show up to class with the questions you want to ask. This is a 200 level class so ‘Can you do number 12’ is not the right way to ask about the questions you have. A more appropriate question looks like: ‘I started number 12, but once I got to step XYZ I had 2 variables left and I was expecting one, so I wasn’t sure how to proceed.’

- I’m a bad speller, you have my preemptive apology. I’m aware that I spell terribly; you should feel free to correct my spelling or laugh at it if you feel so inclined.

Disasters/Emergencies/“Acts of God”

Class cancelations will be posted at a https://intranet.altoona.psu.edu/cancel/. If there is additional information needed (for example if an unforeseen emergency interferes with a midterm/final) it will be posted on our class website (www.personal.psu.edu/jnk15/math220_15/). Please check the class website before emailing me.

Contact Info

email:       jnk15@psu.edu  this is the fastest way to get in touch with me.
office phone:  x3103
website:  www.personal.psu.edu/jnk15/math220_15/
tutoring in LRC:  http://www.altoona.psu.edu/lrc/