Matrix Theory and Differential Equations
Fall 2006 Course Information 8/28/6

Overall plan

There are 42 class sessions in the Fall term. 4 sessions are reserved for 2 midterm exams and two reviews. So there will be 38 substantive sessions. The term is divided into three phases, each phase culminating in a review session and an examination.

- **Phase I**
  
  Begin: Monday August 28th
  
  End: Friday September 29th
  
  14 sessions
  
  Review I, Wednesday September 27th
  
  **Exam I**: Friday September 29th

- **Phase II**
  
  Begin: Monday October 2nd
  
  End: Friday November 3rd
  
  15 sessions.
  
  Review II, Wednesday November 1st
  
  **Exam II**: Friday November 3rd

- **Phase III**
  
  Begin: Monday November 6th
  
  End: Friday December 8th
  
  12 sessions.
  
  Review III, Wednesday December 6th and Friday December 8th
  
  **Final Examination**: Thursday 14th December at 8.00am in BE1022.
Meetings

- **Classes**
  CRN 11841 George Sparling gnilraps@gmail.com
  Three classes a week in BE 820:
  Mondays, Wednesdays and Fridays: 11.00-11.50am.

- **Recitations**
  CRN 12223: Aycil Cesmelioglu, ayc5@pitt.edu
  Each Tuesday and Thursday: 12.00-12.50pm in OEH 316.
  CRN 11842: Huibin Cheng, huc12@pitt.edu
  Each Tuesday and Thursday: 12.00-12.50pm in TY 627.

Textbook

We cover the material of chapters one through nine.

Grading

Your grade will be curved and based on your total score only, if you pass the Final Exam:

- If you pass the Final (i.e. C or better), you can expect a grade in the range A+ to B-, unless your work during the term is severely deficient.

- If you fail the Final (i.e. C- or worse), you can expect a grade in the range C+ to F.

Grading scheme

| Graded Homework assignments: | Best 11 of 14 at 30 points each | 330 |
| Quizzes: | Best 5 of 6 quizzes at 30 points each | 150 |
| Midterm exams: | 2 at 80 points each | 160 |
| Final exam: | 1 at 160 points | 160 |
| Maximum possible score: | | 800 |
Phase I Homework, Quiz and Exam Calendar

- Week 1
  M  8/28  Homework 1 assigned
  Th 8/31  Homework 1 due
  F  9/1  Homework 2 assigned

- Week 2
  M  9/4  Labor day: enjoy!
  Th 9/7  Homework 2 due
  F  9/8  Homework 3 assigned Quiz 1

- Week 3
  Th 9/14  Homework 3 due
  F  9/15  Homework 4 assigned

- Week 4
  Th 9/21  Homework 3 due
  F  9/22  Homework 5 assigned, Quiz 2

- Week 5
  W  9/27  Review for Exam 1
  Th 9/28  Homework 5 due
  F  9/29  Homework 6 assigned, Exam 1

Phase II Homework, Quiz and Exam Calendar

- Week 6
  Th 10/5  Homework 6 due
  F  10/6  Homework 7 assigned

- Week 7
  Th 10/12  Homework 7 due
  F  10/13  Homework 8 assigned, Quiz 3

- Week 8
  Th 10/19  Homework 8 due
  F  10/20  Homework 9 assigned
• Week 9
  Th 10/26  Homework 9 due
  F  10/27  Homework 10 assigned, **Quiz 4**

• Week 10
  W  11/1  Review for Exam 2
  Th  11/2  Homework 10 due
  F  11/3  Homework 11 assigned, **Exam 2**

Phase III Homework, Quiz and Exam Calendar

• Week 11
  Th  11/9  Homework 11 due
  F  11/10  Homework 12 assigned

• Week 12
  Th  11/16  Homework 12 due
  F  11/17  Homework 13 assigned, **Quiz 5**

• Week 13
  M  11/20  Class today!
  Tu  11/21  Recitation today!
  W  11/22  Thanksgiving break: enjoy!

• Week 14
  Th  11/30  Homework 13 due
  F  12/1   Homework 14 assigned, **Quiz 6**

• Week 15
  W  12/6   Review for the Final
  Th  12/7   Recitation, Class, Homework 14 due
  F  12/8   Review for the Final