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Line # 11436 (Fall 2022)
Math 781:Numerical Analysis I
MW 11:00 –12:15PM   JRP 246

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Instructor: Xuemin Tu   **Office:** 524 Snow   **Phone:** (785) 864-7309
email: `xuemin@ku.edu`   **URL:** `http://www.people.ku.edu/~x939t548/Math781/Math781.html`

- **Office Hour**   MW 9:45 - 10:45AM,   or by appointment.

- **Textbook**   *Numerical Analysis: Mathematics of Scientific Computing*
           By Kincaid and Cheney, 3rd edition   Brooks/Cole, 2002

- **Prerequisite** Math 320 and knowledge of a programming language.

- **Description**   Chapters 1,2,3,6,7,8

- **Homework**   Homework will normally be posted every week on the course home-
  page and due on the following Monday.
  No late homework will be accepted. Two lowest homework grades
  will be dropped at the end of the semester.

- **Exams**   One *Midterm Exam* and one *Final Exam.*

- **Exam Schedule**

• MIDTERM EXAM:	*Monday, 10/03*
• FINAL EXAM:	*Monday, 12/12, 10:30– 1:00 p.m.*

  All exams must be taken at the required time. In case of emergency, notify
  the instructor as soon as possible.

- **Grading Policy**

Homework	–	30%
Midterm Exam	–	30%
Final Exam	–	40%

The KU office of Services for Students with Disabilities (SSD) coordinates accommodations and services for all students who are eligible. If you have a disability for which you wish to request accommodations and have not contacted SSD, please do so as soon as possible. Their office is located in 22 Strong Hall; their phone number is 785-864-2620 (V/TTY). Information about their services can be found at http://www.ku.edu/~ssdis. Please also contact the instructor privately in regard to your needs in this course.

Class Schedule (Subject to change)

Lecture	Date	Sections	Exams/Remarks
1	8/22	1.1, 1.2	
2	8/24	2.1	
3	8/29	2.1	
4	8/31	2.2	
5	9/05	2.3	
6	9/07	3.1	
7	9/12	3.2, 3.3	
8	9/14	3.4	
9	9/19	3.5, 3.5	
10	9/21	6.1	
11	09/26	6.2	
12	09/28	Review	
13	10/03		**Midterm exam, 10/03**
14	10/05	6.3	
−	10/10	−	10/10, Fall Break, no class
15	10/12	6.4	
16	10/17	6.8	
17	10/19	6.9	
18	10/24	7.1	
19	10/26	7.2	
20	10/31	7.3	
21	11/02	7.4	
22	11/07	8.1	
23	11/09	8.2	
24	11/14	8.2	
25	11/16	8.3	
26	11/21	8.4	
−	11/23	−	11/23, Thanksgiving, no class
27	11/28	8.5	
28	11/30	8.6	
29	12/05	8.7	
30	12/07	Review	