# Line \# 57732 (Spring 2018) Math 782: Numerical Analysis II TR 11:00-12:15PM Snow 564 

Instructor: Xuemin Tu Office: 524 Snow Phone: (785) 864-7309
email: xtu@math.ku.edu URL: http://www.people.ku.edu/~x939t548/Math782/Math782.html

- Office Hour TR 10:00-11:00AM, or by appointment.
- Textbook Numerical Linear Algebra

By Lloyd N. Trefethen and David Bau III, SIAM

- Prerequisite Math 781 and knowledge of a programming language.
- Description Lectures 1-31
- Homework Homework will normally be posted every week on the course homepage and due on the following Tuesday.
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: Thursday, 03/08
- Final Exam: Wednesday, 05/09, 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 | 01/16 | Lecture 1 |  |
| 2 | 01/18 | Lecture 1/2 |  |
| 3 | 01/23 | Lecture 2/3 |  |
| 4 | 01/25 | Lecture 3 |  |
| 5 | 01/30 | Lecture 4 |  |
| 6 | 02/01 | Lecture 5 |  |
| 7 | 02/06 | Lecture 6 |  |
| 8 | 02/08 | Lecture 7 |  |
| 9 | 02/13 | Lecture 8 |  |
| 10 | 02/15 | Lecture 10 |  |
| 11 | 02/20 | Lecture 10 |  |
| 12 | 02/22 | Lecture 11/12 |  |
| 13 | 02/27 | Lecture 12/13 |  |
| 14 | 03/01 | Lecture 13/14 |  |
| 15 | 03/06 | Lecture 14/15 |  |
| 16 | 03/08 | Lecture 17 | Midterm exam, 03/08 |
| 17 | 03/13 | Lecture 16/18/19 |  |
| 18 | 03/15 | Lecture 20 |  |
| - | 03/20 | - | Spring Break, no class |
| - | 03/22 | - | Spring Break, no class |
| 19 | 03/27 | Lecture 21 |  |
| 20 | 03/29 | Lecture 22/23 |  |
| 21 | 04/03 | Lecture 24 |  |
| 22 | 04/05 | Lecture 25 |  |
| 23 | 04/10 | Lecture 26 |  |
| 24 | 04/12 | Lecture 27 |  |
| 25 | 04/17 | Lecture 28 |  |
| 26 | 04/19 | Lecture 29 |  |
| 27 | 04/24 | Lecture 30 |  |
| 28 | 05/01 | Lecture 31 |  |
| 29 | 05/03 | Lecture 31 |  |

