

Fall 2021

Math 220: Applied Differential Equations

Instructor: Xuemin Tu **Office:** 524 Snow **Phone:** (785) 864-7309
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- **Office Hour** Monday/Wednesday 9:45 - 10:45AM,
Zoom: <https://kansas.zoom.us/j/93480826905>; password: 20210823 or by appointment.
- **Textbook** *Elementary Differential Equations and Boundary Value Problems*
By Boyce, DiPrima, and Meade 11th edition John Wiley & Sons, 2017
- **Prerequisite** Math 122 or Math 142 or equivalent. Not open to students with credit in Math 320
- **Description** Chapters 1,2,3,6,7
- **Grading Policy**

Homework	–	30%
In-class Exam I	–	20%
In-class Exam II	–	20%
Final Exam	–	30%

- **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.
- **Exam Schedule**

• IN-CLASS EXAM I:	<i>Monday, 9/27</i>
• IN-CLASS EXAM II:	<i>Wednesday, 11/17</i>
• FINAL EXAM:	

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	8/23	1.1, 1.3	
2	8/25	1.3, 2.1	
3	8/30	2.2	
4	9/01	2.6	
–	9/06	–	9/06, LABOR DAY, NO CLASS
5	9/08	2.3	
6	9/13	2.3	
7	9/15	2.5	
8	9/20	2.4, 2.8	
9	9/22	Review	
10	9/27	Exam I	In-class exam, 9/27
11	09/29	3.1	
12	10/04	3.2	
13	10/06	3.3	
–	10/11	–	10/11, FALL BREAK, NO CLASS
14	10/13	3.4	
15	10/18	3.5	
16	10/20	3.7, 3.8	
17	10/25	7.1, 7.2	
18	10/27	7.3	
19	11/01	7.4	
20	11/03	7.5	
21	11/08	7.6	
22	11/10	7.8	
23	11/15	Review	
24	11/17	Exam II	In-class exam, 11/17
25	11/22	6.1	
–	11/24	–	11/24, THANKSGIVING, NO CLASS
26	11/29	6.2	
27	12/01	6.3	
28	12/06	6.4	
29	12/08	Review	