

Math 2255: Differential Equations and their Applications

Spring 2017, MWF 1:50 – 2:45 pm (Knowlton Hall 190)

Instructor: King-Yeung Lam (Adrian)

Contact Information: lam.184@osu.edu / 614-292-9853

Office: (Math Tower) MW 612

Office Hours: M 3:00 - 4:00 pm ; F 9:30-11:30 am

Webpage: <https://people.math.osu.edu/lam.184/teaching/2017spring2255.htm>

Textbook: Elementary Differential Equations & Boundary Value Problems. Edition: 10th. Author: Boyce. ISBN: 9781118157381
(Equivalent to Sections 2 to 5 of Partial Differential Equations & Boundary Value Problems (OSU edition), (ISBN: 9781119218579))

Scope: Sect 2, 3, 4, 5 of either textbook.

Quizzes/Exams: There 8 in-class quizzes about every other week;
3 in-class midterm exams; and 1 final exam.

Midterm 1 on Feb 15 / Midterm 2 on Mar 24 / Midterm 3 on Apr 19

The final exam will be held on Tuesday, May 2, 4:00 – 5:45 pm. You are required to take the final exam at the appropriate time, unless you have a conflict as determined by the registrar. Please note these dates when making any travel arrangements; make-up exams will not be offered except in extraordinary circumstances, such as illness certified by a physician or an approved University function. In such cases, please contact the instructor as soon as possible.

Grading: The course grade will be determined as follows:

Quizzes 15% Midterm I 15% Midterm II 15% Midterm III 15% Final Exam 40%

Your participation in the class may also be considered in borderline cases.

Prerequisites:

C- or better in 2153, 2162.xx, 2173, 2182H, or 4182H; or credit for 254.xx, 263.xx, 263.01H, or 264H.

Calculator Policy:

A scientific calculator is optional for quizzes and exams. Calculators with graphical capabilities and calculators with programming or computer algebra capabilities, such as the TI-89 or the TI-92, will not be allowed during exams and quizzes. Laptops, PDA's, cell phones, and any other communication devices or computers of any kind will not be allowed either.

Academic Misconduct Statement:

"It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term "academic misconduct" includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-48.7). For additional information, see the Code of Student Conduct at <http://studentlife.osu.edu/csc/>."

Disability Services Statement

"Students with disabilities that have been certified by Student Life Disabilities Services (SLDS) will be appropriately accommodated and should inform the instructor as soon as possible of their needs. SLDS contact information: slds@osu.edu; 614-292-3307; 098 Baker Hall, 113 W. 12th Avenue.

Monday	Tuesday	Wednesday	Thursday	Friday
January 9 First Day of Classes Intro(1.3; 2.1)	10	11 (2.2)	12	13 (2.4)
16 MLK Day - No Classes	17	18 (2.5)	19	20 (Rec)
23 (2.6)	24	25 (2.7)	26	27 (2.8)
30 (2.9)	31	February 1 (Rec)	2	3 Last day to drop w/o a "W" (3.1)
6 (3.2)	7	8 (3.3)	9	10 (3.4)
13 (Rec)	14	15 (MT1)	16	17 (3.5)
20 (3.6)	21	22 (3.7)	23	24 (3.8)
27 (Rec)	28	March 1 (6.1)	2	3 (6.2)
6 (6.3)	7	8 (6.4)	9	10 (Rec)
13 Spring Break	14 Spring Break	15 Spring Break	16 Spring Break	17 Spring Break
20 (6.5)	21	22 (6.6)	23	24 Last day to drop without petitioning (MT2)
27 (4.1)	28	29 (4.2)	30	31 (4.3)
April 3 (4.4)	4	5 (Rec)	6	7 (5.1)
10 (5.2)	11	12 (5.3)	13	14 (5.4)
17 (Rec)	18	19 (MT3)	20	21 (5.5)
24 Last Day of Classes (5.6; 5.7)	25 Reading Day	26 Final Exams	27 Final Exams	28 Final Exams
May 1 Final Exams	2 Final Exams	3	4	5