

MATH 241A: FALL 2019
GRADUATE METHODS OF APPLIED MATHEMATICS

Lectures:

Tuesdays and Thursdays, 4-5:15pm, in Room 227, Alpine Hall

Instructor:

Michael VanValkenburgh
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Tentative Office Hours:

Mondays and Wednesdays, 12-2pm. Also by appointment.

Required Text: J. David Logan, *Applied Mathematics (4th edition)*.

Topics Covered: Chapters 1-4 of the textbook. See the class webpage for a detailed lecture schedule.

Prerequisites: Math 134 is recommended.

Grading Policy:

25% Homework
15% Hour Exam 1
15% Hour Exam 2
15% Hour Exam 3
30% Cumulative Final Exam

Drop Policy: Please see https://www.csus.edu/college/natural-sciences-mathematics/mathematics-statistics/_internal/docs/drop-policy.pdf

Homework and Reading Assignments:

You are expected to read the relevant sections of the book, as listed on the class webpage.

You may do “preliminary work” with others (for example, you may give each other hints), but you are expected to write the detailed solutions on your own.

If you get help from some source (including, but not limited to, a person or a website), you must clearly cite that source in your homework. Please do not share complete written solutions.

Exams:

- Exam 1: Tuesday, September 17
- Exam 2: Thursday, October 17
- Exam 3: Thursday, November 14
- Final Exam:
Thursday, December 12, 3-5pm

Exam Protocol:

- You will need pencils/pens and erasers, nothing more. Keep all devices capable of communication turned off and out of sight. Calculators are not permitted.
- Solutions to each exam will be posted promptly after the administration of the exam. You are encouraged to look at the solutions while the exam is still fresh in your mind.
- The final exam will be cumulative, but extra emphasis will be given to material covered after the third exam.
- Do not make arrangements to leave campus prior to the final exam.

Accommodations:

If you require accommodations, please let me know early in the semester so that your learning needs may be appropriately met.

Absences:

You are held responsible for all work missed during absences. Late homework and make-up exams will only be allowed under rare circumstances, and, moreover, only with my explicit written consent.

Basic Needs Support:

If you are experiencing challenges in the area of food and/or stable housing, help is just a click, email or phone call away! Sacramento State offers basic needs support for students who are experiencing challenges in these areas. Please visit our Basic Needs website to learn more about your options and resources available. <https://www.csus.edu/basicneeds/>