

MATH 307 Sec. A MWF 9:30 AM - 10:20, Room: DEM 004

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**Instructor:** William (Riley) Casper, Padelford C-111, [wcasper@math.washington.edu](mailto:wcasper@math.washington.edu)

**Office Hours:** TBA and by appointment.

**Course Webpage:** <http://www.math.washington.edu/~wcasper/math307.html>

**Course Outline:**

Tentative Course Outline			
Week	Monday	Wednesday	Friday
03/31	Ch 1 and 2.2	2.1	2.3
04/07	2.3	2.4	2.5
04/14	2.7	2.6	3.1
04/21	Review	Exam 1	3.3
04/28	3.4-3.5	3.4-3.5	3.4-3.5
05/05	3.7-3.8	3.7-3.8	3.7-3.8
05/12	3.7-3.8	3.7-3.8	6.1-6.4
05/19	Review	Exam 2	6.1-6.4
05/26	Memorial Day	6.1-6.4	6.1-6.4
06/02	6.1-6.4	6.1-6.4	Review
06/09		Final Exam 2:30-4:20 p.m.	

**Textbook:** *Elementary Differential Equations and Boundary Value Problems* by William E. Boyce, a custom version text for the University of Washington. It contains part of the hardbound text with the same title by William E. Boyce and Richard C. DiPrima. An older version of the text should also be ok, as long as one is careful to cross-reference differences between sections and problem numbers.

**Prerequisites:**\*MATH 125, MATH 125

**Grade Evaluation:** Your grade will be based on homework, weekly quizzes, the two midterms, and the final exam.

- Quizzes: 10%
- Homework: 10%
- Midterms: 20% each
- Final Exam: 40%

**Homework:** Students should expect weekly homework assignments. Late homework will not be accepted. However, your lowest homework score will be dropped. Therefore if you miss a homework assignment, then it will act as your lowest homework score. Illegible homework and unexplained solutions will be worth little or no points. Students working in groups on the homework are expected to turn in their own copy of their solutions, written in their own words. Simply copying solutions from the manual or from others will result in *negative* points for that solution

**Quizzes:** There will be weekly quizzes, potentially on Monday, Wednesday, or Friday, and typically without advance warning. Additionally, some weekly quizzes may be offered via catalyst, but students will be made aware of these in advance. Missed quizzes cannot be made up. The lowest quiz score of each student will be dropped.

**Exams:** No calculators will be allowed, unless explicitly stated otherwise. Furthermore, no note sheets, cheat sheets, or use of external information sources will be permitted during the exams – aside from those that your instructor provides explicitly for that purpose.

**Extra Help:** Do not hesitate to come to my office during office hours or by appointment to discuss a homework problem or any aspect of the course. You also may want to consider getting help from the free tutors in the Math Study Center (MSC). Additionally, if you want to hire an outsider tutor (for a fee), you can find a list of such people through the UW math department.

**Students with Disabilities:** To request academic accommodations due to a disability, please contact Disabled Student Services: 448 Schmitz, 206-543-8924 (V/TTY). If you have a letter from DSS indicating that you have a disability which requires academic accommodations, please present the letter to me so we can discuss the accommodations you might need in the class. Academic accommodations due to disability will not be made unless the student has a letter from DSS specifying the type and nature of accommodations needed

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\*MATH 126 also recommend.