

**Instructor:** William (Riley) Casper, ART 324, [wcasper@math.washington.edu](mailto:wcasper@math.washington.edu)

**Office Hours:** TBA.

**Course Webpage:** <http://www.math.washington.edu/~wcasper/math324.win17.html>

**Textbook:** *Multivariable Calculus - Custom Edition (Early Transcendentals)*, 7th Edition by James Stewart.

**Prerequisites:** Math 126

**Classroom Expectations:** Students in this class have the following expectations:

1. attend class daily, participate and ask questions
2. preform required reading
3. complete weekly homework assignments
4. take one midterm and one final exam
5. take weekly quizzes

**Midterm and Final Dates:**

1. Midterm = Feb 3rd in class
2. Final = Mar 13th, 2:30-4:20 pm, CMU 230

**Class Website:** The class website contains a fairly precise schedule of what we will do each day. Students are expected to arrive at the lecture having read through the section that we will be covering that day, in order to more easily understand the lecture and contribute to classroom discussion. Most of the time, quizzes and their solutions will be available on the course website. Homework will be done through Webassign.

**About Quizzes:** Quizzes, like brussel sprouts, are a necessary evil designed to make us all strong and healthy. The quizzes will typically cover material from one or two lectures before, but often before the same material has appeared in the homework. The point of this is to give me a gauge of what is in your brains while I am telling you new things, and to *inspire* you to have an active knowledge of the material in the class. This avoids the otherwise too-strong temptation to avoid learning anything new until the homework is due. The quizzes themselves will occur roughly once a week. The intention of this is to motivate ourselves to constantly have a good idea of what is going on in the class now, and to attend class and share in the discussion.

**How to Succeed:** This class will introduce you to powerful tools to tackle problems in mathematics, physics, engineering, and other scientific disciplines in your future career. The wide applicability of these methods to problems in these diverse disciplines makes it well worth your time to gain a sense of mastery of the material at hand. The best way to achieve this is by working a great many problems – significantly more problems than will be assigned in the homework. The book is full of wonderful problems, and the internet and your instructor can provide you with even more.

**Grade Evaluation:** Your grade will be based on homework, the midterm, quiz scores, and the final exam.

- Homework: 15%
- Quizzes: 20%
- Midterm: 25%
- Final Exam: 40%

**Homework:** Students should expect weekly homework assignments. Late homework will not be accepted. Late homework will not be accepted. Late homework will not be accepted. (You've now been told three times).

**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), though they do not specifically tutor for this class. Additionally, if you want to hire an outsider tutor (which costs money), 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