1 Course Information

The topics covered in Math 244 are multiple, line and surface integrals. Green’s, Stokes’ and Gauss’ Theorems (which use the various integrals mentioned) will also be covered. In order to take the course you must satisfy one of the following:

- you must have passed Math 243 with a C or better,
- or have permission from the instructor.


The lectures will be held in 303 Keller Hall, Tuesday and Thursday 12:00-1:15pm.

2 Instructor

Instructor: Dr. Achilles Beros

Email address: beros@math.hawaii.edu

Office: 306 Keller Hall

Office Hours: Tuesday and Thursday 3:00pm-4:30pm.

3 Grading

Each student’s course grade will be assigned one of two ways, whichever gives the higher score.

Method 1:

- Quizzes (25%)
- Midterm 1 (25%)
- Midterm 2 (25%)
- Final Exam (25%)

Method 2:

- Quizzes (25%)
- Maximum of midterm scores (25%)
- Final Exam (50%)

The following grades are guaranteed, although the cutoffs for the grades may go down:
85% guarantees an A- or better
75% guarantees an B- or better
60% guarantees an C- or better
50% guarantees an D or better

Quizzes will be administered at the end of lecture every Thursday. The two lowest quiz scores will be dropped in order to allow for minor sickness (ones for which a doctor’s note is not obtained) or necessary absences. There will be no makeup quizzes.

The quizzes will, in part, be graded on the clarity of your work. Make sure that you organize your thoughts and explain your work.

4 Exams

The exam dates and times are fixed. No makeup exams or alternate times will be possible. Genuine, documented medical/family emergencies will be considered on a case by case basis.

- Midterm 1 – September 25, 2018, in class
- Midterm 2 – October 25, 2018, in class
- Final Exam – December 13, 2018, 12:00-2:00pm

5 Policies

- The use of computational or network-connected devices (e.g., calculators, smartphones, tablets, laptops etc.) is strictly forbidden during in-class exams and quizzes.
- The midterms and quizzes are all closed book and closed notes. Whether a formula sheet will be allowed for the final exam will be announced later in the semester.
- The homework posted on my website is recommended, but should not be turned in for grading. The quiz problems will closely resemble the recommended homework problems.
- Answers without explanation or work justifying the answer will receive no credit.

6 Curriculum Schedule

The following is the intended weekly schedule for the curriculum. The dates are likely to change somewhat.

1. 8/21-8/23: Review of Math 243
2. 8/28-8/30: §14.1, 14.2 (8/28 deadline for 100% tuition refund)
3. 9/4-9/6: §14.2, 14.3
4. 9/11-9/13: §14.4, 14.5 (9/11 deadline to drop without a W)
5. 9/18-9/20: §14.5, review
6. 9/25-9/27: Midterm 1 (9/25), §14.6
7. 10/2-10/4: §14.7
8. 10/9-10/11: §14.8, 15.1
9. 10/16-10/18: §15.2, 15.3
11. 10/30-11/1: §15.4 (10/29 drop deadline)
12. 11/8: §15.5 (11/6 holiday)
13. 11/13-11/15: §15.6
14. 11/20: §15.7 (11/22 holiday)
15. 11/27-11/29: §15.7, 15.8
16. 12/4-12/6: §15.8, review
17. 12/13: Final exam

7 Course Website

The recommended homework problems and exam study guides will be posted on the course website [http://math.hawaii.edu/~beros](http://math.hawaii.edu/~beros)