

## Summary of Important Course Information and Policies

**Course:** MA 544–OR (40143)

**Instructor:** Prof. M. Nkashama

**Class meetings:** MWF, 1:00 PM - 2:20 PM, **location:** UH 4002

### Office/Hours:

Room 4033, University Hall/ My office hours this term will be by appointment. (Pease email!)

**Phone/Email:** 934-2154 (Mathematics Department) / nkashama@uab.edu

### Text:

*Introduction to Vector Analysis*, Seventh Edition, by Harry F. Davis and A. David Snider, Hawkes Learning, 2016.

### Learning Outcomes:

- (Review of) Multiple Integrals and Applications
- Computation in Cylindrical and Spherical Coordinates
- Scalar and Vector Fields
- Line, Surface, and Volume Integrals
- Divergence Theorem
- Green, Gauss, and Stokes Theorems
- Applications to Physical Sciences

**Grading:** The course grade will comprise the following:

1 midterm test (20%)

homework/presentations (50%)

final examination (30%)

Those taking the course at the 544-level may have additional problems on assignments and exams.

**Make-up(s):** *None.*

If you miss the final, you will receive the grade “**F**”. If you miss the midterm test for serious and verifiable circumstances, your score on the final will be used (proportionally) in its place.

### homework/Presentations:

Homework/presentations will be assigned regularly. Since the homework and presentations’ grade constitutes 50% of your course grade, it is strongly recommended that you attend classes on a regular basis and complete all homework assignments when due. (No late homework will be accepted, for any reason!)

### Drops/Withdrawals:

Last day to drop/add the course (without paying full tuition and fees): June 10, 2024

Juneteenth Holiday: June 19, 2024

Independence Day Holiday: July 04, 2024

Last day to withdraw from the course with “**W**”: July 12, 2024

Last day to withdraw from the term (*must withdraw from all courses*):  
August 02, 2024

Last day of class: August 02, 2024

**Final Examination:**

Monday, August 05, 2024, 1:30 PM - 4:00 PM

Note that the final examination will be a **comprehensive exam**.

**Important Notice:**

If you wish to request a disability accommodation, please contact DSS at  
934-4205 or [dss@uab.edu](mailto:dss@uab.edu).