

COURSE TITLE Physics 3323 Electricity and Magnetism I (Fall 2025)
INSTRUCTOR Prof. Jiangfeng Zhou

MEETING TIMES/ LOCATION
Lecture TR 2:00pm-3:15 pm (ISA 2051)

OFFICE HOURS MW 10:00 am- 10:50 am ([MS Teams Link](#))
Email: jiangfengz@usf.edu
TA office hours: TBD

OVERALL COURSE OBJECTIVE

- Introduce the fundamental principles and concepts of Electricity and Magnetism.
- Develop problem-solving skills using these principles.

REQUIRED TEXTBOOK *Introduction to Electrodynamics by David J. Griffiths (5th Edition)*

IMPORTANT DATES

• Friday	08/29	End of Drop/add
• Monday	09/1	USF Holiday (Labor Day)
• Saturday	11/1	Last day to withdraw w/ "W"
• Monday	11/11	USF Holiday (Veterans's Day)
• Thursday & Friday	11/27 & 28	Thanksgiving Holiday
• Friday	12/5	Last day of classes
• Saturday-Thursday	12/6 –12/11	Final exam week

LECTURES Lectures will generally consist of an interactive discussion of basic principles/concepts, relevant demonstrations and simulations, related problem solving, and a Q & A session.

HOMEWORK GUIDELINES

- Homework is part of a learning process that cannot be completed in a single day. Start the homework early to improve your chances of getting a good score.
- There will be weekly homework assignments; the **two lowest scores** will be dropped from the grade calculation.
- All homework assignments will be posted online Canvas system; due dates are written on the assignment sheet.
- No late home will be accepted unless circumstances are exceptional.
- You are encouraged to work in groups on homework problems; however, you must write your own answers. Copying others' work is prohibited.

EXAMS

<u>Exam</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
Midterm 1	Thursday, 09/25	in class	ISA 2051
Midterm 2	Thursday, 10/30	in class	ISA 2051
Final Exam	Tuesday, 12/9	12:30-2:30 pm	ISA 2051

GRADING

The course grade will be based on your performance on homework, the midterms, and the final exams. They will be weighted as follows:

Homework	20% (drop two lowest scores)
Midterm 1	25%
Midterm 2	25%
Final Exam	30%
TOTAL	100%

FINAL GRADE

Your course score will be converted to a letter grade using the scale listed below:

A+	>97
A	93 - 96
A-	90 - 92
B+	87 - 89
B	83 - 86
B-	80 - 82
C+	77 - 79
C	73 - 76
C-	70 - 72
D+	67 - 69
D	63 - 66
D-	60 - 62
F	0 - 59

ESTIMATED COURSE SCHEDULE

Week Beginning on	Topic
Week 1	Chapter 1 Vector Analysis
Week 2	
Week 3	Chapter 2 Electrostatics
Week 4	
Week 5	
	Midterm 1 on Chapter 1-2
Week 6	Chapter 3 Special Techniques
Week 7	
Week 8	Chapter 4 Electric Fields in Matter
Week 9	
	Midterm 2 on Chapter 3-4
Week 10	Chapter 5 Magnetostatics
Week 11	
Week 12	Chapter 6 Magnetic Fields in Matter
Week 13	
Week 14	Chapter 7 Electrodynamics
Week 15	
	FINAL Exam on Chapter 1-7.

ACADEMIC HONESTY Knowledge and maintenance of the academic standards of honesty and integrity as set forth by the University are the responsibility of the entire academic community, including the instructional faculty, staff, and students.

ATTENDANCE Regular attendance at lectures is strongly encouraged.

Students who anticipate the necessity of being absent from class due to the observation of a major religious observance should provide notice of the date(s) to the instructor, in writing, by the second-class meeting.

POLICIES AND PROCEDURES For official and detailed information on holidays, semester deadlines, academic policies, procedures, fees, financial information, and registration instructions, see the Time Schedule Narrative and the Undergraduate Catalog.

ACCOMMODATIONS

Students in need of academic accommodations for a disability may consult with the office of Services for Students with Disabilities to arrange appropriate accommodations. Students are required to give reasonable notice (typically 5 working days) prior to requesting an accommodation.

NOTE In the event of an emergency, it may be necessary for USF to suspend normal operations. During this time, USF may opt to continue delivery of instruction through methods that include but are not limited to: Blackboard, Elluminate, Skype, and email messaging and/or an alternate schedule. It's the responsibility of the student to monitor Blackboard site for each class for course specific communication, and the main USF, College, and department websites, emails, and MoBull messages for important general information.