PHYS 4342: ELECTROMAGNETICS II

Spring 2021

Instructor: Hari Nair
Email: hnair@utep.edu
CRN: 22080

Class: 12:00 – 1:20 pm, TR (Jan 19 – May 06)
Place: College of Business Admin 304
Credits: 3

Note: The lectures for this course will be delivered virtually through Blackboard.

Office Hours: Virtual, by appointment via Teams.

Textbooks
1. Introduction to Electrodynamics, David J. Griffiths
2. Classical Electrodynamics, Walter Greiner

Objectives: PHYS 4342 is the second part of a sequence of advanced undergraduate physics courses at the junior or senior level for advanced concepts in electromagnetism. The course objective is to discuss the following topics:

Prerequisites: Electromagnetics I.

Grading Policy: This is a 3-credits course with letter grading based on the total score from a midterm exam (40%), a final exam (40%), and homework assignments/quizzes (20%). The final exam will cover all the chapters discussed in the class. An 80% total score will fetch you a letter grade A, a score in the range 80-70% will lead to B and, 70-60% C.

Disability and military statements: If you have a disability please contact Center for Accommodations and Support Services (CASS) ph: 747-5148, email: cass@utep.edu. Office: Union East Building, Room 106. Without CASS documentation, no accommodations can be made. Please take care of this before the first exam. If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact the instructor at the beginning of the semester.

Academic Honesty: Lack of knowledge of the UTEP academic honesty policy is not a reasonable explanation for a violation. Details might be here: https://www.utep.edu/student-affairs/