GENERAL PHYSICS II
Electricity and magnetism, PHYS 1404 (CRN 12559), FALL 2022

12:00 noon-1:20 pm, MW Geology Building 123, Aug 22-Dec 1

Instructor: Dr. Hari Nair, Department of Physics
Email: hnair@utep.edu, Office: PSCI 223 C, Phone: 747-7544, Office hours: through appointment
TA:

Course content
Algebra-based electricity and magnetism.
• Electric forces and fields • Electrical potential • Current and resistance • Circuits • Magnetic fields and forces • Electromagnetic induction • AC electricity • Ray optics
Chapters 20 – 26, 18

Textbook and online course management
College Physics, a strategic approach (4e), Knight, Jones and Field
IMPORTANT: Register at Mastering Physics | Pearson
(lecture slides, homework, exams are managed though the Pearson online tool)
Course ID for registering at Mastering Physics: nair96072

Final exam schedule: https://www.utep.edu/student-affairs/registrar/Scheduling/Final%20Exam%20Schedule_Fall2022.pdf

Grading policy: 3 exams in Sep, Oct, Nov (30%) + final exam in Dec (30%) + homework after each chapter (10%) + lab (15%) + quizzes/class performances (15%)
Grades: >85% = A, 85-70% = B, 70-60% = C, 60-45% = D, < 45% = F
Lab is not my responsibility. There is another instructor who will take care of that.

Disability/Military statement
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 semester, you are encouraged to contact the instructor at the beginning of the semester.

Academic Integrity policy
https://www.utep.edu/student-affairs/osccr/student-conduct/academic-integrity.html