

GENERAL PHYSICS II

Electricity and magnetism, PHYS 1404 (CRN 19409), FALL 2021

Online

Class 3:00 pm - 4:20 pm MW Aug 23, 2021 - Dec 02, 2021 Online Lecture (LECT)

Instructor: Dr. Hari Nair

Email: hnair@utep.edu, **Office:** PSCI 223 C, **Phone:** 747-7544, **Office hours:** through appointment

TA: TBD

Course content

Algebra-based electricity and magnetism topics.

• Electric forces and fields • Electrical potential • Current and resistance • Circuits • Magnetic fields and forces • Electromagnetic induction • AC electricity • Ray optics

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 through this Pearson online tool)

Course ID for registering at Pearson Mastering Physics: **nair00218**

This course is purely online. Lectures will be through Blackboard.

Grading policy: 2 mid-term exams 40% (20% each); final exam 30%; lab 15%; homework 15%

Grades: >85% = A, 85-70% = B, 70-60% = C, 60-45% = D, < 45% = F

Final exam schedule: [Microsoft Word - Final Examination Schedule.docx \(utep.edu\)](#)

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>

COVID-19 PRECAUTION STATEMENT

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible, so that we can work on appropriate accommodations. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu, so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID-19 testing. The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit epstrong.org.