

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF PHYSICS

Course #:	PSCI 3304 CRN 11875
Course title:	Physical Science II
Credit hours:	3.0
Term:	Fall 2021
Course meetings & location:	T 8:00 am - 11:30 am, Physical Science Building 220
Instructor:	Dr. Ahmed El-Gendy
Office:	PSCI 221 D
Contact info	Phone # : (915) 747 6382
	E-mail address: aelgendy@utep.edu
	Fax #: (915) 747 5447
	Emergency Contact: aelgendy@utep.edu
Office hours	Tue, Thu 3:30 – 4:30 p.m
Textbook	<i>Conceptual Physics</i> 12 th by Paul G. Hewitt, Addison-Wesley. <i>Electricity Lab book</i> . This is a spiral bound lab book for sale in the library. <i>Light and color</i> : This is a spiral bound lab book for sale in the library.
Grading policy	2 mid-term exams: 30% (15% each) 1 final exam: 30% Lab reports (completed in class): 15% Homework: 15% In class attendance: 10%

Course Activities/Assignments	Homework It is essential that students become well versed in problem solving methods, which means developing the writing skills to set up a problem, including diagrams and mathematical manipulation to achieve the final answer. A numerical score will be assigned for each homework set based on graded and counted problems.
Course Activities/Assignments	Feel free to form study groups with your classmates and seek help from your lecture instructor during his office hours as you attempt to solve the problems. Make sure that you understand the solutions and write them up yourself. <u>The textbook is bundled together with the online registration package for pearsonmasteringphysics.com.</u> <u>Course ID: elgendy50484</u> <u>REGISTER FOR ONLINE HOMEWORK AND EXAMS.</u> <u>EACH STUDENT WILL NEED HIS OWN REGISTRATION PACKAGE FOR THE HOMEWORK.</u> The online homework will be announced in advance in the lecture (approximately every week). Each will consist of few problems based on the course material. Exams Exams will consist of problems very similar to the worked example problems in the text and the assigned homework problems. Exams will be strictly closed-book. You should bring with you a pocket calculator to work out the answers to numerical problems. No cell phones allowed in the exams!
Make-up Policy	An extension of the due date for the homework as well as the make-up of missing exams will be granted only in extraordinary circumstances.
Attendance Policy	Attendance is mandatory.
Academic Integrity Policy	Please see: http://sa.utep.edu/osccr/academic-integrity/

Civility Statement	<ul style="list-style-type: none"> • Cell phones and pagers should be turned off during class time. • When absences occur, it is your responsibility to obtain handouts and notes from your peers. When possible you will complete the activities you have missed. • Academic integrity is to be practiced at all times.
Disability Statement	<p>If you have a disability and need classroom accommodations, please contact the Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East Building, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.</p> <p>The student is responsible for presenting to the instructor any accommodation letters and instructions.</p>
Military Statement	<p>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.</p>
COVID-19 Precautions	<p>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.</p> <p>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</p>

Course Schedule	Chapter 22: Electrostatics Chapter 23: Electric Current Chapter 24: Magnetism Chapter 19: Vibrations and Waves Chapter 32: The atom and the quantum Chapter 33: The atomic nucleus and radioactivity Chapter 26: Properties of light Chapter 27: Color Chapter 28: Reflection and refraction
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