

PSCI 2303 Physical Science I (CRN 10428)

Term: Fall 2023

Lecture/lab: TR 8:30 am – 10:20 am in PSCI 224

Instructor: Jorge Muñoz

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Office hours: MW 1:30 pm – 2:00 pm or by appointment (<https://jamunoz.youcanbook.me>)

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Required textbook: *Concepts of Physics* (https://cnx.org/contents/y7nCAH4I@5.1:hEJRJGk_@4/Preface)

Required lab manuals: *Physical Science I bundle*. (Will be provided)

Grading Policy:

Lab reports (1 per week on Thursdays, 14 total, 4 points each)	56 points
Discussion (1 per week on Tuesdays, 15 total, 2 points each)	30 points
Quizzes (1 per week on Tuesdays, 15 total, 2 points each)	30 points
Essays (1 per month on last day of the month, 3 total, 10 points each)	30 points
Final presentation (1 during slot allocated for Final)	14 points
Total	160 points

A: 140 - 160 B: 120 - 139 C: 100 - 119 D: 80 - 99 F: 0 - 80

Lab reports:

On Thursdays, you will perform a lab experiment from the bundle. A report, along with a short write-up on how understanding the main physical science concepts in the lab helps your teaching, will be graded. You will turn it in.

Discussion:

Resources, typically video or articles, will be shared ahead of time and will be discussed by the whole class on Tuesdays. Come prepared to share your ideas. The TA will evaluate the quality of your participation.

Quizzes:

The instructor will assign weekly homework on Tuesdays, quizzes on Bb during lecture time will be used to evaluate learning the following Tuesday.

Essays:

Pick one of the discussion topics during the previous month and elaborate. Summarize the resources and the discussion, write about your opinion, whether you had one before the discussion or whether it changed what you thought, how having opinion will affect your teaching (if at all), and how being aware of the arguments and minutiae makes your opinion stronger or weaker. Highly encouraged to share specific effects on your current or future teaching. 3 to 5 pages, double spaced, uploaded to Bb.

Final presentation:

Using tools and materials from the lab, design a new experiment. Should be about 30 minutes, groups of 4-5 people.

Make-ups:

There will be an opportunity to complete unfinished labs or unattempted labs, quizzes, and discussions during finals week.

Students with Disabilities

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, Room 106. For additional information, please visit the CASS website at <https://www.utep.edu/student-affairs/cass/>.