

PY521 INFORMATION **Spring 2026**

Instructor: Pankaj Mehta (323 SCI, pankajm@bu.edu)

Office Hours: Wednesday 11:00-12:00, but feel free to drop by anytime.

TA: None

Course Website:

All lecture notes and homeworks will be placed on the course website:

<http://physics.bu.edu/~pankajm/PY521.html>

Recommended Texts:

The course will be based on a new unpublished manuscript by Philip Nelson “Electromagnetic Phenomenon”. It is available for free. Phil would really appreciate input, feedback, and reporting of typos at <http://nelsonemp.pbworks.com>. See first page of book.

Required Texts

1. Phil Nelson. “Electromagnetic Phenomena”

Useful Texts (in no particular order)

1. Classical Electrodynamics (J.D. Jackson)
2. Zangwill Modern electrodynamics

Course organization:

Assignments will be handed out (almost) weekly. You can collaborate with other students in solving the problem sets. However, the write-up that you hand in should represent your own personal efforts. Please be aware that late homework will not be accepted. Homework will count for approximately 50 % of the grade. In addition, 25% of the grade will be midterm, and 25% a final exam.