Welcome To
Physics 8.02T
Administrative Details

Course Administrators:
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Undergraduate Physics Office 4-315
8.02 Websites

8.02 Course Website (requires certificates): Syllabus with reading assignments, Course Notes, PrepSets, problem sets, grade and exam policy, exam information and practice exam problems, solutions for problem sets, concept questions, in-class problems (after due date) etc. can be found online at

https://lms.mitx.mit.edu/

Stellar Site for Course Gradebook and Section Membership: No course materials are on Stellar.


Piazza Signup link:

https://piazza.com/mit/spring2018/802

Piazza Class link:

https://piazza.com/mit/spring2018/802/home
8.02 Sections

L01 MW9-11, F9 in 26-152 Peter Dourmashkin
L02 MW11-1, F11 in 26-152 Ian Crossfield
L03 MW1-3, F1 in 26-152 Rob Simcoe
L04 MW3-5, F3 in 32-082 Joe Checkelsky
L05 TR9-11, F10 in 26-152 Max Tegmark
L06 TR11-1, F12 in 32-082 Kirsten Perez
L07 TR1-3 in 26-152, F12 in 26-152 Michelle Tomasik
L08 TR3-5 in 26-152, F3 in 26-152 Robert Redwine

You can switch sections on the Stellar 8.02 website but some sections are already full. If you want to be put on a waiting list for a section email padour@mit.edu.
8.02 Course Notes Revised

Dourmashkin, Belcher, and Liao, *Introduction to Electricity and Magnetism, MIT 8.02 Course Notes, Revised*

Available online at the 8.02 MITx webpage (require certificates):

Downloadable links at the 8.02 MITx webpage (require certificates):

Hard copy available at MIT Tech Coop
Online Assignment: Prep Set

Each week there will be an online assignment (PrepSet). The first PrepSet is due Monday Feb 12 at 8:30 am.

The following PrepSets will usually be due Friday morning at 8:30 am.

The assignment will consist of reading questions for the first two classes of that week, lightboard videos, and several analytic problems that should prepare you for the Friday Problem Solving and the Problem Set due the following Tuesday.
Problem Sets Generally due Tues. at 9 pm

Hand in your written answers in your section slot in the boxes outside the door of 26-152. Make sure you clearly write your name, section, and table number on your problem set.

We will be using Mathematica this semester for the first time. There will usually be one Mathematica problem on each problem set that will be graded online. Please see the separate Mathematica getting started information.
Mathematica

Each week, one of your homework problems will be a computational problem using Mathematica. You will need no prior experience with Mathematica. (During the Sunday tutoring from 1-5 pm in 26-152, there will be Mathematica tutoring available.)

Before classes begin on Feb 6th, download, install, and obtain a software license for Mathematica on your own computer by following the instructions on the IS&T website http://ist.mit.edu/mathematica/desktop

If you experience any installation or licensing difficulties, then please email the IS&T service desk at servicedesk@mit.edu and cckkeane@mit.edu with a description of the difficulty.
In-Class Concept Questions

Each class will begin and end with a clicker concept question that will count separately towards your final grade. We will use the MITx website to administer concept questions.

The first graded concept question will be given during the Week 2 Mon/Tues class.
Quiz and Exam Dates

Quiz 1: Friday Feb 23 in-class

Exam One: Thursday March 8 from 7:30 pm to 9:30 pm

Exam Two: Thursday April 19 from 7:30 pm to 9:30 pm

Final Exam TBA
(most likely on Monday May 21 from 9 am to 12 noon)

No class the day after exams.
Regrading Policy

Exam Regrading Policy:

You may submit an exam for regrading no later than the following class after the exam has been returned. Write on the cover sheet or an attached stapled sheet, which problem(s) you would like regraded and briefly explain why. **You are not allowed to add to or change any answer on exams submitted for regrading.** A random selection of exams are photocopied.

Homework Regrade Policy:

You may submit any homework for regrading up to one week after the grades for that assignment have been posted.
Honesty Issues

Online Prep Sets and Problem Sets:
These are to help you learn. You may work together but submit your own, un-copied work.

In Class Assignments:
You must sign your own name to submitted work. Never sign another student’s name (this is a serious academic offense).

Concept Questions:
Never answer a question for another student.

Exam Regrading:
You are not allowed to add to or change any answer on exams submitted for regrading.
What Goes Into Your Course Grade:

• 1 Quiz + 2 Exams + Final Exam = 4% + 36% + 30% = 70%

• Daily In-class Concept Questions: 5% (Individual Work)

• Online Prepset Questions 7% (Individual Work)

• Problem Sets 8% (Individual Work),

• Mathematica Lessons 2% (Individual Work)

• Experiments 3% (Group Work)

• Friday Problem Solving 5% (Group Work)
How Can I Find Out How I Am Doing?

We keep all the grades in all the categories in the Grade Book of the Stellar Site for 8.02:


You can compute your standing in the course at any point in the term by looking at your recorded grades on Stellar and using the percentages and break points given on the previous slide.

You should check the Stellar grade book site weekly! You must tell alert us to any error within one week of our posting the grade to Stellar. After that period the grade becomes permanent!
Assignments and Due Dates

Complete Reading Assignment for Week One.

Complete Online Prepset 1 and submit answers online before due date Week 2 Monday at 8:30 am.

Problem Set 1 due Week 2 Tuesday at 9 pm. Put your problem set solutions in your section box outside room 26-152.

Please write your name, section and table number on your problem set or you may not get credit.