

Physics 11C, Elementary Physics (4 credits)

UVM Physics Department - Fall 2022

Class schedule:

Lecture: MWF 10:50-11:40 AND T 11:40-12:55 in Innovation E330

Three evening exams: W 6:40 Marsh Life Science 235: Sept. 28, Oct. 19, Nov. 9

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This course will meet for three 50-minute classes per week on Mondays, Wednesdays, Fridays and one 75-minute meeting on Tuesdays. This course is run as a student and group-centered active learning format where students will be expected to prepare for each class period by reading assigned sections from the textbook and other pre-class activities. During class, students will work individually and in groups doing a variety of activities including practice problems, tutorials, and other hands-on exercises with guidance and assistance from the instructor and teaching assistants.

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Required Course Materials:

During the daily sessions, we'll cover material in discussion, group problem-solving, conceptual analysis, and lecture. A portion of your final grade is contingent on your participation in these sessions. You should read the pertinent sections of the textbook before coming to class, to be well prepared to participate in the discussions and problem solving. We will work together to develop a learning community that is inclusive and respectful; and that encourages and appreciates expressions of different ideas, opinions, and beliefs in the spirit of Our Common Ground. Meaningful and constructive dialogue is encouraged in this class. This requires mutual respect, willingness to listen, and open-mindedness to opposing points of view. Respect for

Attendance and illness:

If a student will not be able to attend in-person classes for qualifying health reasons, Student Health Services (SHS) will send a notification to the appropriate student services office or designated staff member informing them of this along with the dates the student is unable to attend. The SHS notification will specify whether the request for flexibility is only around in-person class attendance or includes additional flexibility for assignments and tests because the student is too ill to participate. Students are responsible for working with their faculty to make up class content and work they miss due to a documented illness.

Lived Name and Pronoun Information

The UVM Directory includes fields for indicating your lived name and your pronouns. Lived names (preferred names, names in use) are names that an individual wants to be known by in the University community. Entering your pronouns is strongly encouraged to help create a more inclusive and respectful campus community. To update your information, login to the UVM Directory. A preview box will allow you to see how this information will appear in other systems used on campus such as Microsoft Teams and Blackboard.

More information about how to make changes to your lived name and pronouns is available in the [Knowno.02 0.3Bdfi](#)

Course Evaluation:

All students are expected to complete a **mid-term** evaluation and final evaluation of each course they are enrolled in. Indicate that the evaluations will be anonymous and confidential, and that the information gained, including constructive criticisms, will be used to improve the course.

[Click here for instructions on how to access Blue course evaluations.](#)

Student Learning Accommodations:

In keeping with University policy, any student with a documented disability interested in utilizing ADA accommodations should contact Student Accessibility Services (SAS), the office of Disability Services on campus for students. SAS works with students and faculty in an interactive process to explore reasonable and appropriate accommodations, which are communicated to faculty in an accommodation letter. All students are strongly recommended to discuss with their faculty the accommodations they plan to use in each course. Faculty who receive Letters of Accommodation with Disability Related Flexible accommodations will need to fill out

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The University [final exam policy](#) outlines expectations during final exams and explains timing and process of examination period.

Grade Appeals:

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Statement on Alcohol and Cannabis in the Academic Environment

As a faculty member, I want you to get the most you can out of this course. You play a crucial role in your education and in your readiness to learn and fully engage with the course material. It is important to note that alcohol and cannabis have no place in an academic environment. They can seriously impair your ability to learn and retain information not only in the moment you may be using, but up to 48 hours or more afterwards. In addition, alcohol and cannabis can:

Cause issues with attention, memory and concentration

Negatively impact the quality of how information is processed and ultimately stored

Affect sleep patterns, which interferes with long-term memory formation

Course Assignments, Tests, and Due Dates

This is the initial schedule of course assignments and due dates. They may need to change, in which case the information will be posted on the course webpage.

Please see Mastering Physics for the specific problems on each homework and practice.

Assignment	Type	Date
Introduction to MasteringPhysics (Practice)	Practice	
Physics Primer (Practice)	Practice	
Pre-lecture Chapter 01	Prelectures	08/29/22 at 11:59pm
Optional Video Lectures (e)-0.6 (r)-1.7 (e)5reW nf		

Pre-lecture Chapter 07	Prelectures	09/29/22 at 11:59pm
Optional Video Lecture - Chapter 07	Practice	
Practice - Chapter 06	Practice	
Homework Quiz Chapter 06	Homework	10/02/22 at 11:59pm
Pre-lecture Chapter 08	Prelectures	10/03/22 at 11:59pm
Optional Video Lecture - Chapter 08	Practice	
Practice - Chapter 07	Practice	
Practice - Chapter 08	Practice	
Homework Quiz Chapter 07 and Chapter 08	Homework	10/09/22 at 11:59pm
Pre-lecture Chapter 09	Prelectures	10/09/22 at 11:59pm
Optional Video Lecture - Chapter 09	Practice	
Practice - Chapter 09	Practice	
Homework Quiz Chapter 09	Homework	10/16/22 at 11:59pm
Pre-lecture Chapter 10	Prelectures	10/16/22 at 11:59pm
Optional Video Lecture - Chapter 10	Practice	
Midterm: Chapters 6-9	Test	10/19/22 6:40 pm, ML SCI 235
Pre-lecture Chapter 11	Prelectures	10/23/22 at 11:59pm
Optional Video Lecture - Chapter 11	Practice	
Practice - Chapter 10	Practice	
Practice - Chapter 11	Practice	
Homework Quiz Chapter 10 and Chapter 11	Homework	10/30/22 at 11:59pm
Pre-lecture Chapter 12	Prelectures	10/30/22 at 11:59pm
Optional Video Lecture - Chapter 12	Practice	
Practice - Chapter 12	Practice	
Homework Quiz Chapter 12	Homework	11/06/22 at 11:59pm
Pre-lecture Chapter 13	Prelectures	11/06/22 at 11:59pm
Optional Video Lecture - Chapter 13	Practice	
Midterm: Chapters 10-12	Test	11/9/22 6:40 pm, ML SCI 235
Pre-lecture Chapter 14	Prelectures	11/13/22 at 11:59pm
Optional Video Lecture - Chapter 14	Practice	
Practice - Chapter 13	Practice	
Homework Quiz Chapter 13	Homework	11/17/22 at 11:59pm
Pre-lecture Chapter 15	Prelectures	11/28/22 at 11:59pm
Optional Video Lecture - Chapter 15	Practice	
Practice - Chapter 14	Practice	
Homework Quiz Chapter 14	Homework	12/01/22 at 11:59pm
Pre-lecture Chapter 16	Prelectures	12/04/22 at 11:59pm
Practice - Chapter 15	Practice	
Practice - Chapter 16	Practice	
Homework Quiz Chapter 15 and Chapter 16	Homework	12/08/22 at 11:59pm
Final: Cumulative - chapters 1-16	Test	12/16/22 6:40 pm, ML SCI 235

Thank you for taking physics with us here at UVM.