

Physics 214
Spring Semester 2018

Lecturer: [Professor Laszlo Gutay](#)
Office: Room 314 in Physics Building
Phone: (765) 49-45047
E-mail: gutay@purdue.edu
Office Hours: After lecture or by appointment

Class: [Monday, Wednesday, Friday 8:30 - 9:20am in Room 114 Physics Bldg.](#)

Textbook: [W. Thomas Griffiths: Physics of Everyday Phenomena 8th Edition](#)
There is a new edition the 8th but the 7th 6th or 5th editions are just as good and would be cheaper if available.

Course Website: <http://www.physics.purdue.edu/phys214>

CHIP Administrator:

Office:
Phone:
E-mail: CHIP_214@physics.purdue.edu

Prerequisites Are: High School level: algebra, geometry, analytic geometry, trigonometry, coordinate systems, vectors and physics.

Lecture:

You are expected to attend all lectures, thus, attendance will be taken. Preparation for the lectures will include reading the assignment from the text for the date indicated on the lecture reading assignment sheet. You may find that some topics assigned will not be discussed in the lectures, due to lack of time. However, you should not conclude that these topics are unimportant and/or are not suitable for examination questions. You are responsible for ALL reading assignments in your textbook. Spare assignment sheets and this document are available in the Physics Undergrad Office, located in Physics Room 144.

Homework: Homework assignments are specified in the Recitation Assignment Sheet. Most of the problems are given to you by the help of a computer terminal. They are called CHIP homework problems. You enter your solution via a terminal and it is graded by the CHIP program.

The [CHIP homework assignments are due by 8:30am of due date.](#)

Examinations: There will be two evening exams each two hours long during the semester:
Exam 1 Feb. 20, Thursday 8:00-10:00pm in Phys. Room 112
Exam 2 March 28, Thursday 8:00-10:00pm in Phys. Room 112

The Final Exam (2 hrs.) will be scheduled in accordance with University regulations. For all exams **you are not allowed to use** crib sheets, books or notes. I will provide you with the needed equations, which you will have to memorize.

Exam Calculator: When taking a Physics 214 Exam, there is only one calculator model that is acceptable: The **CASIO fx-260 SLRSC FRACTION**.

NO OTHER BRAND or TYPE WILL BE ALLOWED!

Attendance: Attendance will be taken at every lecture. Anyone who misses five or more lectures gets an F.

Make-Up Exam: No make-up exam will be given. Proposed absences must be reported to me, well before the exam. Missing any of the exams, results in an F in the course.

Absences and Excused Grades: In general there is no way to make up exams or quizzes. Unexcused absences from any midterm exam will be assigned a zero grade. Excused absences will be given only in one of the following circumstances: (1) illness; (2) personal crisis (e.g., automobile accidents, required court appearance, death of a close relative, weather conditions that make it impossible to get to the university). You **must** contact your instructor as soon as possible but **before** the exam and discuss your problem. Appropriate documents (e.g., a written note from a doctor, with his/her name and phone number included) may be needed to judge the merit of the excuse. More than one exam will likely not be excused. **Missing the final exam cannot be excused, thus it results in an F grade in the course.**

Cheating: Any student caught cheating will be penalized and reported to the Dean of Students.

Course Office: The place to go for organizational information on the course is the Physics Undergraduate office, [Phys. 114 \(Phone #: 49-42970\)](#)

Help: In addition to me there will be a TA in the course.
Name: Harshad Sahasrabudhe
Office hour: Thursday 2:00-5:00pm in Phys. Room 12A
e-mail: hsahasra@purdue.edu

IClicker: You must purchase an Iclicker from the bookstore. Be sure and purchase the correct one. These will be used in lecture for class attendance. You must register your Iclicker serial number (clicker ID) in the student grade book on CHIP. NOT THE Iclicker WEB site.

Getting Help:

The main learning tools are the lecture, quizzes and working all the assigned homework problems. If you are having difficulties with the material there are several options:

- 1.) For the assigned homework problems, the TA should be the main source of help.
- 2.) The help center located in the physics building Room 12A will be available for students.

Your TA's office hours will be posted outside Physics Room 12A and on the Physics 214 web site.

3.) You can set up an appointment to see me.

4.) There is a list of tutors on the Physics home page under student's resources.

World Wide Web: Physics 214 has a set of Web pages, like many other courses in this Department. Look there for occasional announcements, for an up-to-date version of this course outline (including the reading and homework assignments), and for entry to the CHIP system.

If you need to drop this course: Prof. Gutay will sign drop slips with a "W" at any time. The last day to cancel a course assignment is on 5 of February, 2018.