

**Instructor:** Prof. Kurtis Nishimura  
Email: [kurtisn@hawaii.edu](mailto:kurtisn@hawaii.edu)

**Prerequisites:** PHYS 151 or 170  
MATH 242 or 252A (or MATH 216 with consent)

**Lecture:** T R 10:30 – 11:45 am  
Zoom link: <https://hawaii.zoom.us/j/94283595748>  
Meeting ID: 942 8359 5748  
Passcode: 857054

**Course Format:** The course will be delivered fully online, synchronously, at the days and times listed above. However, if you are not able to join due to time zone issues, technology challenges, etc., lectures will be recorded and available online. You are strongly encouraged to attend class, as it is your best chance to ask questions and provide feedback, and your participation also helps me to gauge the pace of the course and whether any topics need further attention.

**Office Hours:** Please email me to arrange meetings for office hours, which will be held by Zoom.

**Course Website:** <https://laulima.hawaii.edu>  
Information on assignments, exams, and other logistical announcements will be made on Laulima. Please check the course site regularly for updates!

**Course Material:** University Physics, Young and Freedman, Pearson 15th Edition.

The full eBook, study resources, and most homework for this course will be available online through Pearson's Mastering Physics system.

The following instructions should allow you to access the system:

1. Navigate to <http://www.pearsonmylabandmastering.com>.
2. Register with our course ID: **nishimura12199**
3. Use the following access code:

**DCKUP-MUSIL-TWINE-FACET-TERZA-SIRES**

The digital access for the course is being delivered through our bookstore's **Interactive Digital Access Program (IDAP)**. The cost of your digital materials will automatically be charged to your student account at a deeply discounted price. You are responsible for paying for charges applied to your student account.

If you opt-out of IDAP you will have to pay full price for access to the materials. *Only opt-out if you plan to drop the course!*

**Grading:** Course grades will be determined based on the following contributions:

Homework:	15%
Recitation:	15%
Laulima Quizzes:	15% (Participation)
Midterm 1	15%
Midterm 2	15%
Final Exam	25%

<b>Grading Scale:</b>	> 95%	A+	65 – 70%	C+
	90 – 95%	A	60 – 65%	C
	85 – 90%	A-	55 – 60%	C-
	80 – 85%	B+	50 – 55%	D+
	75 – 80%	B	45 – 50%	D
	70 – 75%	B-	40 – 45%	D-
			< 40%	F

*Note: at the end of the semester, the grade cutoffs may be lowered at the instructor's discretion, but they will not be raised.*

**Homework:** Problem sets will be assigned weekly through Mastering Physics. The due date will generally be one week after the final lecture on the chapter. For example, if Chapter 21 lecture is completed on schedule on 1/14, the associated problem set will be due 1/21. Be attentive to in-class and posted information on Laulima for updated information on problem sets and due dates. Problem sets include optional practice problems and extra credit problems. Please see the point assignments on each set in order to determine required vs. optional problems. An adaptive practice assignment will be available to you after completing each problem set, if you would like further practice. These will not be graded. ***Late homework will be accepted at a reduced score. The credit is reduced at a rate of 10% per day late, but will never be reduced below 25%.***

**Recitation:** Please check your enrollment information to verify which section to attend:

Section 007 (CRN 89051): M 2:30 – 3:20 pm

Section 008 (CRN 91113): R 1:30 – 2:20 pm

Section 009 (CRN 91114): W 3:30 – 4:20 pm

*You will be contacted by the TA of your section with Zoom connection information. Note there will be no recitation section during the first week of classes.*

**Participation & Quizzes:**

In order to encourage class attendance and participation and to provide feedback to the instructor, in-class polls will be regularly conducted during lecture. These will not count toward your grade, but a weekly quiz reflecting similar or identical questions will be administered via Laulima, and will count toward your final grade.

**Exams:** Three exams will be held: two midterms and a final. Nominal exam dates are shown in the schedule below. Exact dates and formats will be announced in class and posted to Laulima.

Makeup exams will not be permitted, unless arranged at least 2 weeks in advance due to a scheduled UH-activity, or in cases of *documented* emergencies.

**Schedule:** We will generally aim to cover one chapter of the textbook per week, beginning with Chapter 21. The following is a *tentative* schedule for the semester, but may be revised depending on lecture progress. Check back both in class and on Laulima for updates.

Week 1 (1/12, 1/14): Chapter 21 – Electric Charge & Electric Field

Week 2 (1/19, 1/21): Chapter 22 – Gauss’s Law

Week 3 (1/26, 1/28): Chapter 23 – Electric Potential

Week 4 (2/2, 2/4): Chapter 24 – Capacitance & Dielectrics

Week 5 (2/9, **2/11**): Chapter 21-24 Review, **Midterm 1**

Week 6 (2/16, 2/18): Chapter 25 – Current, Resistance, & Electromotive Force

Week 6 (2/23, 2/25): Chapter 26 – Direct Current Circuits

Week 7 (3/2, 3/4): Chapter 27 – Magnetic Field & Magnetic Forces

Week 8 (3/9, 3/11): Chapter 28 – Sources of Magnetic Field

Week 9 (3/16, 3/18): Spring Break - No lectures.

Week 10 (3/23, **3/25**): Chapter 25 – 28 Review, **Midterm 2**

Week 11 (3/30, 4/1): Chapter 29 – Electromagnetic Induction

Week 12 (4/6, 4/8): Chapter 30 – Inductance

Week 13 (4/13, 4/15): Chapter 31 – Alternating Current

Week 14 (4/20, 4/22): Chapter 32 – Electromagnetic Waves

Week 15 (4/27, 4/29): Chapter 33 – The Nature & Propagation of Light

Week 16 (5/4): Whirlwind Geometric Optics Tour & Final Review

Week 17 (5/13): Scheduled **final exam** at 9:45 am.

**Technical  
Support**

**Resources:** [UH ITS Computer Help Desk](#) – email [help@hawaii.edu](mailto:help@hawaii.edu) or call 956-8883 (or toll free at 1-800- 558-2669 from the neighbor islands)

Laulima Assistance Form – Click on the [Request Assistance](#) link at the bottom of any Laulima Page to fill out and submit a question and get your answer via email.

[Laulima Student Support](#)

[Information Security for Students](#)

## University Policies and Procedures

The University of Hawai'i is an equal opportunity/affirmative action institution. It is committed to a policy of nondiscrimination on the basis of race, sex, victims of domestic or sexual violence, gender identity and expression, age, religion, color, national origin, ancestry, citizenship, disability, genetic information, marital status, breastfeeding, income assignment for child support, arrest and court record (except as permissible under State law), sexual orientation, national guard absence, or status as a covered veteran. For additional details, visit the [UH Systemwide Policies and Procedures Information System \(PPIS\)](#) site.

### ***Student Conduct***

Review the [UH Systemwide Student Conduct Code](#) for more information. Review the [Online Netiquette and Privacy Tips](#) to prepare yourself when interacting online.

### ***Academic Honesty***

Acts of dishonesty, including but not limited to the following:

- Cheating, plagiarism, or other forms of academic dishonesty.

Cheating is an act of academic dishonesty and includes, but is not limited to:

1. use of any unauthorized assistance in taking quizzes, tests, or examinations;
2. use of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments;
3. the acquisition, without permission, of tests or other academic material belonging to a member of the UH faculty, staff or student body; and
4. engaging in any behavior specifically prohibited by a faculty member in the course syllabus or class discussion.

Plagiarism is also an act of academic dishonesty and includes, but is not limited to:

- the use, by paraphrase or direct quotation, of the published or unpublished work of another person without full and clear acknowledgement.
- It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

Furnishing false information to any UH official, faculty member, or office.

Forgery, alteration, or misuse of any UH document, record, or form of identification.

### ***UH Title IX***

- The University of Hawai'i is committed to providing a learning, working and living environment that promotes personal integrity, civility, and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking ([UH Title IX](#)). If you or someone you know is experiencing any of these, the University has staff and resources on your campus to support and assist you.
- If you would like to report incidents of sex discrimination or gender based violence, contact your campus [Title IX Coordinator](#) or submit the online [reporting form](#).

- If you wish to remain ANONYMOUS, speak with someone CONFIDENTIALLY, or would like to receive information and support in a CONFIDENTIAL setting, contact your campus' [confidential resource](#).

## ***Accommodation Statement***

The University of Hawai'i is committed to a barrier-free campus and provides accommodations to ensure students with disabilities equal access to education. We agree to make academic adjustments to ensure non-discrimination of students with disabilities. This commitment is in accordance with applicable state and federal laws, including the Americans with Disabilities Act, and Sections 504 and 508 of the Rehabilitation Act.

Under the Americans with Disabilities Act (Title II) and the Rehabilitation act of 1973-section 504 and 508, individuals with disabilities have protections against discrimination and are assured access to programs, services and activities. For more information see "Americans with Disabilities Act" and "Rehabilitation Act of 1973 – Section 504 or Section 508".

Students must self-identify to the appropriate Disability Services Office and complete the intake process before receiving reasonable accommodations. To ensure the prompt and effective provision of accommodations, students should contact the Disability Services Office as early as possible. Find your disability services office contact for your home campus.

- **UH Mānoa**  
Visit the [KOKUA](#) website. KOKUA can be reached at (808) 956-7511 or (808) 956-7612, email: [kokua@hawaii.edu](mailto:kokua@hawaii.edu).

## **Student Support**

- [Academic Advising](#)
- [Bookstore](#)
- [Career Services](#)
- [Counseling Services](#)
- [Registration](#)

## ***Financial Aid Statement***

If students do not begin attendance in a course or stop participating in a course, Title IV funds must be returned according to Federal Return of Title IV funds regulations (34 CFR 668.21(a)). This means you may be required to return some (or all) of the financial aid you have received. It is very important to remember that colleges are required to take steps necessary to ensure that students are academically engaged in order to justify the disbursement of Federal Title IV student aid funds. If at any time your plans change and you no longer plan to participate in the courses in which you enrolled, you must contact the financial aid office to minimize any possible negative financial impact.

For more information on financial assistance for your education, please contact your [home campus financial aid office](#). Financial assistance may include grants, scholarships, and other resources to help you pay for the cost of college. A financial aid adviser will be able to help you navigate this process to determine your eligibility for these funds.