

Physics 1320

Wednesday, January 19, 2022

Instructor: David H. Dunlap, Department of Physics and Astronomy.

Office hours: 4:00-7:00 pm, Wednesday (following the Recitation* from 3-3:50 pm). Contact: dunlap@unm.edu.

Class Information

Lecture: MWF 10-10:50 am. **Recitation:** W 3:00-3:50 pm. **Text:** Young/Freedman University Physics, 15th Edition. Each student has a 1-semester rental of the e-book for \simeq \$50 automatically charged to their UNM account. The book is accessible through LEARN. If you do not want to be charged (perhaps you own a book, or prefer to buy a used book online) there is a 3-week opt-out period, but I understand that you have to initiate this on your own - the default is to assume you want the e-book rental, and bill you \$50.

Syllabus

First 1/3 of semester: **Thermodynamics** (Class notes). Second 2/3 of semester: **Electricity and Magnetism** (Volume 2 of University Physics, Chapters 21-31).

Grading

Homework: This will normally be assigned each Saturday, to be passed in at the beginning of class the following Friday. The semester homework total will be worth 20% of the overall grade. No late homework will be accepted, but your lowest score will be dropped from the average. Solutions and occasional notes and class announcements will be posted online on our class homepage - TBA

Exams: There will be 3 in-class exams during the semester, to be tentatively held on the following Mondays: Feb. 21, Mar. 28, and Apr. 25. Each of these exams will be worth 20% of the total course grade. The remaining 20% of the course grade will be based on the final exam, which will be on Friday, May 14, from 7:30 am - 9:30 am. Please arrange your schedules in advance so that you will be available to take these exams.

Scale: Grades will be based on a percentage:

<i>A</i>	90 – 100
<i>B</i>	80 – 89
<i>C</i>	70 – 79
<i>D</i>	60 – 69
<i>F</i>	< 60

Makeup for Missing an Exam

An optional *comprehensive* makeup exam will be offered one time only, on **Wed. evening, May 4, from 7:30-9:30 pm**. You may substitute your score on this exam for your lowest score on any of the three regular in-class exams. This way you may compensate for having been absent for an exam. Please note, however, that there is no makeup for the final exam, nor is there a makeup date for the makeup exam.

*Physics 1310 is a 4-credit hour class, with 3 credit hours for the MWF lecture and 1-credit hour for the W recitation. Yet, to prevent conflicts with other classes, we do not bundle these two together; we give the recitation class its own name - PHYC 1311, making it an optional credit/no-credit problem-solving class. To accommodate students with scheduling conflicts for the nominal 3-3:50 pm time slot, I have reserved RH 114/116 from 3-7 pm every W. Please feel free to drop in at any time in this window.

Additional Information:

UNM Administrative Mandate on Required Vaccinations

All students, staff, and instructors are required by UNM Administrative Mandate on Required Vaccinations to be fully vaccinated for COVID-19 as soon as possible, but no later than September 30, 2021, and must provide proof of vaccination or of a UNM validated limited exemption or exemption no later than September 30, 2021 to the UNM vaccination verification site. Students seeking medical exemption from the vaccination policy must submit a request to the UNM verification site for review by the UNM Accessibility Resource Center. Students seeking religious exemption from the vaccination policy must submit a request for reasonable accommodation to the UNM verification site for review by the Compliance, Ethics, and Equal Opportunity Office. For further information on the requirement and on limited exemptions and exemptions, see the UNM Administrative Mandate on Required Vaccinations.

UNM Requirement on Masking in Indoor Spaces

All students, staff, and instructors are required to wear face masks in indoor classes, labs, studios and meetings on UNM campuses, see masking requirement. Qualified music students must follow appropriate specific mask policies issued by the Chair of the Department of Music and the Dean of the College of Fine Arts. Vaccinated and unvaccinated instructors teaching in classrooms must wear a mask when entering and leaving the classroom and when moving around the room. When vaccinated instructors are able to maintain at least six feet of distance, they may choose to remove their mask for the purpose of increased communication during instruction. Instructors who are not vaccinated (because of an approved medical or religious exemption), or who are not vaccinated yet, must wear their masks at all times. Students who do not wear a mask indoors on UNM campuses can expect to be asked to leave the classroom and to be dropped from a class if failure to wear a mask occurs more than once in that class. With the exception of the limited cases described above, students and employees who do not wear a mask in classrooms and other indoor public spaces on UNM campuses are subject to disciplinary actions.

Communication on change in modality: The President and Provost of UNM may direct that classes move to remote delivery at any time to preserve the health and safety of the students, instructor and community. Please check regularly for updates about our class and please check <https://bringbackthepack.unm.edu> regularly for general UNM updates about COVID-19 and the health of our community.