

# SYLLABUS PHYSICS 462 FALL 2023

## I. SPACE TIME COORDINATES

Meets Monday Wednesday Friday @ 9:30-10:20 in Jorgensen Hall 149.

All announcements will be sent via Canvas so please make sure your email address is correct.

Textbook: Introduction to Quantum Mechanics by David J. Griffiths 2nd Edition.

Prerequisites: Physics 213, Physics 311 and Physics 461 (grade of P, C or better).

Office Hours: Monday and Wednesday 1:00-2:30

My coordinates Office: Jorgensen Hall 310E

Email: [sadenwalla1@unl.edu](mailto:sadenwalla1@unl.edu) (I usually answer emails within 24 hours during the week-weekends take longer)

Phone: 472 2709

Time required to do well: 12-15 hours/week outside of class.

Attendance policy: You are required to attend class. Three unexcused absences are allowed during the semester.

## II. ACADEMIC MISCONDUCT: A SINGLE INSTANCE OF ACADEMIC DISHONESTY WILL RESULT IN A FAILING GRADE FOR THE COURSE.

Academic honesty is essential to the existence and integrity of an academic institution. The responsibility for maintaining that integrity is shared by all members of the academic community. The University's [Student Code of Conduct](#) addresses academic dishonesty.

Academic dishonesty, as defined below, **includes copying homework either from another student or from existing solutions, whether published or not. Students are allowed to discuss homework with each other, but copying homework (either from an external source or from fellow students) *is* cheating. Using online resources such as Chegg, or copying solutions that are posted online *is* cheating.**

**STUDENT CODE OF CONDUCT (<http://stuafs.unl.edu/ja/code/three.shtml>)**

### 4.2 Academic Dishonesty

a. The maintenance of academic honesty and integrity is a vital concern of the University community. Any student found guilty of academic dishonesty shall be subject to both academic and disciplinary sanctions. Academic dishonesty includes, but is not limited to, the following:

1. Cheating: Copying or attempting to copy from an academic test or examination of another student; using or attempting to use unauthorized materials, information, notes, study aids or other devices for an academic test, examination or exercise; engaging or attempting to engage the assistance of another individual in misrepresenting the academic performance of a student; or communicating information in an unauthorized manner to another person for an academic test, examination or exercise.
2. Fabrication or Falsification: Falsifying or fabricating any information or citation in any academic exercise, work, speech, test or examination. Falsification is the alteration of information, while fabrication is the invention or counterfeiting of information.
3. Plagiarism: Presenting the work of another as one's own (i.e., without proper acknowledgment of the source) and submitting examinations, theses, reports, speeches, drawings, laboratory notes or other academic work in whole or in part as one's own when such work has been prepared by another person or copied from another person.
4. Abuse of Academic Materials: Destroying, defacing, stealing, or making inaccessible library or other academic resource material.
5. Complicity in Academic Dishonesty: Helping or attempting to help another student to commit an act of academic dishonesty.

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6. Falsifying Grade Reports: Changing or destroying grades, scores or markings on an examination or in an instructor's records.
7. Misrepresentation to Avoid Academic Work: Misrepresentation by fabricating an otherwise justifiable excuse such as illness, injury, accident, etc., in order to avoid or delay timely submission of academic work or to avoid or delay the taking of a test or examination.
8. Other: Academic units and members of the faculty may prescribe and give students prior notice of additional standards of conduct for academic honesty in a particular course, and violation of any such standard of conduct shall constitute misconduct under this Code of Conduct and the University Disciplinary Procedures.

### III. QUIZZES, HOMEWORK, EXAMS AND GRADING

Quiz: Approximately every week there will be at least 1 reading quiz on the lectures of the forthcoming week and the past week.

Homework: Homework may be due multiple times a week, uploaded to Canvas. This is to avoid the frantic last-minute scramble to finish a homework set before the due date and time. No late homework sets will be accepted. Homework sets are posted on Canvas. If you find yourself spending more than 30 minutes on getting started on a single homework problem, *get help*. Help is available via my office hours. You are responsible for knowing the material on the homework. The exams will assume that the HW problems have been worked on, digested and understood.

Exams: There will be THREE in-class midterms and a final.

Midterm 1: Friday September 22nd In-class 9:30-10:20

Midterm 2: Wednesday October 18th In-class 9:30-10:20

Midterm 3: Friday November 17th In-class 9:30-10:20

Final (Comprehensive): 12th Dec (Tuesday): 10 am-12 noon

<u>Grading:</u>	Homework	200 points
	Quizzes	150 points
	1 <sup>st</sup> midterm	150 points
	2 <sup>nd</sup> midterm	150 points
	3rd midterm	150 points
	<u>Final (cumulative)</u>	<u>200 points</u>
	TOTAL	1000 points

**IV. STUDENTS WITH DISABILITIES** : The University strives to make all learning experiences as accessible as possible. If you anticipate or experience barriers based on your disability (including mental health, chronic or temporary medical conditions), please let me know immediately so that we can discuss options privately. To establish reasonable accommodations, you should register with Services for Students with Disabilities (SSD). If you are eligible for services and register with their office, make arrangements with me as soon as possible to discuss your accommodations so they can be implemented in a timely manner. SSD contact information: 232 Canfield Admin. Bldg.; 402-472-3787.