Instructor: Dr. Ana Jofre
Office Hours: Mondays and Wednesdays: 135C Burson 2:30pm-3:30pm.
Fridays by appointment only: 348 Grigg Hall

Email: ajofre@uncc.edu (Note: you must put “Phys1101-092” in the subject line of your email)
Websites: For course material: https://moodle.uncc.edu
For quizzes and homework: http://Webassign.com

Lectures are held in Burson 121 on Mondays and Wednesday 12:30pm-1:45pm.
Exams will be on Fridays at 10:30 AM – 12:15 PM (dates given below, room TBA)
The FINAL exam will be on SATURDAY DECEMBER 10 8:00 am – 11:00 am (room TBA)

Additional Resources:
- Please take advantage of help available at the Physics Resource Center, located in Burson 135A.
- For individual tutoring, go to the Department of Physics office (Burson 100) or to the University Learning Center (318K Fretwell, Phone: 704 687 2163).

Course Description
This is your first course of the algebra-based introductory physics sequence; it covers concepts of motion, force, energy, and vibration. The purpose of this course is to help you become a better thinker, and thereby to become a more fully-functioning, autonomous human being. Our strategy will be to develop the important, individual skills necessary to think well—that is, to develop the habits of directing your thinking processes so that you are able to better evaluate claims and arguments, make better decisions, solve problems more effectively, and identify more and better alternative courses of action for any situation.

Course Objective: To understand and develop the habits of good reasoning, good decision-making, and good problem-solving.

Like any other skill, your evaluative, decision-making and problem-solving skills will develop only through practice, practice, and more practice. Please be warned that physics is learned by doing and not merely watching.

REQUIRED MATERIAL:
- “College Physics” Serway and Vuille, 9th edition. (It is HIGHLY recommended that you purchase the book bundle—which includes Webassign access—at our bookstore, because it is cheaper than buying the book and Webassign separately.)
- Moodle: We will use “Moodle” to communicate class related news, instructions, and other documents. Access the link to Moodle through your 49er express account. You should see this course under the “My Courses” section. Please check the course page in Moodle frequently.
- WebAssign Access is required for online homework and pre-lecture quizzes. Instructions on how to register are posted on Moodle. It is cheaper to buy the book bundle at the bookstore than to purchase WebAssign directly. For more information visit: http://www.webassign.net/manual/WebAssign_Student_Guide.pdf
- PRS RF Transmitter [your clicker]. This is required for in class discussions (graded). Available at the bookstore. Read through the user guide that comes with your clicker and become familiar with its basic operation. Make sure you register your clicker on Moodle so that you can receive credit for your responses. Check battery level frequently, replace if necessary. The clicker channel for our classroom is 21.
BRING THE FOLLOWING TO EVERY CLASS:

- Pen/pencil and notebook.
- Formula sheet.
- Scientific Calculator (also required for Homework, Tests and Exams)
- PRS RF Clicker

Grading:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Weight (%)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework (in webassign)</td>
<td>15%</td>
<td>(drop 2 lowest)</td>
</tr>
<tr>
<td>Pre-lecture Quiz (in webassign)</td>
<td>10%</td>
<td>(drop 4 lowest)</td>
</tr>
<tr>
<td>In-Class participation (Clickers)</td>
<td>10%</td>
<td>(drop 4 lowest)</td>
</tr>
<tr>
<td>Midterm Exam I (Sept. 30)</td>
<td>15%</td>
<td></td>
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<tr>
<td>Midterm Exam II (Nov. 4)</td>
<td>15%</td>
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<tr>
<td>Midterm Exam III (Dec. 2)</td>
<td>15%</td>
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<tr>
<td>Final Exam (Dec 11, 8–11 am)</td>
<td>20%</td>
<td>(Final exam score can replace one mid-term score)</td>
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<tr>
<td>TOTAL</td>
<td>100%</td>
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Extra Credit:

Some extra in-class clicker quizzes will be assigned randomly during the course. You may earn up to 10% of extra credit toward your next exam score.

Grades are assigned using a 10-point grading scale: A = 90.0-100.0, B = 80.0-89.9, C = 70-79.9, D = 60-69.9, F <= 59.9. The course is not graded on a curve.

COURSE POLICIES:

- **NO LATE OR MAKE-UP EXAMS, QUIZZES, OR HOMEWORK. NO EXCEPTIONS!!!**

- The Policy of Dropping a few low scores (HW AND QUIZZES) and replacing the lowest mid-term score with the final exam score is **DESIGNED TO ACCOMMODATE UNPLANNED/UNFORESEEN ABSENCES ONLY.**

- While in class:
  - No talking
  - No texting or internet surfing
  - No sleeping

  **This policy is intended to optimize the learning environment of the classroom.**

- **YOU ARE RESPONSIBLE FOR ALL MATERIAL COVERED IN CLASS, IN HOMEWORK ASSIGNMENTS, ON QUIZZES, AND IN ASSIGNED READING.**

Pre-Lecture Quizzes

- There is no Extension or makeup for pre-lecture quizzes.
- Pre-lecture quizzes are 10% of your final grade.
- Pre-lecture quizzes are to be submitted in webassign.
- Pre-lecture quizzes are time-limited. Please study first before trying to answer the quiz.
- The due date of each pre-lecture quiz is midnight before the date of the lecture.
- The number of trials in each question is very limited (2 trials) to ensure high quality of pre-lecture study and discourage guesswork.
In-class Participation

- NO MAKEUPS.
- Students will use their PRS clicker to participate in class. NO Paper submissions allowed.
- Some clicker responses will be graded. On the graded questions, you will receive 3 points for a correct response, 1 point for an incorrect response (attendance credit), 0 points for no response.
- The lowest 4 daily scores will be dropped. (save these for emergencies, do not skip class unnecessarily).
- If you forget to bring your clicker to class or run out of batteries, that day will count towards one of the 4 scores dropped. Or notify me at the beginning of class and I will give you the attendance credit.

Homework

- LATE HOMEWORK WILL NOT BE ACCEPTED. There will be NO MAKE-UP HOMEWORK.
- You are encouraged to work together on homework, and to use the Physics Resource Center in Burson 135A, but it is to your benefit to make sure you learn from each other rather than simply copy.
- The two lowest homework grades will be dropped at the end of the semester.
- Solutions will be available for a week outside lecture hall (121 Burson) or Physics resource center.

Exams

- There will be NO MAKE-UP EXAMS. NO EXCEPTIONS. PLAN ACCORDINGLY.
- The final exam is comprehensive.
- One midterm exam score can be replaced by the Final Exam score if higher.

You must completely do your own work on the quizzes, the midterm exams, and the final exam. Failure to do so will be a violation of academic integrity. There will be consequences. See below.

ACADEMIC INTEGRITY:

Academic honesty and integrity are essential to the existence and growth of an academic community. Without maintenance of high standards of honesty, members of the instructional faculty are defrauded, students are unfairly treated, and society itself is poorly served. Maintaining the academic standards of honesty and integrity is ultimately the formal responsibility of the instructional faculty; and this responsibility is shared by all members of the academic community. UNC Charlotte strives to create an academic climate in which the dignity of all individuals is respected and maintained. Therefore, we celebrate diversity that includes, but is not limited to ability/disability, age, culture, ethnicity, gender, language, race, religion, sexual orientation, and socio-economic status.

All UNC Charlotte students have the responsibility to be familiar with and to observe the requirements of The UNC Charlotte Code of Student Academic Integrity (see the Catalog). This Code forbids cheating, fabrication or falsification of information, multiple submission of academic work, plagiarism, abuse of academic materials (such as Library books on reserve), and complicity in academic dishonesty (helping others to violate the Code). Any further specific requirements or permission regarding academic integrity in this course will be stated by the instructor, and are also binding on the students in this course. Students who violate the Code can be punished to the extent of being permanently expelled from UNC Charlotte and having this fact recorded on their official transcripts. The normal penalty is zero credit on the work involving dishonesty and further substantial reduction of the course grade. In almost all cases, the course grade is reduced to "F." If you do not have a copy of the Code, you can obtain one from the Dean of Students Office or access it online at www.legal.uncc.edu/policies/ps-105.html. Standards of academic integrity will be enforced in this course. Students are expected to report cases of academic dishonesty they become aware of to the course instructor who is responsible for dealing with them.

- No cell phones or other electronics at all during exams.
- Students with cell phones or other wireless communication devices during an exam will have the exam taken up and receive no credit for the exam.
- Students will be required to show their university ID upon turning in exams.