

# Physics 122 Spring 2009

<http://wug.physics.uiuc.edu/cc/parkland/phy122/spring/>

**Instructor:** Professor Curtis Shoaf  
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**Office Hours:** Monday, Wednesday 11:00-11:50AM  
Tuesday, Thursday 8:30 - 10:00AM

**Text:** Physics, by Cutnell and Johnson, 7<sup>th</sup> edition

**Grades:** This course will be graded out of **1000 Points**. You will earn points in the following way:

Pre Lectures	50
10 Best Quizzes	100
3 Exams (2 high-150pts low 100pts)	400
Labs	50
Homework	100
Attendance/Participation	50
Exam Corrections	100
Final Exam	150

**The cutoffs for final grades will be: 900 A, 800 B, 700 C, 600 D**

## **Calculator:**

- You need to have a calculator with Sine, Cosine, Tangent, square and square root functions. You do not need a graphing calculator, but you may use one. Bring your calculator to class each day.

## **Pre- Lectures**

- Deadline is 8AM on Monday of each week.
- Full credit is given for viewing each slide.

## **Quizzes**

- Quizzes will be done online.
- There will be 12 quizzes; only the best 10 scores will be kept.
- Each quiz will be open one week before it is due.
- You may work together on quizzes and ask me for help.

**Exams**

- There are three multiple choice hour exams.
- Exams will be administered in class on Wednesday of exam week.
- You have 1 hour 50 min. for each exam.
- An equation sheet will be provided for each exam.

**Labs**

- There are no makeup labs, all lab scores are kept.
- Labs start on Thursday and finish on Tuesday.
- You must return the lab setup back to the way you found it. (Clean up after yourself)

**Homework**

- Homework will be done online. The deadline is 10PM on Thursday of each week.
- You will receive full credit before the deadline and 80% credit up until one week after the deadline.
- You may attempt each problem as many times as you want.
- Many of the homework problems are interactive examples or IE's. These have extensive help available and will walk you through the problem. You do not have to look at the help to receive full credit. After completing the problem it will ask you follow up questions. These questions are not for credit, but include many concepts important to the course.

**Attendance/Participation:**

- There are 50 points for Attendance/Participation. You may miss 2 classes without penalty. This is not meant for merely skipping class, but for sickness, car trouble, or anything else that may arise during the semester. Every class after two will result in a two point deduction.
- Disruptive behavior, tardiness and lack of participation will result in a one point deduction per occurrence. Each student will be given one warning before any participation points are deducted. Attendance is taken at the beginning of each class, if you are late it is your responsibility to make sure your attendance is recorded.
- Announcements will be made at the beginning of each class. If you miss a class or are late, it is your responsibility to contact me or another student in the course to find out if you missed any important announcements.

**Exam Correction:**

- You will be required to correct any questions on the exam that you get wrong. Students may work together, but individual work must be handed in. Verbatim answers will be considered cheating.
- As a bonus you may choose to write a "key" for the exam. You can earn up to 10 bonus points for each exam.

**Final Exam:**

- The final exam will be comprehensive and multiple choice.
- The final exam is at 8:00AM on Wednesday May 13<sup>th</sup>.

**Mass Notification System**

In the event of a significant campus emergency, Parkland College will activate its mass notification system. We encourage you to sign up for this free service and select how you would like to be notified: text message, audio message, or email message. Sign up at <http://www.parkland.edu/publicsafety/alerts.htm>

**Student Conduct:**

- No classroom disruptions will be tolerated. Respectful behavior toward each student is expected.
- Turn off your cell phone before entering the class. A ringing cell phone will cause you to lose your participation point for that day. No warning will be given.
- Academic Honesty is expected. Cheating (or enabling others to cheat) on exams, plagiarizing lab reports (or enabling others to plagiarize), and the like will be dealt with in accordance with college policy. This could mean a zero on the exam or lab and an 'F' in the course, or expulsion from Parkland.

**Withdrawal From This Course:**

- The last day to withdraw with a W grade is April 30. If you do not want a grade of A,B,C,D, or F, **YOU** must withdraw on or before April 30. Faculty members may withdraw students for non-attendance only until midterm grades are submitted. Faculty may not withdraw students from their classes after midterm grades are submitted.

**Registration**

- You must be officially registered in this course to take any of the hour exams. If you are not registered or are dropped for lack of payment, make sure you are registered before the first hour exam.

**Accommodations**

- If you believe you have a disability for which you may need an academic accommodation (e.g. an alternate testing environment, use of assistive technology, or other classroom assistance), please contact:  
Becky Osborne Coordinator, Disability Services Room X148 (217)353-2082  
[bosborne@parkland.edu](mailto:bosborne@parkland.edu)

**Extra help**

- Peer tutoring is free to all Parkland students and is located in D130. A schedule will be posted in M126.

<b>Week</b>	<b>HW/QZ (Thur. 10PM)</b>	<b>Lab/Exams</b>
<b>1</b>		<b>Pre-test</b>
<b>2</b>	<b>HW 1, QZ 1</b>	<b>Electric Force</b>
<b>3</b>	<b>HW 2, QZ 2</b>	<b>Equipotential</b>
<b>4</b>	<b>HW 3, QZ 3</b>	<b>Series and Parallel</b>
<b>5</b>	<b>HW 4, QZ 4</b>	<b>Circuits</b>
<b>6</b>		<b>Exam 1</b>
<b>7</b>	<b>HW5, QZ 5</b>	<b>No Lab (Prof. Dev.)</b>
<b>8</b>	<b>HW6, QZ 6</b>	<b>Specific Charge</b>
<b>9</b>	<b>HW7, QZ 7</b>	<b>Resonance</b>
<b>10</b>		<b>Exam 2</b>
	<b>Spring</b>	<b>Break</b>
<b>11</b>	<b>HW8, QZ 8</b>	<b>Lenses/mirror</b>
<b>12</b>	<b>HW9, QZ 9</b>	<b>Interference</b>
<b>13</b>	<b>HW10, QZ 10</b>	<b>Light</b>
<b>14</b>		<b>Exam 3</b>
<b>15</b>	<b>HW 11, QZ 11</b>	<b>Light Spectra</b>
<b>16</b>	<b>HW12, QZ 12</b>	<b>Lab Final</b>

