Instructor’s Name: Desi Saludes
Email Address: dsaludes@hccfl.edu
Web Page: https://www.hccfl.edu/faculty-info/dsaludes.aspx

Office Location: BSCI 108B
Telephone Number: (813) 253-7842

Class Schedule: Thursdays at 1:30 – 4:00 PM in BSCI 103

Course Schedule:

T
hursdays at
1:30 – 4:00
PM

Office Hours: Please see my weekly schedule posted at our webpage (above) or on my office window. In addition to the regular posted office hours, I can meet with you by appointment at other mutually agreeable times throughout the week.

Course Description:
Laboratory class to accompany and augment PHY1025, Conceptual Physics. College level reading, writing, and math skills are required.

Corequisite: Students MUST be registered in PHY1025 (Section 32988). No exceptions permitted.

Course Objectives:
The student will demonstrate proficiency in the following areas:
* Understanding the relationship between the concepts learned in the lecture class and the experiments performed in the lab.
* Identifying potential sources of error and uncertainty in an experiment, and suggesting solutions to minimize errors and uncertainties.
* Creating college-level laboratory experiment reports, including theoretical explanations of the experimental setup and cogent analyses of results.

Lab Book: All experiments will be based on handouts and/or instructions given in class. No separate lab manual will be required.

Grading System:
The final grade will be determined by averaging together the grades from laboratory reports and a final quiz on the last day of class, which will ask you about the experiments you performed. The grade weights will be as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Lab Reports</td>
<td>50%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>50%</td>
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The following grading scale will be used for calculating the final grade:

<table>
<thead>
<tr>
<th>Grade Range</th>
<th>Letter Grade</th>
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<tbody>
<tr>
<td>90 – 100</td>
<td>A</td>
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<tr>
<td>80 – 89</td>
<td>B</td>
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<tr>
<td>70 – 79</td>
<td>C</td>
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<tr>
<td>60 – 69</td>
<td>D</td>
</tr>
<tr>
<td>59 or Below</td>
<td>F</td>
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Academic Dishonesty Policy: Any student caught engaging in any form of academic dishonesty will be given either a "0" grade on that report or an "F" as the final course grade, at the discretion of the instructor. Academic dishonesty includes plagiarism (copying text directly from a website or book when writing the lab reports). The lab reports must be written in your own words.
**Attendance Policy:** Missing a laboratory class will make it impossible for a student to create a laboratory report for that experiment, resulting in a zero grade for that report. Students arriving late for a lab class will not be permitted to perform the lab, as doing so will make it impossible for you to intelligently follow the experiment procedures and may cause safety hazards.

**Lab Reports:**
You will be required to turn in a formal lab report for two of the experiments we perform during the course of the semester. The experiments which will require reports will be announced in class. Lab reports are due at the beginning of the class period one week from the date that the experiment is performed. Lab reports turned in after the beginning of the lab period on the specified due dates will be subject to a 10-point (out of 100) penalty per day. No lab reports will be accepted more than one week after the due date.

All lab reports should contain:

- A cover sheet with the experiment title, date performed, course name, course number, your name, along with a statement of the purpose of the experiment and a brief explanation of the methods used.
- All data clearly and neatly recorded or and/or graphed.
- Any additional graphs specified in the lab, properly labeled.
- Answers to all assigned questions and/or problems.
- Results, including % error and/or % difference calculations, and a discussion of uncertainty in the experiment.
- Most importantly, an intelligent analysis and discussion of your results and conclusions. Show me what you learned from the experiment.

All lab reports must be typed, professional-looking and neatly organized, with graphs and tables all properly labeled and captioned. The physical presentation of the lab report will be considered in the grading process, as will the grammar, spelling and writing structure. It is highly recommended that students take their lab reports to the HCC writing center for revision and corrective suggestions before turning them in for grading.

**Important Notice:** Although formal lab reports will only be required for two of the experiments, the final lab exam will be based on all of the experiments performed during the semester. It is therefore recommended that each student maintain a separate lab journal with notes and observations from each of the experiments.

**Electronic Devices:** Students should silence any cell phones and turn off any other electronic devices before the class begins. DON’T BE RUDE!

**Classroom Behavior:** All students are expected to be respectful of each other and of the instructor at all times, both within and outside of the classroom. In particular, it is important that only one person speak at a time during our meetings in order to maximize our communicational effectiveness. DON’T BE RUDE!

**Request for Accommodation:** Any student whose disability falls within the American Disabilities Act (ADA) and requires accommodations should contact the Office of Services for Students with Disabilities. The Brandon office is located in the Student Service Building Room 109. You may also reach the office by phone at (813) 253-7914. Requests for accommodations should be submitted to the instructor within the first two weeks of the course.

**Religious Observances:**
HCC will reasonably accommodate the religious observances, practices, and beliefs of students in its admissions, class attendance, and examination policies and work assignments. Students must notify instructors at least one week prior to a religious observance that interferes with participation in class.
Recording of Class Sessions:
A student shall not, without my express authorization, make or receive any recording, including but not limited to audio and video recordings, of any class, co-curricular meeting, organizational meeting, or meeting with me. Further, it is not permissible to post my class lectures/course materials on the web.

Equity/Equal Access Policy:
Hillsborough Community College is an equal access/equal opportunity employer that makes employment and education-related decisions without regard to race, color, gender, religion, national origin, age, disability, sexual orientation, marital status or any other bias that is or may be prohibited by laws. In addition, the college does not discriminate in employment practices or in the admission and treatment of students. HCC is committed to equitable treatment for all students and employees and to a learning and working environment free of discrimination and harassment for current as well as future students and employees. The college provides equal educational opportunities for qualified individuals with disabilities and complies with, as well as, supports the Americans with Disabilities Act. HCC’s Equity Officer ensures compliance with federal and state laws prohibiting discrimination and sexual harassment.