PHY246 – Physics III Lab

CRN: 93222	**Credit**: 1
Instructor: Glenda Denicoló (PhD)	**E-mail**: denicog@sunysuffolk.edu
Website: gdenicolo.net and Bb (most course material will be in Bb)	
Instructor office hours (my office is T-218): *The instructor's schedule is also available online: website above.*	Mon 1:30 – 2 pm
	Tue 2:30 – 4 pm
	Wed 10:30 – 11am
	Thu 2:30 – 4 pm
	Online hour (NOT on campus): Wed 7-8 pm
Hours of physics tutors at the Help Center: posted on T-16 or online (website above, search for "Help Center").	

GRADE POLICY

Activity	Points
8 out of 10 Lab Reports (1 week after experiment)	80%
Lab Midterm	10%
Lab Final	10%

Lab reports: Students have exactly ONE WEEK after the experiment to turn in a required lab assignment/report. This work must be done INDIVIDUALLY. Lab reports turned in **1 day late** will be penalized with a **20% reduction** in grade. **Anything after that will receive a zero.** There will be NO LAB MAKE-UP for missed experiments. However, TWO reports with the lowest grades will be dropped from final grade calculation.

At least one lab report must be written using Latex. If not, then at the end of the semester, seven lab report grades will be averaged, and one of these seven lab reports with a grade close to average will be given a ZERO (its grade will be dropped, which represents a reduction of about 10 points in your final grade).

Attendance is based on the completion of the experiment AND the required lab report. Students who are not present on the day of the experiment cannot submit a report and will receive zero.

All experiments will be performed in groups of no more than 4 people. Data acquisition must be performed as teamwork, everyone must participate, and all are equally responsible for the quality of the data. Once data acquisition is finished and the groups had a chance to review & discuss the experiment during the lab, the remaining activities MUST BE COMPLETED INDIVIDUALLY.

There will be NO curving of the grades in this course. Your final grade is non-negotiable. This is the letter grade breakdown that will be used throughout the semester:

89.5 ≤ A ≤ 100
84.5 ≤ B+ ≤ 89.4
79.5 ≤ B ≤ 84.4
74.5 ≤ C+ ≤ 79.4
69.5 ≤ C ≤ 74.4
64.5 ≤ D+ ≤ 69.4
59.5 ≤ D ≤ 64.4
F ≤ 59.4

Important Note:
At the end of the course, once all the grades are in, a 69.1 for example, translates into a D+ and never to a C. Students must understand what it means when we say "YOUR FINAL GRADE IS NOT NEGOTIABLE". It means the grade breakdown shown IS FIRM. A difference of even 0.1 point in your final grade is NOT NEGOTIABLE. You have been warned about this since the first day of class, so you must prepare accordingly. At the end of the course, no other activity will be given in order to change your final grade: at the end of the course, after your last test, the conversation is OVER.

According to the Family Educational Rights and Privacy Act (FERPA), grades will never be discussed by e-mail or phone, only in person.

ABSENCE POLICY

Students absent from more than 2 experiments without a well-documented justification may be dropped from the course.

E-MAIL COMMUNICATION WITH THE INSTRUCTOR

E-mail is the preferred means of communication with your instructor. The instructor will ALWAYS reply to your message within 24 hours (with the exception of weekends and holidays). If your instructor does not reply within 24 hours it is because you did NOT succeed in sending the message, and it is YOUR RESPONSIBILITY to check whether you typed the correct e-mail address or any other simple mistake as such. In the case of an emergency, you are allowed to submit one assignment by e-mail *before* the deadline (only once!) but a printed paper copy of your work should ALWAYS be provided to the instructor in the following class.

Notice that in the case of an emergency, the instructor may also try to get in touch with you via e-mail. The instructor will write an e-mail to your official college e-mail address (ending in @sunysuffolk.edu). This is the e-mail address you should be reading at all times concerning SCCC official announcements.

WITHDRAWAL POLICY

This instructor will NOT grant "W" after the mid-semester cutoff to any student, unless a very well justified case comes up, with documentation proving this extreme case. Mid-semester cutoff for Fall 2018: *Wednesday, October 31st*. Only students who submit a course withdrawal form on or before this date are guaranteed a grade of "W".

Please note that this means if you stop attending class without officially withdrawing in the time period provided, you will very likely be given an F by your instructor. It is common courtesy to communicate to your instructor the fact that you are leaving the course. If you have a failing (F) average after the mid-semester cutoff, you will be given an F rather than a W as your final grade, even if you stop attending class.

ADA STATEMENT

Suffolk County Community College provides reasonable accommodations to registered students with disabilities who have self-identified and been approved by the Office of Disability Services. Once approved for reasonable accommodations, such students will be provided with a laminated letter, describing the specific accommodations. Students must present this laminated letter to each of their professors before accommodations can be provided.

Students who have, or think they may have, a disability are invited to contact Disability Services for a confidential consultation. Call the Disability Services Office at 631-451-4045, email the Office at mailto:disabilityserv-ammr@sunysuffolk.eduail or stop by to make an appointment at Room 202 in the Ammerman Building. For more information regarding the College's commitment to ensuring accessibility and non-discrimination please see: www.sunysuffolk.edu/accessibility/ and www.sunysuffolk.edu/nondiscrimination

CRITICAL INCIDENT MANAGEMENT

SCCC expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Dean of Students Services any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, and/or inhibits students' ability to learn. The Office of the College Associate Dean of Students and/or the Campus Associate Dean of Student Services shall maintain all records of documented acts of academic dishonesty.

ACADEMIC INTEGRITY STATEMENT

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty is required to report any suspected instance of academic dishonesty to the Campus Associate Dean of Students Services. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the Student Code of Conduct at the website at: http://www3.sunysuffolk.edu/forms/Policies_9.pdf

Special Procedures for Academic Dishonesty (extracted from the Student Code of Conduct)

If a faculty member concludes that a student has committed an act of academic dishonesty, the faculty member may initiate student conduct action through the College Associate Dean of Students and/or may notify the student that s/he has imposed any of the following penalties:

1. require that the student repeat the assignment or the examination; or
2. give the student a failing grade for the assignment or examination; or
3. give the student a failing grade in the course and deny the student continued access to the class.

CELL-PHONE POLICY

Cell phones are allowed in class as long as they are kept in SILENT mode.

PHY246

Wednesdays 12:30 – 2:20 pm (T-14)
CRN 93222

Date	Lab	Experiment/Activity
Sep 05		Introduction & software exercises
Sep 12	1	Simple and Damped Harmonic Motions
Sep 19	1 (cont.)	Simple and Damped Harmonic Motions (cont.)
Sep 26	2	Phase Measurements on Oscilloscope
Oct 03	2 (cont.)	Phase Measurements on Oscilloscope (cont.)
Oct 10	3	Damped Oscillations in LRC Circuit
Oct 17	4	Resonance in the LRC circuit
Oct 24	5	Filter Circuits
Oct 31		**Lab midterm**
Nov 07	6	Standing Waves
Nov 14	7	Speed of Sound in Air
Nov 28	8	Geometrical Optics – Lenses and Mirrors
Dec 05	9	Diffraction and Interference of Light
Dec 12	10	Mechanical Equivalent of Heat
Dec 19		**Lab final**