

Physics for Sci & Eng Lab II

PHYS - 2225 001

Course Description

Graded laboratory. It is recommended that students take PHYS 2220 in the same semester as this course.

Semester: All

Course Student Learning Outcomes

- Learn physics principles through hands-on experience. Specific principles covered electricity, magnetism, optics, and waves.

Engagement Plan

- I will respond to email within two business days but am unavailable on Sundays.
- I will typically grade assignments within one week of their due date.
- I will typically post updates through Canvass announcements rather than emails. Please make sure that you regularly check announcements or have them forwarded to your email.

Keys for Success (how to succeed in the course)

Make sure to attend class and prepare in advance for each lab.

Be aware of due dates, late work is accepted but the late penalty builds up if you wait too long.

Contact me if you have any questions and anything your uncertain about.

Brief Description of Assignments/Exams

You will conduct a variety of laboratory experiments in this class. 90% of your grade will consist of your lab reports.

Attendance in this class is graded and is 10% of the total grade.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Introduce Yourself	Discussion	0
	Learning Outcomes Assessment	Assignment	0
	Program Learning Outcomes Assessment	Assignment	159
	Roll Call Attendance	Assignment	100
9/2/25	Pre-Lab 1A	Quiz	13
9/2/25	Pre-Lab 1B	Quiz	47
9/2/25	Statement of Completion Quiz	Quiz	33
9/2/25	Lab 1A Report	Assignment	134
9/2/25	Lab 1B Report	Assignment	118
9/9/25	Post-Lab 1A	Quiz	22
9/9/25	Post-Lab 1B	Quiz	19
9/9/25	Pre-Lab 2	Quiz	5

Due Date	Assignment Name	Assignment Type	Points
9/9/25	Lab #2 Report	Quiz	148
9/16/25	Post-Lab 2	Quiz	36
9/16/25	Pre-Lab 3A	Quiz	10
9/16/25	Pre-Lab 3B	Quiz	7
9/16/25	Lab #3A Report	Assignment	111
9/16/25	Lab #3B Report	Assignment	60
9/23/25	Post-Lab 3A	Quiz	18
9/23/25	Post-Lab 3B	Quiz	15
9/23/25	Pre-Lab 4	Quiz	10
9/23/25	Lab #4 Report	Assignment	120
9/30/25	Post-Lab 4	Quiz	16
9/30/25	Pre-Lab 5A	Quiz	5
9/30/25	Lab #5A Report	Assignment	122
10/7/25	Post-Lab 5A	Quiz	19
10/7/25	Pre-Lab 5B	Quiz	12
10/7/25	Lab 5B- Data, Analysis & Extensions	Quiz	78
10/7/25	Lab 5B-Predictions	Quiz	16
10/14/25	Post-Lab 5B	Quiz	33
10/14/25	Pre-Lab 6	Quiz	30
10/14/25	Lab #6 Report	Assignment	140
10/21/25	Post-Lab 6	Quiz	16

Due Date	Assignment Name	Assignment Type	Points
10/21/25	Pre-Lab 7	Quiz	4
10/21/25	Lab #7 Report	Assignment	82
10/28/25	Post-Lab 7	Quiz	19
10/28/25	Pre-Lab 8A	Quiz	12
10/28/25	Lab #8A Report	Assignment	106
11/4/25	Post-Lab 8A	Quiz	19
11/4/25	Pre-Lab 8B	Quiz	17
11/4/25	Lab #8B Report	Assignment	137
11/11/25	Post-Lab 8B	Quiz	22
11/11/25	Pre-Lab 9	Quiz	14
11/11/25	Lab #9 Report	Assignment	237
11/18/25	Post-Lab 9	Quiz	23
11/18/25	Pre-Lab 10A	Quiz	10
11/18/25	Pre-Lab 10B	Quiz	5
11/18/25	Lab #10A Report	Assignment	55
11/18/25	Lab #10B Report	Assignment	77
11/25/25	Post-Lab 10A	Quiz	22
11/25/25	Post-Lab 10B	Quiz	16
11/25/25	Pre-Lab 11	Quiz	5
11/25/25	Lab #11 Report	Assignment	145
12/2/25	Post-Lab 11	Quiz	25
12/2/25	Pre-Lab 12	Quiz	48

Due Date	Assignment Name	Assignment Type	Points
12/2/25	Lab #12 Report	Quiz	52
12/9/25	Post-Lab 12	Quiz	30

Grading Scale

Grade	Percentage
A	93-100%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	73-76%
C-	70-72%
D+	67-69%
D	63-66%
D-	60-62%
E	<59%

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements.

By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)