

**PHY108 SYLLABUS – FALL semester, 2024.
Room 100**

Week	Date	Experiment Title
1	Aug 26 to Aug 30	The Millikan-Fletcher Experiment
	Sep 02 to Sep 06	HOLIDAY (LABOR DAY)
2	Sep 09 to Sep 13	Equipotential and Electric Fields
3	Sep 16 to Sep 20	DC Electrical Measurements
4	Sep 23 to Sep 27	Force between Two Current-Carrying Wires
5	Sep 30 to Oct 04	The Oscilloscope and its Use
6	Oct 07 to Oct 11	Alternating Current Circuits
	Oct 14 to Oct 18	FALL RECESS
7	Oct 21 to Oct 25	Determination of the Ratio e/m for the Electron
8	Oct 28 to Nov 01	Geometrical Optics
9	Nov 04 to Nov 08	Interference and Diffraction
10	Nov 11 to Nov 15	Determining the Refractive Index of Air

IMPORTANT NOTES

1. **Pre-Class Preparation:** You must review the text for each experiment before coming to class. The text can be found online in the Course Documents section on Blackboard.
2. **Lab Exams:** There will be four lab exams throughout the semester, each worth 5 points. Together, these exams total 20 points, which is 20% of your final grade. The remaining 80% of your grade will come from your lab work.
3. **Attendance Policy:** Attending the first two class sessions is crucial. Missing both will automatically result in being dropped from the course.
4. **Missed Labs and Makeups:** Missing one lab out of the ten scheduled labs will reduce the lab report portion of your final grade by 10%. Missing two lab exams will result in a failing grade. If you have an emergency, you must immediately contact both the lab instructor and the lab coordinator, Miguel Nieto, at miguel.nieto@miami.edu to arrange a makeup.