

# PHYSICS 1409/1430

## LABORATORY SCHEDULE — Spring 2024

Teaching Staff: \_\_\_\_\_

SECTION CODE NO: \_\_\_\_\_

| Tuesday        |              |
|----------------|--------------|
| <u>Section</u> | <u>Time</u>  |
| C              | 8:00 – 10:45 |
| D/N            | 11:00 – 1:45 |
| E              | 2:00 – 4:45  |
| F/M            | 5:00 – 7 :45 |

| <u>DATE</u>  | <u>GROUP 1</u> |         | <u>GROUP 2</u> |         |         |
|--|----------------|---------|----------------|---------|---------|
| <b>Jan</b> 23  | Day 1 Exercise | (E.320) | Day 1 Exercise | (E.323) |         |
|  | 30             | Exp 1   | (E.323)        | Exp 2   | (E.320) |
| <b>Feb</b> 6   | Exp 2          | (E.320) | Exp 1          | (E.323) |         |
|  | 13             | Exp 3   | (E.323)        | Exp 4   | (E.320) |
|  | 20             | Exp 4   | (E.320)        | Exp 3   | (E.323) |
|  | 27             | Exp 5   | (E.323)        | Exp 6   | (E.320) |
| <b>Mar</b> 12  | Exp 6          | (E.320) | Exp 5          | (E.323) |         |
|  | 19             | Exp 7   | (E.323)        | Exp 8   | (E.320) |
|  | 26             | Exp 8   | (E.320)        | Exp 7   | (E.323) |
| <b>Apr</b> 2   | Exp 9          | (E.323) | Exp 10         | (E.320) |         |
|  | 16             | Exp 10  | (E.320)        | Exp 9   | (E.323) |
|  | 23             | Exp 11  | (E.323)        | Exp 12  | (E.320) |
|  | 30             | Exp 12  | (E.320)        | Exp11   | (E.323) |
| <b><i>Make Up Lab* Wednesday, May 1 at 5:00pm (all lab sections)</i></b> |                |         |                |         |         |

\* Only for students with an approved application for attending the lab. See lab syllabus.

| <u>EXP. #</u> | <u>TITLE</u>         |
|---------------|----------------------|
| 1             | Oscilloscope         |
| 2             | Ohm's Law            |
| 3             | Kirchhoff's Rules    |
| 4             | E-Fields             |
| 5             | RC Circuits          |
| 6             | Magnetic Force       |
| 7             | AC Circuits          |
| 8             | Charge to Mass Ratio |
| 9             | Thin Lenses          |
| 10            | Radioactivity        |
| 11            | Interference         |
| 12            | Diffraction Grating  |

- **Prelabs are due at the beginning of lab. Late prelabs are not accepted.**
- For some experiments, lab reports must be turned in at the end of lab.
- For other experiments, lab reports are due at the beginning of lab the following week. For these lab reports the following rules apply:
  - Lab reports that are turned in late must be turned in at the physics office D311.
  - Do not leave late lab reports on your TA's office desk.
  - Five points per day is deducted for late lab reports.
  - A lab report that is turned in after the start of lab is one day late.
  - Lab reports more than one week late are not graded.
- When you turn in your laboratory reports, ask your TA to initial your **Lab Report Record** sheet in your lab handbook. This is a simple way to track that your reports were received.