

PHYSICS 1409/1430

LABORATORY SCHEDULE — Fall 2020

Teaching Staff: _____

SECTION CODE NO: _____

| Monday | |
|----------------|-------------|
| <u>Section</u> | <u>Time</u> |
| A | 2:30 – 5:15 |
| B | 5:45 – 8:30 |

In person labs are in either room E320 or room E323 depending on your room assignment group.

| <u>DATE</u> | <u>GROUP 1</u> | <u>GROUP 2</u> |
|---------------|----------------|----------------|
| Aug 24 | Day 1 Exercise | Day 1 Exercise |
| 31 | Exp 1 | Exp 13 |
| Sep 7 | Exp 13 | Exp 1 |
| 14 | Exp 3 | Exp 15 |
| 21 | Exp 15 | Exp 3 |
| 28 | Exp 6 | Exp 16 |
| Oct 5 | Exp 16 | Exp 6 |
| 12 | Exp 8 | Exp 18 |
| 19 | Exp 18 | Exp 8 |
| 26 | Exp 9 | Exp 22 |
| Nov 2 | Exp 22 | Exp 9 |
| 9 | Exp 10 | Exp 23 |
| 16 | Exp 23 | Exp 10 |

| <u>EXP. #</u> | <u>TITLE</u> |
|----------------------------------|------------------------------|
| In person labs: | |
| 1 | Cathode Ray Oscilloscope |
| 3 | E- Fields |
| 6 | Magnetic Force |
| 8 | Charge to Mass Ratio |
| 9 | Thin Lenses |
| 10 | Diffraction and Interference |
| Simulation (online) labs: | |
| 13 | Ohm's Law |
| 15 | Kirchhoff's Rules |
| 16 | RC Circuits |
| 18 | AC Circuits |
| 22 | The Photoelectric Effect |
| 23 | Beta Decay |

- **Prelabs (in person labs only) 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 the next in person lab. 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.