

PHYS 2102 Laboratory Schedule Fall 2009

Student will be divided into two groups.

Group A includes students with **Even-numbered** lab sections (e.g. L12, L14, L92, etc.)

Group B includes students with **Odd-numbered** lab sections (e.g. L13, L15, L93, etc.)

Please see the table below for your lab schedule for the semester.

Exp = in-class experimental activity

Sim = simulation activity which is done by the student using the Physlet Physics CD and book. Use lab notebooks to record results and observations for simulation activities.

Week beginning (Monday)	Group A activity	Group B Activity
Aug. 24	NONE	NONE
Aug. 31	Exp. 1 – Voltage, current, and resistance	NONE
Sep. 7	Sim 1 – Chap 22 (Electrostatics)	Exp. 1 – Voltage, current, and resistance
Sep. 14	Exp. 2– Series and parallel circuits	Sim 1 – Chap 22 (Electrostatics)
Sep. 21	Sim 2 – Chap 24 (Gauss’s Law)	Exp. 2– Series and parallel circuits
Sep. 28	Exp.3 – RC circuits and equivalent capacitance	Sim 2 – Chap 24 (Gauss’s Law)
Oct. 5	Sim 3 – Chap 30 (DC Circuits)	Exp.3 – RC circuits and equivalent capacitance
Oct. 12	NONE-Student Recess	NONE Student Recess
Oct. 19	Exp.4 – EMF and terminal potential difference	Sim 3 – Chap 30 (DC Circuits)
Oct. 26	Sim 4 – Chap 28 (Ampere’s Law)	Exp.4 – EMF and terminal potential difference
Nov. 2	Exp.5 – Magnetic induction and Lenz’ principle	Sim 4 – Chap 28 (Ampere’s Law)
Nov. 9	Sim 5 – Chap 29 (Faraday’s Law)	Exp.5 – Magnetic induction and Lenz’ principle
Nov. 16	Lab. Exam	Sim 5 – Chap 29 (Faraday’s Law)
Nov. 23	NONE-Thanksgiving	NONE-Thanksgiving
Nov. 30		Lab. Exam