PHYS 2630 - Elementary Laboratory I

Experiments in Mechanics, Thermodynamics, E&M, and Optics

Fall Semester 2013

Contact Information

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- Office Hours: By appointment

Expectations

My expectations of you

- Come to lab prepared.
  - Attend (or watch) the previous Friday lecture.
  - Read and review the lab manual before you come to class.
  - Do the pre-lab homework. (Type it up in LaTeX if you want practice.)
  - Bring (or have access to a pdf version of) your lab manual, a notebook, and a writing utensil.
- Contact me if you have any questions or concerns. It is my job to help you learn and succeed!

What you can expect of me

- To come on time/early to lab.
- To have gone over the lab and homework prior to your lab section.
- To make any office hours instructive.
- To have your labs graded on time each week.
- To be able to answer your questions as best I can.

Grading

- Each lab will be graded out of a possible 100 points.
  - Lecture Attendance/Viewing: 15 points
  - Pre-lab Homework: 20 points
  - Lab Journal: 15 points
  - Lab Report: 50 points
- Late labs:

$$G(t) = \begin{cases} G_0, & t = 0, \\ G(\lceil t-1 \rceil) - 10\,\Theta(\lfloor t \rfloor), & 0 < t \leq t\,(G=0)\,, \end{cases} \tag{1}$$

  where t has units of days (past the due date), G_0 is the grade received if on time, and $\Theta(t)$ is the Heaviside function.

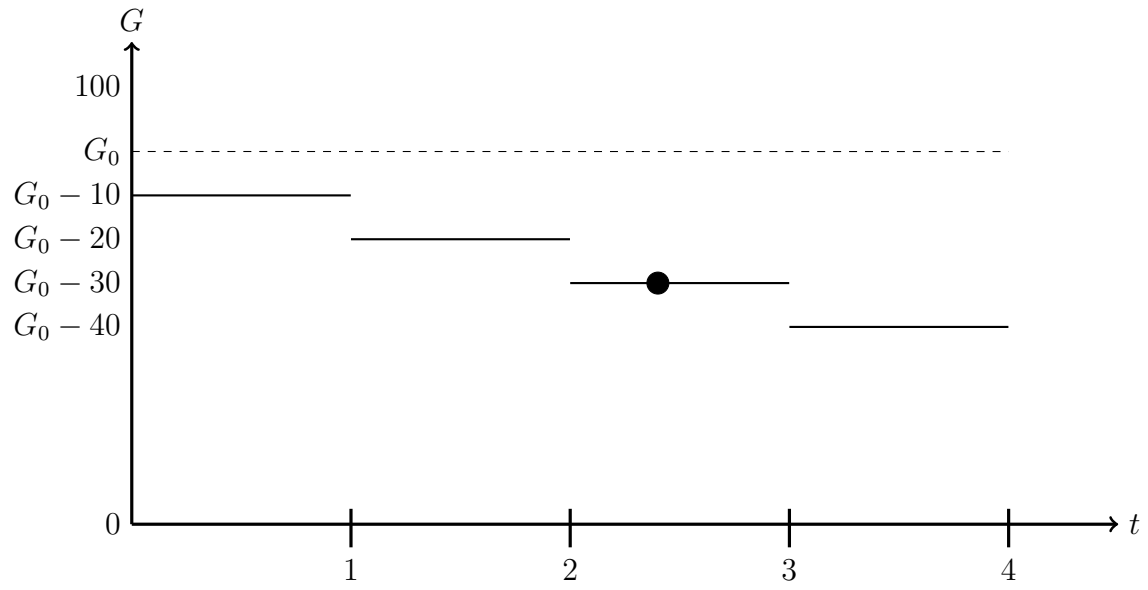

Figure 1: Plot of Eq. (1) for a $G_0 < 100$. The dot represents $G(2.4) = G_0 - 30 = G(3)$.

- **<u>REMEMBER UNITS!</u>**
- Write clearly and concisely. This is a ***skill*** that needs to be *developed* over time.
- If you have a *legitimate* question about the grading of your lab, email me to set up a time to talk about it. I will not discuss grades in class.
- If you are absent, you must provide an explanation for your absence.
  - Examples: doctor's note, note from faculty member, obituary