## **PHYS 114 HWK 1**

- 1. Download the sample data set from the web site and the sample Python code.
- 2. Convert the "XLS file" to a "TXT file."
- 3. Modify the Python program with an appropriate header and comments.
- 4. Modify the Python program to read in this data set. When you hand in your code, circle/label this part of the code.

**Due: 2/4/25** 

- 5. With the code, make/print a "journal quality" figure showing the data [as discussed in class]. When you hand in your code, circle/label this part of the code.
- 6. What are the vital aspects of a professional-quality figure?
- 7. Python is open source. What does that mean? Is that good or bad? Why? What happened between Python 2 and Python 3? Is that good or bad? Why?