The lab lectures are Monday 3:30 – 4:45. Attendance in the lecture is mandatory. During lecture, I will describe the experiment of the week and provide the necessary theoretical background. Some experiments are on topics not covered in class – for example, the ones involving geometrical optics. Therefore, lab lecture attendance is essential. There will be no lab meeting the first week, but in weeks thereafter, labs are as follows.

Week of:

Sept. 5 No lab – holiday

Sept. 12 Error analysis, review. Python Programming, review

Sept. 19 Simple and physical Pendulum

Sept. 26 No lab

Oct. 3 Coupled Pendula

Oct. 10 No lab

Oct. 17 Waves on a string

Oct. 24 Resonance tube – sound

Oct 31. Spectrum analysis, Fourier transform – sound

Nov. 7 Sonometer, Fourier transform – sound

Nov. 14 Diffraction and interference – light

Nov. 21 Spectroscopy – light

Nov. 28 Thin lenses – geometrical optics

Dec. 5 Polarization - light