Announcements

• Next week, you will again be meeting (either on Wed., April 14 or Fri. April 16) briefly with TA Sam Singer to finalize the details of your end-of-class project. In next Monday’s class (April 12) you will fill out a schedule of your available times to meet with Sam that week (on Wed. or Fri.).
• There is no class this Wed., April 7, due to advising day. Class will next meet next Monday, April 12.

Assignment for Wednesday, April 7

—NOTE: Both of the following assignments are formally due on Wednesday, April 7; however, since there is no class that day (due to advising day) you may either turn them into my mailbox located on the 6th floor of Cole on Wednesday (preferred), or in class on Monday, April 12, along with your weekly writing assignment.

• Final Project ideas due. By two weeks after Spring Break, on Advising Day, you must turn in an index card (or just a sheet of paper) that states the topic and format for your Final Project. This will allow a solid month to complete your Final Project.

• Homework Problems: Answer the following questions from your Reader, being sure to circle final answers, and put labels on any numerical answers.
Answer this question about waves: Waves in a shallow dish of water are traveling at 10 cm/s, and are 5 cm long.
   1. With what frequency are waves passing a given point?
   2. In the same dish, waves are now made with a frequency of 10 waves each second. What is the wavelength of these new waves? (hint — wave velocity in a given medium is independent of the frequency or wavelength.)

Answer these “Think and Explain” Questions from the Reader:
• p. 189 #1, 3, and 8.
• p. 201 #4.

Assignment for Monday, April 12

—A very short reading assignment for this week, so that you can concentrate on your final project ideas.
   Presents a nice description about how we came to understand what the nebulae were, through the science of spectroscopy.

Weekly Thought Question

Do you believe that life exists elsewhere in the Universe? Try your best to explain the reasons behind your choice.

(Sedna, the Inuit Goddess of the Sea, believed to live at the bottom of the Arctic Ocean.)