

Galaxy Classification Names of Group: _____
ASTR/PHYS 1060, Dan Wik, In-class activity on Oct. 29

1) Study the 8 galaxies on the screens carefully. What is the overall shape of each galaxy? Is it smooth or mottled? What else do you find notable about it? Discuss these with your group and write down a description of two of your group's favorite galaxies.

2) One of the first things astronomers do when they see new objects is to try classifying them based on their appearance. With your group, try finding a way to classify them. Try to place them in order according to some set of observable characteristics. List your galaxy order.

3) What characteristics did you base your classification on?

4) Do there seem to be any groupings of galaxies? If so, describe those groupings.

5) Now look at the two new galaxies on the screen. Try to incorporate these into your classification. Where would they go?