

This assignment is to be used as **summative** coursework. Please return to the instructor by **December 18, 2015**. This activity is associated with multiple lectures.

Instructions:

You are going to be using the microObservatory Guest Observer portal to submit a request for real astronomical observations from a real telescope somewhere in the world. This portal was created in response to the 2009 International Year of Astronomy.

Go to the website: <http://mo-www.cfa.harvard.edu/microobs/guestobserverportal/>
Using their website, read through the available activities and pick the one you find most interesting. For your chosen activity, choose two objects to observe. Click through the options making notes of what objects, exposures, and filters you choose. Enter your email address for them to send the results to you. Print out the review request page that summarizes your observations and shows your email address.

You will need to wait up to 48 hours for the telescope to take your observations and send you information on how to get your image from the internet. You should not wait until the last minute to submit your observations or you will not get your results back before the deadline.

Once you receive your images, choose one of the suggestions for analysis on your activity's page. For example on the Black Hole Search activity page, it is suggested that you compare your images to images of the same object by other observatories. Provide a short (500 words or less) analysis of your image.

To be turned in:

1. this cover sheet,
2. your printed Review Request page showing your observations and email address,
3. your printed images that you get back from the observatory (they do not need to be in colour),
4. your short (500 words) analysis of your images.