

# ASTR 110 M01

Fall 2009

**TA: M.J. Clark**

**My Office: Astronomy 220**

**Meeting Time: Monday 12:30-2:30**

**My Office Hours: Wednesday 1:30-2:30 and Thursday 12:00-1:00 or by appointment**

**Meeting Place: BX 102**

**My e-mail: thegeek at nmsu dot edu**

What you need to do:

- 1. Come to lab!** There will be no make-up labs. Remember lab counts as 25% of your total grade.  
Note: If you have a legitimate excuse and speak to me ahead of time, it may be possible to attend another lab session for that week. The lowest “indoor” lab score will be dropped.
- 2. Come prepared to lab!** This means reading the lab manual before lab each week. If this becomes an issue, I will initiate weekly pre-lab quizzes.
- 3. Bring Supplies!** You will need a calculator that can take square roots and perform trigonometric functions. You will also need a pencil, your lab manual, and extra paper.
- 4. Turn off your cellphone!**
- 5. Write up the lab!**

Each group should turn in one copy of the lab report completed during lab (65 pts).

Each person should turn in a lab summary (35 pts).

The lab summary must be one double spaced page typed, using a legible 12 point font and standard margins. Also, the summary should be in paragraph form with complete sentences and proper spelling. The lab summary questions found at the end of each lab report must be answered as part of the lab summary.

While I do encourage discussion among peers, the lab summary must be in your own words. Plagiarism as defined by the Student Code of Conduct will not be tolerated. This means that you may not copy word for word the lab manual, your peers, or any outside source.

Lab reports and summaries are due at the beginning of the next lab period. Late work is accepted at my discretion and only if communication occurs by the due date. I will not accept late work that is turned in with the current assignment. If you do not come to lab, your lab write-up is still due and late penalties will still apply. This means that you should make sure the person with the lab report comes to lab.

## **6. Go to the Campus Observatory!**

You will visit the campus observatory twice during the semester, observing four objects at each session. Bring to the observatory the four observing sheets located at the back of your lab manual. These will need to be stamped in order to prove attendance. You will also need to obtain one fact about each of the objects and cite them. The first set of observing sheets will be due Oct 19 and the second will be due Dec 7 (During the Final). It is best to take care of this early to avoid the risk of the observatory being closed due to the weather. Check out the observatory website for the scheduled observing times and directions.

# Lab Schedule

Date	Lab	
Aug 31, 2009	Introduction	
Sep 14, 2009	Spectroscopy	
Sep 21, 2009	Our Sun	
Sep 28, 2009	Parallax	
Oct 5, 2009	HR Diagram	
Oct 12, 2009	Moon	
Oct 19, 2009	Seasons	Observation Sheets Due
Oct 26, 2009	Comets	
Nov 2, 2009	Galaxy Morphology	
Nov 9, 2009	The Hubble Law	
Nov 16, 2009	How Many Galaxies?	
Nov 30, 2009	Review Session	
Dec 7, 2009	Final	Observation Sheets Due