

Astronomy 105 Lab Syllabus
Spring 2015
Section M03

Lab TA: Kathryn Steakley

TA Email: steakley@nmsu.edu

Lab Class Website: <http://astronomy.nmsu.edu/steakley/astr105>

M03 Lab Time: Monday 12:30 - 2:30pm, Walden Hall Room #232

Class meets MWF 9:30 - 10:20am, Biology Annex Room #102

TA Office: Astronomy Building #107

TA Office Hours: Mondays 10:30 - 11:30am, Tuesdays 1-2pm

Lab Manual

You can purchase the lab manual at Fedex Kinkos at University Ave and Espina Street, or you can print out the labs from the class or lab websites. (<http://astronomy.nmsu.edu/steakley/astr105>)

How Labs Work

Print out and read the lab before coming to class. There will be weekly quizzes to motivate you to read the lab. You will work in assigned groups to complete the assignment. Labs consist of a teamwork section (worth 65 points) and a take home section (worth 35 points). One person from your group must turn in a copy of the *team work section* with the names of all group members on it by the end of the lab section. Each person must turn in their *individual take home section* by one week after the lab is completed. You are welcome to turn in the take home section by the end of the lab if you finish early. Always show your work and include units.

Even though your group will only turn in one copy, everyone should print out and complete their own copy of the lab. If your copy of the lab is the one being turned in, write your answers on a separate sheet of paper so that you can complete your take home section.

Attendance is Mandatory

Lab attendance is mandatory. We do not offer make up labs after the fact. Let me know ahead of time if you are going to miss a lab and we will find a solution on a case by case basis.

Late Work

Late work will not generally not be accepted. Talk to me if extenuating circumstances prevent you from completing an assignment on time.

Come prepared

Bring a pencil and a scientific calculator. Print out the lab and read it before coming to class. There will be weekly quizzes to ensure that you read it. See the schedule on the next page for a list of what labs we will do each week. A PDF of the lab manual is on the website.

Absolutely no plagiarism

We encourage people to work together to complete homework assignments, but remember that each person must write their own answers in their own words and do their own math calculations. You may not turn in work that is identical to another students' work. You may not copy sentences or descriptions directly from the internet or textbook without citing a source. For class assignments, please site your sources like this:

"Cited material in quotation marks." -Author, website/article/book title, website URL

Plagiarism will result in a zero for your work; repeated instances of plagiarism will result in a zero for the class and a letter to the Dean. Be aware of the Student Code of Conduct.

Lab Schedule:

Take Home	Lab #1 Tools for Success
Jan 26	Lab #7 Density
Feb 2	(<i>Meet at Football Stadium, NOT Walden Hall</i>) Lab #6 Scale Model of Solar System
Feb 9	Lab #2 The Origin of Seasons
Feb 16	-----NO LAB, MIDTERM-----
Feb 23	Lab #3 Phases of the Moon
Mar 2	Lab #11 Surface of the Moon
Mar 9	Lab #8 Estimating Earth's Density
Mar 16	Lab #14 Surface Water Flow Features on Mars
Mar 23	-----NO LAB, SPRING BREAK-----
Mar 30	Lab #15 Volcanoes on Io
Apr 6	Lab #17 An Eclipsing Extrasolar Planet
Apr 13	Lab #16 Building a Comet
Apr 20	Lab #18 The Sun
Apr 27	Lab #19 Review Lab