

Astronomy 1400 Fall 2017 Lab Schedule

<u>Week</u>	<u>Date</u>	<u>Topic and Experiment</u>
I	9/11 – 9/14	Basic Notions: Introduction to Astronomy 1400
II	9/18 – 9/21	Lunar Phase Simulator
III	9/25 – 9/28	Solar Physics
IV	10/2 – 10/5	Planetarium Lab
V	10/9 – 10/12	Retrograde Motion of Mars
VI	10/16 – 10/19	Measuring the Mass of Jupiter
VII	10/23 – 10/26	Studying the Moon's Surface
VIII	10/30 – 11/2	Ices and Water on Mars
IX	11/6 – 11/9	Detection of Exoplanets
X	11/13 – 11/16	Build a Telescope
XI	11/20 – 11/23	Thanksgiving Break
XII	11/27 – 11/30	Grade Return

OFF CAMPUS LABS

Constellation Lab

Lunar Lab

Viewing Lab

LAB FINAL 11/29, 11/30

Astronomy 1400 Lab Includes:

- A series of nine indoor labs, with associated quizzes, that you will complete during the lab times scheduled in Sc 121.
- One visit to the TTU Moody Planetarium.
- Lab Final. Location TBA
- Three outdoor evening observing sessions with associated pre-labs at the Texas Tech observatory.

This lab is a required adjunct to Astronomy 1400. Attendance to the lab is crucial. **All work will be completed at the time of the lab/viewing session and turned in before you leave.**

The labs held in Sc 121 are designed to be interesting and challenging—please be sure to read over the lab to get the basic idea beforehand! If you are more than 10 minutes late to your lab in Sc 121 or 15 minutes late for your observing session, you will be sent home.

You must have your lab manual in order to complete your work. **Students who do not have their manual will not be allowed to stay and complete the lab.**

Any student, who, because of a disability, may require special consideration in order to meet the course requirements, should contact the instructor as soon as possible to make any necessary arrangements. Students should present appropriate verification from Student Disability Services during lab time. Please note: instructors are not allowed to provide classroom accommodations to a student until appropriate verification from Student Disability Services has been provided. For additional information, please contact Student Disability Services in West Hall or call 806-742-2405.

Students will foster a spirit of academic integrity, and they will not present work as their own that was not honestly performed by them. Penalties range from a 0 for the day's work to an F for the overall course.