

Astronomy 1400 Spring 2009 Lab Schedule

Week	Date	Topic and Experiment
I	Jan 12 - 16	General Introduction Understanding the Globe Starry Nights Lab I (Begin)
II	Jan 19 – 23	NO LAB THIS WEEK
	Jan 25	Last day to sign up for observing sessions
III	Jan 26 – 30	Starry Nights Lab I (Finish) Phases of the Moon Eclipses Moon Observation Take Home Lab (due Mar 9-13)
IV	Feb 2 – 6	Retrograde Motion of Mars Starry Nights II: Planet motions
V	Feb 9 - 13	The Lunar Lab: Studying the Moon's Surface
VI	Feb 23 – 27	Planetarium Lab (Meet at Planetarium)
VII	Mar 2 – 6	Water on Mars: Past and Present
VII	Mar 9 - 13	the Surfaces of the Galilean Moons Lunar Phases: Take Home Lab is DUE
VIII	Mar 16 – 20	SPRING BREAK
IX	Mar 23 - 27	NO LAB THIS WEEK
X	Mar 30 – Apr 3	Sunspots
XI	Apr 6 – 10	Make-up Lab, Last days to turn in any work

1. This lab is the required adjunct to the Astronomy 1400 lecture course. Each lab consists of a short explanation followed by lab exercises. The lab exercises and lab write-up should be completed during lab time if possible. If you do not finish the write-up during the lab period you must take it home and finish it by the beginning of the next week's lab. There will be one lab which will meet at the TTU planetarium. Please be careful to listen for times when your lab will meet at the planetarium.
2. In addition to the labs in the lab room, there will be 3 labs conducted at the off-campus observatory. There will be sign up sheets for attendance at these labs. Forms for recording your observing sessions are available at the observatory. Once you have completed all the requirements at the observatory, your lab sheets **MUST** be signed by one of the assistants. If you do not you will **NOT** get credit for the lab. **PLEASE NOTE. Since you will be completing three labs at the observatory, there will be one week of labs in the lab room which has been dropped. You do not need to attend the lab on this date. Also the lab has been shortened by one week to help compensate for the observatory time.**
3. There is a take-home lab are assigned in the attached lab schedule in addition to the in-class and observatory experiments. It is due on the date specified in the schedule and consists of activities that require observations by you of the day-or night-time sky. Please be sure that you understand the requirements for this take-home assignment when it is first assigned. The take-home lab grade **CAN NOT** be dropped.
4. Students are permitted to miss one lab during the semester. Anything beyond one missed lab must be made up within two weeks of the assignment. If you know in advance that you will miss a lab, please see your lab instructor to reschedule. For information regarding opportunities for extra credit and to replace a missed of two lab grade, please see your lab instructor.
5. Your final lab grade will be worth 25% of your final grade in Astronomy 1400. The remaining 75% will come from the lecture portion of the course.
PLEASE NOTE: If you miss more then THREE labs (including in-class and observatory labs) you will receive an "F" for the entire four credit hour course, regardless of the grade you are receiving in the lecture component. Lab attendance is crucial!!!!