

## Astronomy 1401 Spring 2018 Lab Schedule

<u>Week</u>	<u>Date</u>	<u>Topic and Experiment</u>
I	1/22 – 1/26	WEEK OF NO LABS.
II	1/29 – 2/2	Introduction to ASTR 1401 Laboratory.
III	2/5 – 2/9	Extending the Scale
IV	2/12 – 2/16	Parallax
V	2/19 – 2/23	Spectroscopy
VI	2/26 – 3/2	Hertzsprung-Russell Diagram
VII	3/5 – 3/9	WEEK OF NO LABS
VIII	3/12 – 3/16	SPRING BREAK.
IX	3/19 – 3/23	Calculating the Lifetime of the Sun
X	3/26 – 3/30	Ages of Star Clusters
XI	4/2 – 4/6	Variable Star Photometry
XII	4/9 – 4/13	Galaxy Classifications
XIII	4/16 – 4/20	The Cosmic Distance Ladder
XIV	4/23 – 4/27	Grade Return

OFF CAMPUS LABS: Naked Eye Observing  
Observing with a Telescope

## Astronomy 1401 Lab Includes:

- A series of nine indoor labs, with associated pre-labs, your pre-lab must be completed prior to coming to lab.
- Two outdoor evening observing sessions with associated pre-labs at the Texas Tech observatory. You will sign up for these sessions on the astronomy website and there are several dates for each lab so you can find one that matches your schedule.

This lab is a required adjunct to Astronomy 1401. 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 15 minutes late to your lab in Sc 121 or 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, or have not completed their pre-lab exercise 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 preformed by them. Penalties range from a 0 for the day's work to an F for the overall course.**