

Stellar Astronomy Lab – Fall 2009
Lab Schedule

Lab 1	Sept. 9 -10	Observing Properties of Stars: An Introduction
Lab 2	Sept. 16 - 17	Scaling the Universe
Lab 3	Sept. 23 - 24	Light and Spectra
Lab 4	Sept. 30/Oct. 1	Lifetime of the Sun
Lab 5	Oct. 7 - 8	<u>NO IN CLASS LAB: Constellation Lab</u> Oct. 8
Lab 6	Oct. 14 - 15	H-R Diagrams
Lab 7	Oct. 21 - 22	Distance to the Pleiades
Lab 8	Oct. 28 – 29	Ages and Distances to Star Clusters
Lab 9	Nov. 4 – 5	<u>NO IN CLASS LAB: Telescope Lab</u> Nov. 5
Lab 10	Nov. 11 - 12	SDSS Basic: Spectral Types SDSS Lab1
Lab11	Nov. 18 - 19	SDSS Basic: Galaxies SDSS Lab 2

1. This lab is the required adjunct to the Astronomy 1401 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.

2. In addition to the labs in the lab room, there will be 2 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.

3. Your final lab grade will be worth 25% of your final grade in Astronomy 1401. The remaining 75% will come from the lecture portion of the course.

PLEASE NOTE: If you make less than a 60 in the lab 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!!!