Instructor: Tony Wald  
e-mail: awald@utk.edu  
Office Hours:  11:00-12:00 Monday in Nielsen 603  
11:30-12:30 Tuesday in Nielsen 603

Description of Course:  
This is an introductory astronomy laboratory. Your goal is to gain an understanding of astronomy principles in an applied setting through experiment. This lab is the accompaniment to ASTRONOMY 161 and will closely match the material covered in that class. Topics to be covered include Sky Maps, Stars and Constellations, the Telescope, Sundial Construction and Apparent Solar Time, the Revolution of Jupiter’s moons, and Lunar and Planetary Phases.

Required Materials:  
The required lab manual is:  *A Laboratory Textbook for Introductory Astronomy* by Dr. Kermit E. Duckett, and can be obtained through the University Bookstore. You will need to bring pencils/pens, your lab manual, and a calculator for every lab.

Lab Reports:  
For each lab you will complete the answers and record collected data in the lab answer sheet. This includes any required graphs of data collected. Completed answer sheets will be handed in at the end of each lab period.

Attendance and Grading:  
Attendance is MANDATORY for every lab. At the beginning of the lab, a 10-minute quiz will be given covering the previous lab material and possibly concepts from the current lab. If you are more than 10 minutes late for the lab, you will get a zero on the quiz. Moreover, you will lose 10% of the day’s lab grade. The next time merits a 20% deduction, and so forth. You MUST turn in a lab answer sheet at the end of each lab session. A laboratory final exam will be given at the end of the semester. Questions and problems related to the lab experiments comprise the final exam. Grade structure is as follows: Lab Reports are 50% of your grade, Quizzes are 25%, and the Lab Final is worth the other 25%. Grading scale: 100-90 = A, 89-80 = B, 79-70 = C, 69-60 = D, 59-0 = F.

Students who are in any way disruptive (this includes cell phones/pagers) or are not prepared for the lab may be asked to leave and will subsequently be dropped from the class. If you know ahead of time you will miss a lab session, you can always make it up during my other lab session Wednesday 8:00-9:55 in Nielson 507, but you still need to inform me BEFORE your Monday lab begins. Late work will not be accepted and will receive a zero grade. **IF YOU MISS ONE LAB AND/OR DO NOT TURN IN THE ANSWER SHEET AT THE END OF THE LAB SESSION YOU WILL AUTOMATICALLY RECEIVE AN INCOMPLETE FOR THE COURSE.** This is departmental policy and I will accept NO EXCUSES.

Exam Date:  
Final Exam: November 8, 8:00-9:55

Students who have a disability that requires accommodation(s) should make an appointment with the Office of Disability Services (947-6087) to discuss their specific needs.

The University Honors Statement will be strictly adhered to and can be found at the following site: [http://diglib.lib.utk.edu/dlc/catalog/images/u/2004/u_app.pdf](http://diglib.lib.utk.edu/dlc/catalog/images/u/2004/u_app.pdf)