**ASTRONOMY 10L**  
**ASTRONOMY LAB**

**Instructor:** John Beck  
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**Course Description:**  
This lab provides hands on experience in Astronomy, including making observations of celestial objects and calculating results based on them. Students work in lab groups of five or six (since the calculations require math skills up to pre-algebra be sure to include a math person in your group). Some observations must be made outside of class hours so you will have arrange to do these as a group. Since we will be observing on the field at night, please bring warm clothes and sturdy shoes (which may get muddy).

**Textbook:** None

**Assignments:**  
This lab class has no exams; only lab work. For most labs you will turn in a short write up, however, some labs will have a formal lab report submitted by the group. Most assignments may be sent by e-mail however, it is your responsibility to confirm that I have received your submission and they must be formatted correctly (as MS Word Documents or PDF files unless otherwise instructed). When in doubt ask me. Each assignment has a due date: some assignments cannot be accepted late; the other assignments are subject to a penalty of 10% per week (or part of a week) past the deadline. If you have to resubmit your lab, the late penalty is determined by the receipt of the final submission. All work must be turned in by the end of the 11th week (i.e. before finals week) – any work submitted after that deadline may not be accepted.

**Grading:**  
Each lab is worth a number of points - the class grade depends on percentage of total possible points:  

A --- 90% - 100%  
B --- 80% - 89%  
C --- 70% - 79%  
D --- 60% - 69%  
F --- 0% - 59%

(If you bring a red or green flashlight on nights we go observing you will get a bonus point)

**Cheating:**  
If your lab appears to be “faked” (i.e. evidence you present shows that you did not perform the required activities) you will receive no credit for it. If labs from two or more students appear to be copied none will receive credit. In short: Don't cheat and don’t let anyone cheat off of you.

**I Shouldn't Have To Tell You This:**  
This is college and you are adults - you are responsible for doing your work and turning it in. If you miss a class you should obtain copies of the materials as soon as possible – but do not expect an extension for turning it in. Sometimes class gets out early, if you are late you may miss the entire class. Silence cell phones during class (this is also proper etiquette for dinners, movies, concerts, weddings and funerals) – if your electronic device disrupts class you must bring treats to the next class.

20-Sep-08