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

**Instructor:** John Beck  
**E-mail:** beckjohn@fhda.edu  
**Web Site:** [http://www.foothill.edu/psme/staff.php?s=1&rec_id=938](http://www.foothill.edu/psme/staff.php?s=1&rec_id=938)

**Course Description:**  
This course provides hands on experience in Astronomy, including making observations of celestial objects and calculating results based on them. Students work in groups of five or six and make observations – sometimes outside of class hours. Since we will be observing on the athletic field at night, be prepared and bring a red or green flashlight, warm clothes and sturdy shoes (note your shoes may get a little muddy).

**Textbook:** *None*

**Assignments:**  
This course has no exams, only lab assignments. You will turn in individual work for all assignments and the group will submit reports for some assignments. Each assignment has a due date and will be penalized by 10% per week (or part of a week) past the deadline – this applies to both individual and group reports. The late penalty is determined by the receipt of the final submission (in cases where the work must be resubmitted). Note: some assignments may not be accepted late and no work will be accepted after the date of the final exam.

All work (either individual or group reports) must be submitted complete and bound – no partial submissions or loose papers will be accepted. Turn in all observation logs with the information written legibly (if your notes are messy, attach another sheet with the information presented neatly). Answers to questions and discussion should be written neatly, clearly and in complete. All diagrams and drawings should be done as neatly as possible. If I cannot read it – or decipher it – then it is wrong!

**Grading:**  
Your grade is based on individual assignments (50%), group assignments (25%) and class participation (25%). It is determined by percentage of total possible points, according to this scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Point Percentage</th>
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</thead>
<tbody>
<tr>
<td>A's</td>
<td>90% - 100%</td>
</tr>
<tr>
<td>B's</td>
<td>80% - 89%</td>
</tr>
<tr>
<td>C's</td>
<td>70% - 79%</td>
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<tr>
<td>D's</td>
<td>60% - 69%</td>
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<tr>
<td>F's</td>
<td>0% - 59%</td>
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**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 no one 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, do not expect an extension and check online for copies of the materials. Sometimes class will get out early or will go to the athletic field for observations so don’t be late. Silence cell phones and other electronic devices 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.

5-Apr-10