Astronomy 162 (sec. 002) Lab Syllabus
LAB: Friday 10:10-12:05 room 507

Lab Instructor: Austin Guynes
Office Hours: Monday 12:15-1:15 Wednesday 12:30-1:30 r603
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Text: A Laboratory Textbook for Introductory Astronomy 7th Ed.

Grading:

Lab Participation/Data Sheets: 80%
Lab Final: 20%

Schedule:

8/29 The Moon’s Orbit (Ex. 12)
9/5 Introduction to Meade 8” LX200 Telescope
9/12 Spectral Properties (Ex. 18)
9/19 Photoelectric Properties of the Pleiades (CLEA 4)
9/26 Classification of Stellar Spectra (CLEA 5)
10/3 The Solar Constant (Ex. 15)
10/10 Fall Break-No Lab
10/17 Cosmic Distance Scale (Ex. 24)
10/24 Hubble Redshift Relation (Ex. 26)
10/31 *T4 Telescope Lab (Evening lab offered throughout semester)
11/7 Color Astrophotography (T4) (in class using Adobe Photoshop)
11/14 Make-up Lab
11/21 Lab Final Exam
12/02 Classes End

*Telescope Lab (Night time observation lab with Telescopes on the roof)

- You must complete the evening Telescope Lab sometime throughout the semester before November 7.
- You must sign up for an evening time to conduct the T-Lab.
- It is suggested that Telescope Lab be completed early in the semester.
- T-Lab must be completed before you can begin any Extra Credit Labs

*Fine print: Instructor reserves the right to modify this syllabus as needed throughout the course of the semester.