Astronomy 162 (sec. 003) Lab Syllabus
LAB: Wednesday 2:30-4:25 r507

Lab Instructor: Austin Guynes
Office Hours: Monday 12:15-1:15 Tuesday or Thursday 12:30-1:30 r603
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Phone: 865-405-1986

Text: A Laboratory Textbook for Introductory Astronomy 7th Ed.

Grading:

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

Schedule:

1/16    The Moon’s Orbit (Ex. 12)
1/23    Spectral Properties (Ex. 18)
1/30    Photoelectric Properties of the Pleiades (CLEA 4)
2/6     Classification of Stellar Spectra (CLEA 5)
2/13    The Solar Constant (Ex. 15)
2/20    Cosmic Distance Scale (Ex. 24)
2/27    Hubble Redshift Relation (Ex. 26)
3/5     Data Reduction-Color Astrophotography (T4)
3/12    Spring Break-No Labs
3/19    Spring Break-No Labs
3/26    Data Reduction-BVI Photometry (T5)
4/2     Lab Final Exam
4/9     Make-up Lab
4/25    Classes End

T-Labs (Telescope Labs)

You must complete both assigned T-Labs (Night time observation labs with the telescopes.)

You must sign up for a time to conduct the T-Lab.

T-Labs must be completed before you can begin any Extra Credit Labs

It is suggested that T-Labs be completed early in the semester.

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