Astronomy 162 (sec. 006) Lab Syllabus
LAB: Wednesday 4:40-6:35 r507

Lab Instructor: Austin Guynes
Office Hours: Monday 12:15-1:15 Tuesday or Thursday 12:30-1:30 r603
E-Mail: wguynes@utk.edu
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.