Introduction to Astronomy Lab  
PHYSICS 203

Time: Thursday 5:20-6:20 and 6:30-7:30  
Location: Varies by lab (Science Rm. 206, COE 319)  
Contact Information: Dr. Mark Elison  
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Office Hours: by appointment

Expectations: This course is designed to complement Introduction to Astronomy, Physics 201. The course will focus on application and analysis of astronomical methods. Observation (personal and computer assisted) and measurement in astronomy will be covered and their physical basis introduced. Some labs will be entirely done during the scheduled lab times and some will require time out of class. Lab activities and write-ups will be due the following week unless otherwise determined. The final grade will be based upon lab activities/write-ups. There will be no lab final exam.

SCHEDULE

Jan. 14th  Locating Items in the Night Sky (COE 319)  
Jan. 21st  Centripetal Motion (Sci. Rm. 206)  
Jan. 28th  Nineplanets.com (Individual Assignment)  
Feb. 4th  Nineplanets.com (Individual Assignment)  
Feb. 11th  Motions of the Moon (Sci. Rm. 206)  
Feb. 18th  Parallax (Sci. Rm. 206)  
Feb. 25th  Impacts (Sci. Rm. 206)  
March 11th  Telescopes, Optics, Lenses (Sci. Rm. 206)  
March 18th  Zodiac and Constellations (COE 319)  
March 25th  Sun Spots and Solar Rotation (COE 319)  
April 8th  Spectral Analysis (Sci. Rm. 206)  
April 15th  Hubble’s Law (COE 319)  
April 22nd  Hubble’s Law (COE 319) continued