

Astronomy 1010: Astronomy I Laboratory Schedule — Fall 2008

Week	Outdoor Lab	Indoor Lab
August 25 (Brown Hall 264)	– Start Lab 4 and/or 25 this week	Lab 3: Phases of the Moon
September 1	No Laboratory	(Labor Day)
September 8 (Observatory)	–	Lab 17: Asteroid Orbit
September 15 (Planetarium)	—	Lab 1: Constellations I
September 22 (Observatory)	Lab 2: Constellations II	Lab 10: Planetary Mass via Computer
September 29 (Planetarium)	–	Lab 19: Navigating by the Stars (Indoors)
October 6 (Observatory)	Lab 2 (if not done) Lab 22: Deep Sky Objects	Lab 10 (if not done) Lab 15: Telescopes at Different Wavelengths
October 13	No Laboratory	Fall Break
October 20 (Brown Hall 264)	—	Lab 13: Spectral Analysis
October 27 (Observatory)	Lab 2 or 22 (if not done)	Lab 10 or 15 (if not done) Lab 14: Galilean Moons
November 3 (Brown Hall 264)	—	Lab 24: Mirrors
November 10 (Observatory)	Lab 2, 22, or 21 (if not done) Last week to submit Lab 4/25	Lab 10, 15, or 14 (if not done) Lab 23: Lenses
November 17 (Brown Hall 264)	–	Lab 20: Impact Analysis
November 24	No Laboratory	Thanksgiving
December 1	No Laboratory	

The Astronomy Laboratory Schedule above is **SUBJECT TO CHANGE**. Please note that the **LOCATION** of the lab varies from week to week (see first column), meeting either in Brown 264, at the Observatory, or at the Planetarium. See the attached maps for directions. While at the observatory, the outdoor labs will take priority over the indoor labs. Should clouds prevent the outdoor lab from being attempted, the indoor lab will be performed in its place. (The Sun will still be out during the first observatory lab, so we will be doing an indoor lab that evening). There will be a total of 11 meeting times throughout the semester. A total of 10 labs must be done for full credit of the lab component of the course. The 11th lab will be considered extra credit. **Students MUST do at least 8 labs to pass the course.** You may also submit **one or both**

of the *take-home* labs (lab 4 or 25) for additional extra credit. **The take-home labs must be submitted by the week of November 10 to receive credit. Note that students can do no more than 12 labs total for credit.** There are **no** individual make-ups for the lab. If you miss a lab, the 11th evening lab or one of the take-home labs can be used as a make-up.