

Astronomy 1010: Astronomy I

Laboratory Schedule — Fall 2004

Week	Outdoor Lab	Indoor Lab
August 30 (Brown Hall 264)	– Start Lab 23 or 26 this week	Lab 28: Phases of the Moon
September 6	No Laboratory	(Labor Day)
September 13 (Observatory)	–	Lab 15: Asteroid Orbit
September 20 (Planetarium)	—	Lab 1: Constellations I
September 27 (Observatory)	Lab 2: Constellations II	Lab 8: Planetary Mass via Computer
October 4 (Planetarium)	–	Lab 17: Navigating by the Stars (Indoors)
October 11 (Observatory)	Lab 20: Deep Sky Objects	Lab 8 (if not done) Lab 27: Interplanetary Spacecraft
October 18	No Laboratory	Fall Break
October 25 (Brown Hall 264)	—	Lab 11: Spectral Analysis
November 1 (Observatory)	Lab 19: Astronomical Imaging	Lab 8 or 27 (if not done) Lab 10: Planetary Survey
November 8 (Brown Hall 264)	—	Lab 22: Mirrors
November 15 (Observatory)	Lab 2, 20, or 19 (if not done) Last week to submit Lab 23/26	Lab 8, 27, or 10 (if not done) Lab 12: Galilean Moons
November 22	No Laboratory	Thanksgiving
November 29 (Planetarium)	–	Lab 18: Extrasolar Planets
December 6	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** of the *take-home* labs (lab 25 or 26) for additional extra credit. **The take-home labs must be submitted by the week of November 15 to receive credit.** In addition, a special day-time make-up lab **Lab 7: Radio Astronomy** can be done on either **Friday December 3** or **Saturday December 4** at **2:30 PM** at the Observatory. Note that students can do no more than **12 labs total** for credit.