**Astro 50 Lab Master Schedule**

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| **Week of** | **Section 01** | **Section 02** | **Section 03** | **Journal** |
| **4-Apr** | **Lab 1: Size and Rotation Period of Earth** | **Lab 1: Apparent Motion of the Sun.** | **Lab 1: Mapping Orbits of Mars and Jupiter** |  |
| **11-Apr** | **Analysis of Lab 1. Report1 Due 17-Apr**  **Start Lab 2: Charting Moon’s Orbit and Lunar Phases** | **Discuss lab 1 -- optional** | **Discuss lab 1. Start Lab 2: Size and Distance of Sun.** |  |
| **18-Apr** | **Discuss Lab 2** | **Discuss Lab 1.**  **Do Lab 2: Size and Distance of the Moon: Report2 Due 24-Apr** | **no meeting** | **Diameter and Rotation Period of the Earth (S01)** |
| **25-Apr** | **optional meeting** | **meet to discuss and plan schedule of Lab 3.** | **Discuss Lab 1**  **Plan schedule of Lab 3**  **Lab 2 analysis,**  **Report2 Due 1-May** | **Diameter and Distance of the Moon (S02)** |
| **2-May** | **optional meeting** | **no meeting** | **Discuss Lab 1**  **Start charting Mars, meet at 9:30 pm**  **Do Lab 3: Shape of Mars’ Orbit, Report3 Due 8-May** | **Size and Distance of Sun (S03)** |
| **9-May** | **Morning: Transit of Mercury Obs. (optional)**  **Evening: Lab 3: Telescopic Observations**  **Restart: charting Moon’s position** | **Mon Morning: Transit of Mercury Obs. (optional)**  **Lab 1 analysis, Report1 due 15-May**  **Evening: Lab 3--Telescopic Observations + Lab 4-- Distances of Mars and Saturn** | **Mon Morning: Transit of Mercury Obs. (optional)**  **Evening: Lab 4: Telescopic Observations** | **Shape of Mars’ Orbit (S03)** |
| **16-May** | **Analysis of Lab 2. Report2 Due 22-May**  **Analysis of Lab 3: Report3 Due 3-Jun**  **Do Lab 4: Masses of Earth, Sun, and Jupiter: Report4 Due 30-May** | **Analysis of Lab 3: Report3 due by June 3**  **Lab 4 continued (in eve), Report4 due May 29** | **Discuss lab 1.**  **Report1 Due 29-May**  **Discuss Lab 4: Report4 due 3-June** | **Apparent Motion of the Sun (S02)** |
| **23-May** |  |  |  | **Periods of Moon’s Orbit & Phases (S01);** |
| **30-May** |  |  |  | **Masses of Earth, Sun and Jupiter (S01);**  **Distances of Mars and Saturn (S02);**  **Retrograde Motion of Mars (S03)** |