

Week 1: Class introductions, the night sky, what is a planet, motions within the celestial sphere

Week 2: The Copernican Revolution, Galileo, Kepler, Newton, Gravity

Week 3: Chemistry of the Solar System, Weighing the planets

Week 4: Terrestrial Planets

Week 5: Jovian Planets

Week 6, Comets, asteroids, dust and magnetic fields

Week 7: The Sun

Week 8: Exoplanets: Discovery and Characterization

Week 9: Formation of planetary systems

Week 10: Special Topics I (presented by Students)

Week 11: Special Topics II (presented by Students)

Week 12: The Kepler mission, Earth analogues, Habitable planets, SETI