

Astro A1000 Schedule (*exam/quiz dates subject to change*)

10:30 to 11:45 on Tuesday & Thursday
Purdue Indianapolis

Fall 2024

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<i>Week of</i>	<i>Topics</i>
Mon, Aug 19	Scientific Notation, Scale of the Universe The Big Picture, Light-year, Distances, Chap 1 Earth's Seasons
Mon, Aug 26	Phases of Moon, Chap 2 Quiz 1, History of Astronomy, Chap 3 Newton's Laws
Mon, Sep 2	Conservation Laws, Chap 4 Quiz 2, Tidal Forces Physics of Light
Mon, Sep 9	Physics of Matter, Chap 5 Quiz 3, Wavelength, Doppler Shift Overview of Solar System
Mon, Sep 16	Sun Introduction, Chap 7 Quiz 4, Planets Introduction/Overview EXAM 1 , Thur (9/19), covers all material to date (bring pencil)
Mon, Sep 23	Solar System Evolution, Chap 8 Jovians, Terrestrials Quiz 5, Geology of Terrestrials
Mon, Sep 30	Mercury, Venus, Chap 9 Mars, Moon Quiz 6, Atmospheres of Terrestrials

<i>Week of</i>	<i>Topics</i>
Mon, Oct 7	(Thur only) Mercury, Venus, Chap 10 Mars, Moon Jovians
Mon, Oct 14	Quiz 7, Moons of the Jovians, Chap 11 Rings of Saturn
Mon, Oct 21	Quiz 8, Asteroids Comets, Chap 12 Kuiper Belt, "The Big One"
Mon, Oct 28	EXAM 2 , Tue (10/29), covers material following Exam 1 (bring pencil) Beyond our Solar System, Chap 13 Detecting other Planets
Mon, Nov 4	Sun Dynamics of Sun, Chap 14 Four Fundamental Forces
Mon, Nov 11	Sun's Energy Nuclear Physics: Fission, Fusion Life-cycle of Sun
Mon, Nov 18	Einstein's Theory of Gravity The Special and General Theories Shift of the Perihelion of Mercury
Mon, Dec 2	Origin of Universe, Big Bang Infinite Universe? EXAM 3/Final , Thur (12/5), covers material after Exam 2 (bring pencil)
Mon, Dec 9	Finals Week: Final? (if we have it: date/time TBD) (Details provided later in the semester)