

Course Schedule

Class Week #	Dates of the week	Pre-class reading & topics covered in class, and pre-class SaplingPlus LearningCurve assignments <u>LearningCurves due: 1 hour before class: Thursdays before 6 pm</u>	Post-class SaplingPlus homework and Blackboard quizzes <u>Available: after each class at 9 pm</u> <u>Due: following Monday before 6 pm</u>
0	Sep 5 – 6	Intro class: no pre-class reading; no LearningCurve	No homework assigned; no quiz assigned
1	Sep 9–13	Chapter 1 <i>Discovering the Night Sky</i> LearningCurves: - Scales of the Universe and Patterns of Stars; - Earthly Cycles - Eclipses	HW Ch. 1 Quiz Ch. 1
2	Sep 16–20	Chapter 2, <i>Gravitation and the Motion of the Planets</i> LearningCurves: - Science and Our Changing View of the Universe - Kepler & Galileo describe orbits; - Newton's laws explain orbits	HW Ch. 2 Quiz Ch. 2
3	Sep 23–27	Chapter 3 <i>Light and Telescopes</i> LearningCurves: - Electromagnetic Radiation Observatories - Optics and Telescopes - Nonoptical Astronomy and Observatories	HW Ch. 3 Quiz Ch. 3
4	Sep 30–Oct 4	Chapter 4 <i>Atoms & Spectra</i> LearningCurves: - Blackbody Radiation - Unique Spectra of Elements - Atoms and Spectra	HW Ch. 4 Quiz Ch. 4
5	Oct 7–11	Chapter 5 <i>Exoplanets and the Formation of Planetary Systems</i> , and Chapter 6: <i>The Formation of the Solar System</i> LearningCurves: - Exoplanets: Methods of Detection - Solar System: Heavy Elements and Formation - Categories of the Present-Day Solar System	HW Ch. 5 & 6 (Due day after Thanksgiving) Quiz Ch. 5 & 6 (Due day after Thanksgiving)
6	Oct 14–18	Chapter 7 <i>Earth & Moon</i> LearningCurves: - Earth - The Moon: Surface, Visits, and Formation - The Moon: Tides	HW Ch. 7 Quiz Ch. 7
-	Oct 21 –25	Reading Week	
7	Oct 28–Nov 1	Chapter 8 <i>The Other Terrestrial Planets</i> (Mercury, Venus) LearningCurves: - Mercury - Venus	HW Ch. 8
8	Nov 4–8	Chapter 8 <i>The Other Terrestrial Planets</i> (Mars) LearningCurve: - Mars and Comparative Planetology of the Inner Planets	Quiz Ch. 8
9	Nov 11–15	Chapter 9 <i>The Outer Planets</i> LearningCurves: - Jupiter - Saturn - Uranus, Neptune, and Comparative Planetology of the Outer Planets	HW Ch. 9 Quiz Ch. 9
10	Nov 18–22	Chapter 10 <i>Vagabonds of the Solar System</i> LearningCurves: - Dwarf Planets, Small Solar System Bodies, and Asteroids - Comets - Meteoroids, Meteors, and Meteorites	HW Ch. 10 Quiz Ch. 10
11	Nov 25–29	Review all material before final review class	No homework; no quiz... just study 😊
12	Dec 2–4	–	–
–	Dec 6–18	Exam Period	