

**Class cancellation policy:** In the event of inclement weather or other disruption, in-person lectures will take place on Zoom. Assignments will continue to be due. Additional information will post to Canvas.

**Honor code:** The Emory Honor Code is in effect throughout the semester. Discussion of homework assignments is permitted and encouraged, but the work you turn in must reflect your own effort and understanding. Exams are an individual effort; no outside assistance is allowed.

**Readings and Topics:** While every attempt will be made to follow the syllabus, changes may be made at any time at the discretion of the instructor.

Week of	Topic	Lectures/ Chapters	Due on Tuesday (10 a.m.)	Due on Wednesday (10 a.m.)
Jan. 15	Intro to PHYS 116			
Jan. 22	Coordinates and celestial motions	2.1-2.2	No HW this week	<b>Jan. 24</b> Mid-week response*
Jan. 29	Moon phases & eclipses, retrograde motion  <b>A/D/S ends Tuesday, Jan. 30</b>	2.3 - 2.4	<b>Jan. 30</b>  HW 1*	<b>Jan. 31</b>  Mid-week response*
Feb. 5	Solar system models, Kepler's laws	3	<b>Feb. 6</b>  HW 2	<b>Feb. 7</b>  Mid-week response
Feb. 12	Physics intro, gravity, orbits and tides	4	<b>Feb. 13</b>  HW 3	<b>Feb. 14</b>  Mid-week response
Feb. 19	Exam 1, Light I	5.1	No HW	No Mid-week response
Feb. 26	Light II, Solar system I	5.2 [skip 5.3/ Telescopes], 6.1	No HW	<b>Feb. 28</b>  Mid-week response
March 4	Solar System II & planet formation	6.2-6.3 [skip radiometric dating]	<b>Mar. 5</b>  HW 4	<b>Mar. 6</b>  Mid-week response

Week of	Topic	Lectures/ Chapters	Due on Tuesday (10 a.m.)	Due on Wednesday (10 a.m.)
Mar. 11	Spring Break			
Mar. 18	Exoplanets	10	Mar. 19 HW 5	Mar. 20 Mid-week response
Mar. 25	Sun	11	Mar. 26 HW 6	Mar. 27 Mid-week response
Apr. 1	Exam 2, Stellar properties I	12.1	No HW	No Mid-week response
Apr. 8	Stellar properties II, brown dwarfs and star formation	12	No HW	Apr. 10 Mid-week response
Apr. 15	Stellar evolution (low mass, high mass)	13	Apr. 16 HW 7	Apr. 17 Mid-week response
Apr. 22	Stellar remnants	14	Apr. 23 HW 8	Apr. 24 Mid-week response
May 3	Final Exam 11:30 - 2:00	Cumulative, focus on 11-14	Monday, April 29 (midnight) HW 9	

\* All assignments are due for all students, regardless of the date on which you enrolled. Students who have added the class after an assignment deadline should contact me for the make-up procedure.