

Course Schedule

I have randomly divided our class into two groups. Every Monday, Group A will meet in the physical classroom, while Group B attends online. Every Wednesday, Group B will meet in the physical classroom, while Group A attends online. Every Friday, both groups will attend online.

Group A (Face-to-face on Mondays)	Group B (Face-to-face on Wednesdays)
<ul style="list-style-type: none"> • CJ Cregg • Jungkook Jeon • Hermione Granger 	<ul style="list-style-type: none"> • Boba Fett • Ho-seok Jung • Jennie Kim • Arya Stark

If your name is not on one of these lists, please let me know as soon as possible!

Below is the tentative plan for the semester. Due to the dynamic nature of the semester, this schedule is subject to change.

- Our course is broken down into the 16 weeks of the semester with the final row reserved for Finals week.
- Each week's content will 'open' on Mondays at 12 AM.
- For each week, half the class will come to the physical class on Monday, while the others attend online via Zoom. We will then reverse groups on Wednesday. Friday's class will be completely online.
- For each week, all assignments are due on Thursdays at 11:55 PM or Sundays at 11:55 PM.

Dates	Topic(s)	In-Class/Zoom Activities	Assignments Due
8/24 - 8/30	Foundations of Astronomy	Discussion of reading questions Problem solving: orbital motion and measuring distance	<ul style="list-style-type: none"> • Quick Write • Project: Topic Exploration • Chapter 1 Quiz
8/31 - 9/06	History of Astronomy	Problem solving: Newton's Laws and Laws of Planetary Motion	<ul style="list-style-type: none"> • History Prior Knowledge Assignment • Chapter 2 Quiz
9/07 - 9/13	Radiation; Spectroscopy; Telescopes	Demonstration: Emission and absorption spectra Problem solving: Telescope optics	<ul style="list-style-type: none"> • Discussion Forum • Radiation Assignment • Chapters 3, 4, 5 Quiz
9/14 - 9/20	Stars	Problem Solving: HR Diagrams and calculating stellar masses & temperatures	<ul style="list-style-type: none"> • Sun Observation Activity • Project: Further Exploration • Chapters 16, 17 Quiz
9/21 - 9/27 No class 9/23	Interstellar Medium; Star Formation	Group Work: mapping differences between nebulae	<ul style="list-style-type: none"> • Research LibGuide & Quiz • Finalize Group Work • Chapters 18, 19 Quiz
9/28 - 10/04	Stellar Evolution; Supernovae	Game: Pin the tail on the HR Diagram (aka practice stellar evolution principles)	<ul style="list-style-type: none"> • Nebula Bracket Activity • Project: Finding Research • Chapter 20, 21 Quiz

10/05 - 10/11	Neutron Stars & Black Holes	Discussion: What the heck is relativity?	<ul style="list-style-type: none"> • Discussion Forum • Chapter 22 Quiz
10/12 - 10/18	Midterm!	Midterm Review	<ul style="list-style-type: none"> • Midterm
10/19 - 10/25 No class 10/20	Galaxies	Problem Solving: Redshift and blueshift	<ul style="list-style-type: none"> • Project: Finding Research • Chapters 23, 24, 25 Quiz
10/26 - 11/01	Solar System	Mini Presentations: Spacecraft Exploration	<ul style="list-style-type: none"> • Mini Presentations • Project: Intro Paragraph • Chapter 6 Quiz
11/02 - 11/08	Earth; Moon; Mercury	Discussion: Satellite takeover & space policy	<ul style="list-style-type: none"> • Discussion Forum • Project: Body Outline • Chapter 7, 8 Quiz
11/09 - 11/15	Mars	Discussion: Mars exploration	<ul style="list-style-type: none"> • Discussion Forum • Project: Revisions • Chapter 10 Quiz
11/16 - 11/22	Jupiter; Saturn	Game: Moon identification	<ul style="list-style-type: none"> • Project: Body 1st Draft • Chapters 11, 12 Quiz
11/23 - 12/06 No class 11/25 - 11/27	Solar System Debris; Planet Formation	Problem solving: orbital periods	<ul style="list-style-type: none"> • Discussion Forum • Project: Plan Presentation • Chapters 14, 15 Quiz
12/07 - 12/13 No class 12/8	Early Universe; Cosmology; Life	Project Presentations	<ul style="list-style-type: none"> • Project: Submit Paper • Chapters 26, 27, 28 Quiz
12/14 - 12/18 FINALS WEEK	Finals!	N/A	<ul style="list-style-type: none"> • Final