

Week	Weekly Reading	Class Meeting	Date	Lecture Notes	HW/Exam/Review
1	Review GB Chap. 5, Sec. 5.4 (p.157–167) GB Chap. 6, Sec. 6.1–6.3 (p.186–202)	1	1/26	Lecture #1	
		2	1/28	Lecture #2	
2	GB Chap. 6, Sec. 6.4–6.6 (p.202–217)	3	2/2	Lecture #3	HW#1 due 2/5, 5:00pm
		4	2/4	Lecture #4	
3	GB Chap. 7, Sec. 7.1–7.2 (p.221–239) BS Chap. 4, Sec. 4.3–4.4 (p.82–107)	5	2/9	Lecture #5	
		6	2/11	Lecture #6	
4		7	2/16	Lecture #7	HW#2 due 2/19, 5:00pm
		8	2/18	Lecture #8	
5	GB Chap. 3, Sec. 3.6–3.7 (p.46–51)	9	2/23	Lecture #9	
		10	2/25	Lecture #10	
6	GB Chap. 7, Sec. 7.3–7.4 (p.239–263) BS Chap. 4, Sec. 4.5–4.7 (p.108–130)	11	3/2	BREAK: <i>No Lecture</i>	HW#3 due 3/5, 5:00pm
		12	3/4	Lecture #11	
7	GB Chap. 7, Sec. 7.5–7.6 (p.263–277)	13	3/9	Lecture #12	
		14	3/11	Lecture #13	
8	Review Lectures #1–13	15	3/16	Midterm #1 Review	Midterm #1, due 3/19, 5:00pm
		16	3/18	No Lecture	
9	GB Chap. 9, Sec. 9.1–9.3 (p.319–349) BS Chap. 7, Sec. 7.1–7.3 (p.252–268)	17	3/23	Lecture #14	HW#4 due 3/26, 5:00pm
		18	3/25	Lecture #15	
10	GB Chap. 8, Sec. 9.4–9.5 (p.349–370) BS Chap. 7, Sec. 7.4–7.5 (p.268–277)	19	3/30	Lecture #16	HW#5 due 4/2, 5:00pm
		20	4/1	Lecture #17	
11		21	4/6	Lecture #18	HW#6 due 4/9, 5:00pm
		22	4/8	Lecture #19	
12	GB Chap. 11.1 (p.428–441) BS Chap. 10, Sec. 10.1–10.2 (p.376–388)	23	4/13	Lecture #20	HW#7 due 4/16, 5:00pm
		24	4/15	Lecture #21	
13	Review Lectures #14–21	25	4/20	Midterm #2 Review	Midterm #1, due 4/23, 5:00pm
		26	4/22	No Lecture	
14	BS Chap. 11, Sec. 11.7 (p.453–458)	27	4/27	Lecture #22	HW#8 due 4/30, 5:00pm
		28	4/29	Lecture #23	
15		29	5/4	Lecture #24	
		30	5/6	Final Exam Review	
Finals Week, 5/10–5/14			5/12		Final Exam due 5/12, 5:00pm

Textbooks:

Required: **GB**=Gurnett & Bhattacharjee (2017) *Introduction to Plasma Physics: With Space and Laboratory Applications*

Optional: **BS**=Boyd & Sanderson (2003) *The Physics of Plasmas*