

Schedule for BME3310/5310 (Spring 2025)

	Date		Topic		Reading	Due
1	Tuesday	1/21	Introduction		1	
2	Thursday	1/23	Signals and systems	*	2.1 - 2.6	
3	Tuesday	1/28	Signals and systems			
4	Thursday	1/30	Image quality	*	3.1 - 3.7	
5	Tuesday	2/4	X-ray		4.1 - 4.5	Prob set 1
6	Thursday	2/6	X-ray	*		
7	Tuesday	2/11	X-ray		5.1 - 5.3	
8	Thursday	2/13	Computed tomography	*	6.1 - 6.3	
	Tuesday	2/18	February break			
9	Thursday	2/20	Computed tomography	*		
10	Tuesday	2/25	Ultrasound		10.1-10.5	Prob set 2
11	Thursday	2/27	Ultrasound	*		
12	Tuesday	3/4	Ultrasound		11.1-11.8	
13	Thursday	3/6	Review / catch-up			Prob set 3
14	Tuesday	3/11	Visit BRC micro-CT facility	#		
15	Thursday	3/13	Prelim Exam			Prelim 1
16	Tuesday	3/18	MRI		12.2 - 12.4	
17	Thursday	3/20	MRI	*	12.5 - 12.10	
18	Tuesday	3/25	MRI		13.1 - 13.4	
19	Thursday	3/27	MRI	*		
	Tuesday	4/1	Spring break			
	Thursday	4/3	Spring break			
20	Tuesday	4/8	MRI			
21	Thursday	4/10	Nuclear medicine	*	7.1 - 7.4	Prob set 4
22	Tuesday	4/15	Review / catch-up			
23	Thursday	4/17	Prelim Exam			Prelim 2
24	Tuesday	4/22	Nuclear medicine		8.1 - 8.4	
25	Thursday	4/24	Nuclear medicine	*	9.1 - 9.3	
26	Tuesday	4/29	Visit to Cornell MRI facility	#		
27	Thursday	5/1	Latest technologies	*		
28	Tuesday	5/6	Latest technologies	*		

* exercise at end of class

bonus point towards prelim