

Schedule for BME3310/5310 (Spring 2024)

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

* exercise at end of class
 # bonus point towards prelim