

week	month	day	time	AAC231	Topic (tentative titles)	course type
1	September	12	8.15am	AAC231	Introduction	lecture
			9.15	AAC231	What is a neural interface?	lecture
			10.15	AAC231	Examples	lecture
1	September	13	8.15am	AAC231	Clinical neural interfaces	lecture
			9.15	AAC231	Clinical neural interfaces	lecture
			10.15	AAC231	Project intro	project
2	September	19	8.15am	AAC231	Introduction by Mahsa Shoaran	lecture
			9.15	AAC231	Miniaturized CMOS interfaces	lecture
			10.15	AAC231	Project time	project
2	September	20	8.15am	AAC231	The nervous system: anatomy	lecture
			9.15	AAC231	The nervous system: physical properties	lecture
			10.15	AAC231	Neural signals	lecture
3	September	26	8.15am	AAC231	Electrode as a transducer - Recording	lecture
			9.15	AAC231	Electrode as a transducer - Recording	lecture
			10.15	AAC231	Project time	project
3	September	27	8.15am	AAC231	Electrode as a transducer - Stimulation	lecture
			9.15	AAC231	Electrode as a transducer - Stimulation	lecture
			10.15	AAC231	Project time	project
4	October	3	8.15am	AAC231	Electrode as a transducer - Stimulation	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
4	October	4	8.15am	AAC231	Electrode design and manufacturing - Clinical electrodes	lecture
			9.15	AAC231	Problem set 1- Electrode characterisation	exercise
			10.15	AAC231		exercise
5	October	10	8.15am	AAC231	Electrode design and manufacturing - Microfabricated electrodes (Si)	lecture
			9.15	AAC231		lecture
			10.15	AAC231	Project time	project
5	October	11	8.15am	AAC231	Electrode design and manufacturing - Microfabricated electrodes (thin films)	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
6	October	17	8.15am	AAC231	Electrode design and manufacturing - Microfabricated electrodes (organics)	lecture
			9.15	AAC231	Multimodal neural interfaces	lecture
			10.15	AAC231	project time	project
6	October	18	8.15am	AAC231	Packaging	lecture
			9.15	AAC231	Problem set 2- Implant fabrication	exercise
			10.15	AAC231		exercise
7	October	24	8.15am	AAC231	week off	
			9.15	AAC231		
			10.15	AAC231		

8	October	31	8.15am	AAC231	Biointegration	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
8	November	1	8.15am	AAC231	QUIZ 1 starting at 8.30am, 45min	
			9.15	AAC231	in class	
			10.15	AAC231		
9	November	7	8.15am	AAC231	Neural amplifiers: CMOS design review	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
9	November	8	8.15am	AAC231	Neural amplifiers: CMOS design review	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
10	November	14	8.15am	AAC231	Neural amplifiers	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
10	November	15	8.15am	AAC231	Digitization and compression of neural signals	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
11	November	21	8.15am	AAC231	Neural signal compression	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
11	November	22	8.15am	AAC231	guest lecture: Tim Constantinou	
			9.15	AAC231		
			10.15	AAC231	project time	project
12	November	28	8.15am	AAC231	Neurostimulation	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
12	November	29	8.15am	AAC231	Prediction of neurological disorders	lecture
			9.15	AAC231	Problem set 3 - Implantable electronics	exercise
			10.15	AAC231		exercise
13	December	5	8.15am	AAC231	Closed-loop interfaces and BMIs	lecture
			9.15	AAC231		lecture
			10.15	AAC231	project time	project
13	December	6	8.15am	AAC231	QUIZ 2 starting at 8.30am, 45min	
			9.15	AAC231	in class	
			10.15	AAC231		
14	December	12	8.15am	AAC231	project presentations	
			9.15	AAC231	project presentations	
			10.15	AAC231	project presentations	
14	December	13	8.15am	AAC231	project presentations	
			9.15	AAC231	project presentations	
			10.15	AAC231	project presentations	
15	December	19	8.15am	AAC231	PROJECT REPORT	
			9.15	AAC231		
			10.15	AAC231		
15	December	20	8.15am	AAC231	PROJECT REPORT	
			9.15	AAC231		
			10.15	AAC231		