COURSE SCHEDULE (SUBJECT TO CHANGE)

WEEK 1	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 01/23:	Intro/Syllabus	Colaboratory Basics	
Wed, 01/25:	Article Discussion	Measurements	
Fri, 01/27			Article Essay Due

WEEK 2	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 01/30:	Python Syntax/Variables	Cell Types	
Wed, 02/01:	Basic Operations		

WEEK 3	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 02/06:	Data Organization/Pandas	Cell Physiology	
Wed, 02/08:	Plotting/Basic Statistics		
Fri, 02/10:			Coding Homework #1

WEEK 4	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 02/13:	No Class (Prof. Hallock Out of Town)		
Wed, 02/15:	Loops		

WEEK 5	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 02/20:	Loops	Marker Genes	
Wed, 02/22:	Conditionals		
Fri, 02/24:			Coding Homework #2

WEEK 6	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 02/27:	Conditionals	Conditionals	
Wed, 03/01:	Conditionals/ANOVA		
Fri, 03/03:			Coding Homework #3

WEEK 7	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 03/06:	Functions	Machine Learning	
Wed, 03/08:	Machine Learning		
Fri, 03/10:			Coding Homework #4

WEEK 8	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 03/20:	Plotting LFP Data	*In Vivo* Electrophysiology	
Wed, 03/22:	LFP Amplitude		
Fri, 03/24:			Coding Homework #5

WEEK 9	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 03/27:	LFP Phases	LFP Synchrony	
Wed, 03/29:	Phase Coherence		
Fri, 03/31:			Coding Homework #6

WEEK 10	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 04/03:	Raster Plots	Spiking	
Wed, 04/05:	Plotting Place Fields		
Fri, 04/07:			Coding Homework #7

WEEK 11	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 04/10:	ROI Extraction	Calcium Imaging	
Wed, 04/12:	Plotting Traces		
Fri, 04/14:			Coding Homework #8

WEEK 12	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 04/17:	Gene Expression Data	RNA-Sequencing	
Wed, 04/19:	Volcano Plots		
Fri, 04/21:			Coding Homework #9

WEEK 13	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 04/24:	Prepare Posters		
Wed, 04/26:	Prepare Posters		
Fri, 04/27:			Posters Due

WEEK 14	ACTIVITY	TOPIC	ASSESSMENTS
Mon, 05/01:	Poster Presentations		
Wed, 05/03:	Poster Presentations		