

Tentative_Schedule_300

Updated: 1 October 2017					
	Focus	Assignment	Day	Class #	Date
Week 1	Course Introduction		Tues	1	29 Aug
	LAB 1		Wed		30 Aug
	Course Introduction	Bioinfo App Pres	Thurs	2	31 Aug
Week 2	Bio/CS Basics	ThinkPython Ch. 2	Tues	3	5 Sept
	LAB 2		Wed		6 Sept
	Bio/CS Basics		Thurs	4	7 Sept
Week 3	Bio/CS Basics		Tues	5	12 Sept
	LAB 3		Wed		13 Sept
	Bioinformatics and Genomic Data	Ch 1	Thurs	6	14 Sept
Week 4	NO CLASS		Tues	7	19 Sept
	LAB 4	Ch 1	Wed		20 Sept
	Computational Manipulation of DNA	Ch 2	Thurs	8	21 Sept
Week 5	Computational Manipulation of DNA	Chs 8, 10, 11 in Think Python	Tues	9	26 Sept
	LAB 5	Ch 2	Wed		27 Sept
	Sequence Alignment	Ch 3	Thurs	10	28 Sept
Week 6	Sequence Alignment	Ch 3 in Think Python	Tues	11	3 Oct
	LAB 6	Ch 3	Wed		4 Oct
	Database Searching and Multiple Alignment	Ch 4	Thurs	12	5 Oct
Week 7	Fall break	No class	Tues	13	10 Oct
	Project Work Day	<i>Project Assignment Given</i>	Wed		11 Oct
	Exam 1	Exam 1	Thurs	14	12 Oct
Week 8	Substitution Matrices and Protein Alignments	Ch 5	Tues	15	17 Oct
	LAB 7	Ch 5, Project Proposal Due	Wed		18 Oct
	DNA Sequencing	Ch 8	Thurs	16	19 Oct
Week 9	Gator Day	No class	Tues	17	24 Oct
	LAB 7 continued		Wed		25 Oct
	Sequence-Based Gene Prediction	Ch 9	Thurs	18	26 Oct
Week 10	Sequence-Based Gene Prediction	Ch 9	Tues	19	31 Oct
	Exam 2	Exam 2	Wed		1 Nov
	Advanced Gene Prediction	Ch 10	Thurs	20	2 Nov
Week 11	Advanced Gene Prediction	Ch 10	Tues	21	7 Nov
	Project Work Day		Wed		8 Nov
	Protein Structure Prediction and Analysis	Ch 11	Thurs	22	9 Nov
Week 12	Protein Structure Prediction and Analysis	Ch 11 in BioPython Tutorial and Cookbook	Tues	23	14 Nov
	LAB 8	Ch 11	Wed		15 Nov
	Protein Domain ?	<i>Project Progress Report Due</i>	Thurs	24	16 Nov
Week 13	Protein Domain ?		Tues	25	21 Nov
	ThanksGiving	No class	Wed		22 Nov
	ThanksGiving	No class	Thurs		23 Nov
Week 14	State of the Art in Bioinformatics		Tues	26	28 Nov
	Project Work Day		Wed		29 Nov
	Exam 3	Exam 3	Thurs	27	30 Nov
Week 15	State of the Art in Bioinformatics		Tues	28	5 Dec
	Final projects	<i>Project presentations</i>	Wed		6 Dec

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	Journey Day (summary)		Thurs	29	7 Dec
Week 16	Final projects	Project presentations - last class	Tues	30	12 Dec
	Final Deliverable	Final Project Paper Due by 9am	Fri	group D	15 Dec