

**Tentative Schedule STT465, Fall, 2015.**

Week	Day	Date	Chapter	Events
Week 1	W	2-Sep	Ch. 1 (Intro)	1st class
	M	7-Sep		No class
Week 2	W	9-Sep	Ch. 2 (Belief, Prob. & Exchangeability)	HW 1 posted
	M	14-Sep	Ch. 3 (One parameter models) Beta-Binomial & Poisson Models	
	W	16-Sep		HW1 due
	M	21-Sep	Ch. 4 (Monte Carlo Approximations)	
Week 3	W	23-Sep		HW 2 posted
	M	28-Sep	Ch. 5 (Normal Model)	
Week 4	W	30-Sep		HW2 due
	M	5-Oct	Ch. 6 (Gibbs Sampler)	
Week 5	W	7-Oct		HW 3 posted
	M	12-Oct	Review of Linear Algebra	
Week 6	W	14-Oct	OLS Regression	HW3 due
	M	19-Oct	ML & MVN Distribution	
Week 7	W	21-Oct	Ch. 9, Bayesian Multiple Linear Regression	
	M	26-Oct	Gibbs Sampler in the linear regression model	
Week 8	W	28-Oct	Midterm	Midterm
	M	2-Nov	Gibbs Sampler with Fixed and Random EFECs	H4 Posted
Week 9	W	4-Nov		Proposal due
	M	9-Nov	Gibbs Sampler with scalar updates	H4 Due
Week 10	W	11-Nov		
	M	16-Nov	Dealing with missing values	
Week 11	W	18-Nov		
	M	23-Nov	Censored & Binary outcomes	
Week 12	W	25-Nov		
	M	30-Nov	Variable Selection in Linear Models	
Week 13	W	2-Dec		
	M	7-Dec	Metropolis Hastings	Final Project Due
Week 14	W	9-Dec	Almeida, Schneider, Yau; Yanfeng, Liu, Park, Rykse	
	M	14-Dec	No Class	
			Catton, Hu, Lawrence, Suing, Hank, Vanamberg (12:45pm - 2:45pm in A120 Wells Hall)	Final project presentations
Week 15	W	16-Dec		