CLASS SCHEDULE (revised Sep 05, 2023)										
			TOPIC	Worksheet	Course notes	RICE (3rd edition)	Lab	Lab topic	WeBwork/ homework Q's
Wed	Sep	6	Introduction; HW#0 diagnostic of MATH/STAT 302 prerequisite				No lab		HW0 release
Fri	Sep	8	Moment generating functions (MGFs) - moments, MGF definition	1.1	1.8.1 - 1.8.3	4.5	No lab		
Mon	Sep	11	MGFs - linear function and linear combinations of random variables	1.2	1.8.4, 1.8.5	4.5	#1	intro topics (R, etc)	HW1 release (Ch1)
Wed	Sep	13	Binomial and Poisson approximation via MGF	1.3			#1		
Fri	Sep	15	Normal distribution: properties and distributions from the normal	2.1	2.1 - 2.3	6.2	#1		
Mon	Sep	18	Normal distribution: properties of the sample mean and sample variance	2.2	2.4	6.3	#2	MGFs	
Wed	Sep	20	Approximate normal distributions; central limit theorem	2.3	2.5	5.3	#2		HW2 release (Ch 2, 3)
Fri	Sep	22	Estimation and the frequentist view	3.1	3.1, 3.2	5.2, 8.1 - 8.3	#2		HW0 due
Mon	Sep	25	Properties of estimators	3.2	3.3		#3	Consistency of S^2	HW1 due
Wed	Sep	27	Introduction to maximum likehihood	4.1	4.1	8.5	#3		
Fri	Sep	29	ML estimates; properties of ML estimators	4.2	4.2-4.4	8.5.2	#3		
Mon	Oct	2	No Class or Lab (Truth and Reconciliation Day)				No lab		
Wed	Oct	4	Properties of ML estimators: variance and confidence intervals	4.3	4.5-4.6	8.5.3	No lab		HW 3 release (Ch 4 and 5)
Fri	Oct	6	ML estimation - several parameters	5.1	5.1, 5.2		#4	ML for geom	HW2 due
Mon	Oct	9	No Class or Lab (Thanksgiving)				No lab		
Wed	Oct	11	ML estimation - variances of estimators and confidence intervals	5.2	5.3 - 5.5		#4		
Fri	Oct	13	**Quiz #1 (covers material to the end of Chapter 3)**				No lab		
Mon	Oct	16	Bayes' Rule	6.1	6.1, 6.2	8.6	#4		
Wed	Oct	18	Bayes' Rule for a continuous parameter	6.2	6.3	8.6	#5	More MLE	HW4 release (Ch 6)
Fri	Oct	20	Computing the posterior	6.3	6.4		#5		HW3 due
Mon	Oct	23	Does the prior matter?	6.4	6.6		#5		
Wed	Oct	25	Bayesian and and ML methods compared (review for Quiz 2)	6.5			#6	Bayes: exponential distribution	
Fri	Oct	27	Hypothesis tests	7.1	7.1 - 7.2	9.1	#6		
Mon	Oct	30	Hypothesis tests - errors, significance level, power	7.2	7.3		#6		
Wed	Nov	1	Hypothesis tests and the likelihood function	7.3			No lab		HW5 release (Ch 7)
Fri	Nov	3	**Quiz #2 (covers material to the end of Chapter 5)**				No lab		
Mon	Nov	6	Neyman-Pearson lemma and composite hypotheses	7.4	7.4	9.2	#7	hypothesis tests: Formulation	HW4 due
Wed	Nov	8	Generalized likelihood ratio tests	7.5	7.5		#7		
Fri	Nov	10	Normal distribution; p-values; connection with confidence intervals	7.6	7.6 - 7.9	9.3	#7		
Mon	Nov	13	No Class or Lab (Rememberance Day)				No lab		
Wed	Nov	15	No Class or Lab (Midterm Break)				No lab		
Fri	Nov	17	Analysis of categorical data: multinomial distribution	8.1	8.1, 8.2	8.5.1	#8	hypothesis tests: NP lemma	HW6 release (Ch 8 + 9)
Mon	Nov	20	Hypothesis tests for the multinomial distribution	8.2	8.3	9.4	#8		HW5 due
Wed	Nov	22	Comparing multinomial distribtutions; contingency tables	9.2	9.3, 9.4	13.3, 13.4	#8		
Fri	Nov	24	**Quiz #3 (covers material to the end of Chapter 7)**				#9	categorical data analysis	
Mon	Nov	27	Comparing two independent samples	9.1	9.1, 9.2	11.2.1, 11.2.2	#9		
Wed	Nov	29	Bayesian inference for categorical data	8.3			#9		
Fri	Dec	1	Paired comparisons	9.3	9.5		#10	Comparisons	
Mon	Dec	4	Wrap-up: bring your questions, material you would like reviewed, etc.				#10		
Wed	Dec	6	Wrap-up: bring your questions, material you would like reviewed, etc.				#10		HW6 due