Week 1 Friday, January 6		Introduction; Review of Stat 251
Week 2 Monday, January 9 Wednesday, January 11 Friday, January 13	Assignment #1 Due	What is a Statistic? (§1.1) How Inferences are Made (§1.4); Theory and Reality (§1.5) Sampling Distributions (§7.1, §7.2)
Week 3 Monday, January 16 Wednesday, January 18 Friday, January 20	Assignment #2 Due	Central Limit Theorem (§7.3) Proof of Central Limit Theorem (§7.4) Normal Approximation to Binomial (§7.5)
Week 4 Monday, January 23 Wednesday, January 25 Friday, January 27	Assignment #3 Due	Laws of Large Numbers (Extra) Estimators, Statistics, Parameters (§8.1, §8.2, §8.3) Midterm Review
Week 5 Monday, January 30 Wednesday, February 1 Friday, February 3	MIDTERM #1	Evaluating Estimators (§8.4) Confidence Intervals (§8.5)
Week 6 Monday, February 6 Wednesday, February 8 Friday, February 10	Assignment #4 Due	Large- and Small-Sample Confidence Intervals (§8.6, §8.8) Selecting the Sample Size (§8.7) Confidence Intervals for $\sigma^2$ (§8.9)
Week 7 Monday, February 13 Wednesday, February 15 Friday, February 17	Assignment #5 Due	Point Estimators (§9.1); Relative Efficiency (§9.2) Consistency (§9.3), Sufficency (§9.4) Rao-Blackwell Theorem and MVUE (§9.5)

Week 8 Monday, February 20 Wednesday, February 22 Friday, February 24		NO CLASS NO CLASS NO CLASS
Week 9 Monday, February 27 Wednesday, March 1 Friday, March 3	Assignment #6 Due MIDTERM #2	The Method of Moments (§9.6) Midterm Review
Week 10 Monday, March 6 Wednesday, March 8 Friday, March 10		The Method of Maximum Likelihood (§9.7) Fisher Information (Extra) Large-Sample Properties of MLEs (§9.8)
Week 11 Monday, March 13 Wednesday, March 15 Friday, March 17	Assignment #7 Due	Hypothesis Testing ( $\S10.1$ ); Elements of a Statistical Test ( $\S10.2$ ) Common Large-Sample Tests ( $\S10.3$ ) Type II Error and Finding the Z-Test Sample Size ( $\S10.4$ )
Week 12 Monday, March 20 Wednesday, March 22 Friday, March 24	Assignment #8 Due	Hypothesis Test–Confidence Interval Duality (§10.5, §10.6, §10.7) Small-Sample Hypothesis Testing (§10.8) ???
Week 13 Monday, March 27 Wednesday, March 29 Friday, March 31	Assignment #9 Due	Testing Hypotheses Concerning Variances (§10.9) Power of Tests and Neyman-Pearson (§10.10) Midterm Review
Week 14 Monday, April 3 Wednesday, April 5 Friday, April 7	MIDTERM #3	Likelihood Ratio Tests (§10.11) Likelihood Ratio Tests (§10.11)
Week 15 Monday, April 10 Wednesday, April 12	Assignment #10 Due	Generalized Likelihood Ratio Tests (Extra) Final Exam Review