

Week	Topic	Reading
Week One	Introduction	Chp 1
Week Two	Key statistical concepts	Chp 1
Week Three	Data Visualization and Interpretation	Chp 2
Week Four	Univariate Descriptive Statistics (HW* 1 due on Sep. 12th)	Chp 3
Week Five	Probability Theory	Chp 5
Week Six	Random Variables Mid-term 1 review (HW* 2 due on Sep. 26th)	Chp 5
Week Seven	Midterm exam #1 (Oct. 1st) Probability Distribution 1	Chp 5
Week Eight	Probability Distribution 2	Chp 5
Week Nine (Thu. Oct. 17- Fall break)	Probability Distribution Models 1	Chp 5
Week Ten	Probability Distribution Models 2 Point and Interval Estimation (HW* 3 due on Oct. 24th)	Chp 5&7
Week Eleven	Point and Interval Estimation	Chp 7
Week Twelve	Mid-term 2 review (HW* 4 due on Nov. 5th) Midterm exam #2 (Nov. 7th)	Chp 5&7
Week Thirteen	One-Sample Hypothesis Testing Two-Sample Hypothesis Testing	Chp 8&9
Week Fourteen	Two-Sample Hypothesis Testing One-way Analysis of Variance	Chp 9&11
Week Fifteen (Thu. Nov. 28- Holiday)	Two-way Analysis of Variance (HW* 5 due on Nov. 26th)	Chp 11
Week Sixteen (Last class meeting – Tuesday Dec. 3)	Class review and final exam review	No reading
December 12th (Thursday) 12:00pm at Michell Hall 009	Final exam (Dec. 12th)	

*HW will be assigned on Sakai one week before the due date.

HW1 will be assigned on **9/5**; HW2 will be assigned on **9/19**; HW3 will be assigned on **10/15**; HW4 will be assigned on **10/29**; and HW5 will be assigned on **11/19**;