

Fall 2009
47.269 Research I: Basics
 Schedule: Weeks 7-15

Week	Class	Topic	Readings
7	10/20*	Selecting & assigning participants Research Strategies & Validity <ul style="list-style-type: none"> • Workshop: Sampling Methods • Workshop: Confounds • Video discussion: Weight Control 	Ch. 5 & 6
	10/22	Discussion of exam. Participants and Research Strategies follow up discussion.	
8	10/27*	Descriptive and Correlational Designs <ul style="list-style-type: none"> • Workshop: Nonexperimental Approaches • Workshop: Surveys • Workshop: Survey Design • Video discussion: Health & stress 	Ch. 12 & 13
	10/29	Class does not meet today; I am at a conference. Make use of ONLINE DISCUSSION this week to ask questions about descriptive and correlational designs. Your participation in online discussion will count as participation for the week. I will check in as often as I can.	
9	11/3*	Experimental Designs and Methods <ul style="list-style-type: none"> • Workshop: True Experiments • Workshop: Manipulation Checks in Exp'l Res • Video discussion: Evolutionary Studies 	Ch. 7
	11/5	Contrasting Experiments with Correlational Studies Quasi Experiments, Manipulation checks, Pilot studies <i>Come prepared to discuss YOUR research proposal</i>	
10	11/10*	Between & Within Designs <ul style="list-style-type: none"> • Workshop: Between v. Within Designs • Complete online quiz for Weeks 8 and 9 • Assignment: Statement of Intent for Research Proposal ***** 	Ch. 8 & 9 (Skip secs 8.4, 8.6, 9.4 & box 9.1)
	11/12	Comparing and contrasting Between and Within <i>Come prepared to discuss YOUR research proposal</i>	
11	11/17*	Beyond Main Effects: Factorial Designs <ul style="list-style-type: none"> • Workshop: Common Mistakes in Student Res • Complete online quiz for Week 10 	Ch. 11
	11/19	Examples of Interactions <i>Come prepared to discuss YOUR research proposal</i>	

12	11/24*	Complete online quiz for Week 11 Then take EXAM 2 ONLINE (Ch. 5, 6, 7, 8, 9, 11, 12, & 13)	
	11/26	<i>Happy Thanksgiving!</i>	
13	12/1*	Inferential Statistics & testing hypotheses <ul style="list-style-type: none"> • Workshop: Hypothesis Testing 	Ch. 15
	12/3	What numbers do I have? What graphs do I examine and what tests do I do? What will the results mean? <i>Come prepared to discuss YOUR research proposal</i>	
14	12/8*	Reporting research in APA style <ul style="list-style-type: none"> • Workshop: APA Style • Assignment: You're the editor 	Ch. 16
	12/10	Discussion of final proposals Research Proposal due Tuesday 12/15 <i>Hand in today or electronically by 12/15</i>	
		FINAL EXAM Thursday, Dec 17, 6:30-9:30PM MA206	

* Online class