STAT 231 Tentative Schedule

WEEK	STARTING...	READING	TOPICS	DUE
0		*Appendix B*	*Intro to R and RStudio*	
		Appendix E	*Regression Modeling*	
1	Aug 30	Ch 1	Why data science?	PS0
		Appendix D	GitHub, Reproducible workflow	
		Ch 8.1, 8.8	Ethics of reproducibility	
2	Sep 6	Ch 2	Data visualization	RS1, PS1
		Ch 3	A grammar for graphics	
		Ch 8.2	Truthful falsehoods	
3	Sep 13	Ch 4, 5	Data wrangling	RS2, PS2
		Ch 6 (Skip 6.4)	Tidy data	
		Ch 8.3, 8.4	Data science in society, professional ethics	
4	Sep 20	Appendix C	Algorithmic thinking	RS3, PS3
		Ch 14	Dynamic and customized data graphics (Shiny)	
		Ch 8.5, 8.6	Ethical action, algorithmic bias	
5	Sep 27	Ch 6.4	Data intake (web scraping)	RS4, PS4
		Ch. 8.7, 8.9, 8.10	More on data and ethics	Calendar Query
			Project work	Shiny App proposal
6	Oct 4	Ch 19	Text as data	RS5, PS5
		Ch 20	Network science	Revised proposal
7 *Thursday only*	Oct 13		Project work	Wrangled dataset
8	Oct 18		Project work	Shiny App, Reflection I
			Shiny presentations	
9	Oct 25	Ch 17	Working with spatial data	RS6, PS6
				Blog proposal
10	Nov 1	Ch 12.1	Unsupervised learning (clustering)	RS7, PS7
			Ethics discussion	
11	Nov 8	Ch 13	Simulation	RS8, PS8
		Ch 15	SQL	Revised proposal
12	Nov 15		Project work	PS9
				Blog status update
	Nov 22		*Thanksgiving break*	
13	Nov 29		Blog presentations	Blog
				Peer feedback
14 *Tuesday only*	Dec 6		Blog discussion	Reflection II