Introduction to Regression & Classification Spring 2025 Schedule of Topics

Class #	Week	Date	Topics
1	1	**Tu Jan 14**	Introductions and Syllabus
2		**Th Jan 15**	Lecture Chapter 1 Review
3	2	**Tu Jan 21**	**Canceled for Weather**
4		**Th Jan 23**	Lecture Chapter 2 Introduction to Regression Analysis
5	3	**Tu Jan 28**	Lecture Chapter 3 Simple Linear Regression
6		**Th Jan 30**	Worksheet Chapter 3 Simple Linear Regression
7	4	**Tu Feb 4**	Lecture Chapter 4 Multiple Regression Models
8		**Th Feb 5**	Worksheet Chapter 4 Multiple Regression Models
9	5	**Tu Feb 11**	Lecture Chapter 5 Principles of Model-Building
10		**Th Feb 13**	Worksheet Chapter 5, Principles of Model-Building, Project 1 Due (Chapters 1-4)
11	6	**Tu Feb 18**	Lecture Chapter 6 Variable Screening Methods
12		**Th Feb 20**	Worksheet Chapter 6 Variable Screening Methods
13	7	**Tu Feb 25**	Lecture Chapter 7 Some Regression Pitfalls
14		**Th Feb 27**	Worksheet Chapter 7 Some Regression Pitfalls
15	8	**Tu Mar 4**	Lecture Chapter 8 Residual Analysis
16		**Th Mar 6**	Worksheet Chapter 8 Residual Analysis
		Tu Mar 11	**Spring Break**
		Th Mar 13	**Spring Break**
17	9	**Tu Mar 18**	Lecture Chapter 9 Special Topics in Regression
18		**Th Mar 20**	Worksheet Chapter 9, Special Topics in Regression, Project 2 Due (Chapters 5-8)
19	10	**Tu Mar 25**	Lecture Chapter 10, Time Series Modeling and Forecasting
20		**Th Mar 27**	Worksheet Chapter 10, Time Series Modeling and Forecasting
21	11	**Tu Apr 1**	Lecture Chapter 10 ??
22		**Th Apr 3**	Worksheet Chapter 10 ??
23	12	**Tu Apr 8**	Lecture Chapter 11, Principles of Experimental Design
24		**Th Apr 10**	Worksheet Chapter 11, Principles of Experimental Design
25	13	**Tu Apr 15**	**No Class**
26		**Th Apr 17**	**Easter Break**
27	14	**Tu Apr 22**	Lecture Chapter 12 The Analysis of Variance for Designed Experiments
28		**Th Apr 24**	Worksheet Chapter 12 The Analysis of Variance for Designed Experiments
29	15	**Tu Apr 29**	**No Class Presidential Inauguration**
30		**Th May 1**	Course Recap (Chapters 2-12)
31	16	**We May 7, 8am**	**Final Project Due (9-12)**