

College Statistics

Grades for this course will be recorded as follows:

90 – 100	A
80 – 89	B
70 – 79	C
65 – 69	D

Grades will be assessed as follows

Class discussion and participation of the readings assigned	25%
Homework completion	10%
Tests (Tests consist of 6 chapter test and a final that counts twice)	65%

Course Syllabus

Chapter 1 The Art and Science of Learning from Data

	In Class	Homework
Aug 25	Introduction to statistics	Read pg 3-7
Aug 26	Discuss reading Computer Lab Activity	Read pg 9-15
Aug 27	Discuss reading	pg 9: 1-2, pg 15: 6-10
Aug 28	Discuss homework problems/ homework due	Read pg 16-20
Aug 29	Discuss reading	pg 20: 15-17

Chapter 2 Exploring Data with Graphs and Numerical Summaries

Sept 1	Labor Day	
Sept 2	Discuss homework problems/ homework due	Read pg 25-29
Sept 3	Discuss reading	pg 29 1-6
Sept 4	Discuss homework problems/ homework due	Read pg 30-44
Sept 5	Discuss reading	pg 44: 9,10,14-16
Sept 8	Discuss homework problems	pg 46: 19,21,23,26
Sept 9	Discuss homework problems/ homework due	Read pg 48-54
Sept 10	Discuss reading	pg 55:28-30,34,35,40,41

Sept 11	Discuss homework problems/ homework due	Read pg 56-63
Sept 12	Discuss reading	pg 43: 43-46,48-51
Sept 15	Discuss homework problems/ homework due	Read pg 64-72
Sept 16	Discuss reading	pg 72: 57,59,63,65,66,69
Sept 17	Discuss homework problems/ homework due	Read pg 74-78
Sept 18	Discuss reading/Test Review Chapters 1 & 2	
Sept 19	Test Chapters 1 & 2	Read 89-95

Chapter 3 Association: Contingency, Correlation, and Regression

Sept 22	Correct Test/ Discuss reading	pg 95: 1-4
Sept 23	Discuss homework problems/ homework due	Read pg 97-107
Sept 24	Discuss reading	pg 107: 9-13, 16
Sept 25	Discuss homework problems/ homework due	Read pg 109-120
Sept 26	Discuss reading	pg 120: 23,24,28,29,31,33
Sept 29	Discuss homework problems/ homework due	Read pg 122-135
Sept 30	Discuss reading	pg 135: 38,39,41,43,47,48,51
Oct 1	Discuss homework problems/ homework due	Chapter 3 Test review
Oct 2	Test Chapter 3	Read pg 147-154

Chapter 4 Gathering Data

Oct 3	Correct Test/ Discuss reading	pg 154: 1-5, 7-9
Oct 6	Discuss homework problems/ homework due	read pg 155-165
Oct 7	Discuss reading	pg 165: 14, 15, 20-22,26,27,29
Oct 8	Discuss homework problems/ homework due	Read pg 167-172
Oct 9	Discuss reading/ pg 172 31,32,35, 36	Read pg 173-182
Oct 10	Discuss reading	pg 182: 38,40,46-48
Oct 14	Discuss homework problems/ homework due	Chapter 4 Test Review
Oct 15	Chapter 4 Test	Read pg 193-199

Chapter 5 Probability in our Daily Lives

Oct 16	Correct Test/ Discuss reading	pg 200: 2,4,7
Oct 17	Discuss homework problems/ homework due	Read pg 201-211
Oct 20	Discuss reading	pg 212: 13, 15, 19, 23
Oct 21	Discuss homework problems/ homework due	Read pg 214-222
Oct 22	Discuss reading	pg 223: 29,32,33,35,36,40,41
Oct 23	Discuss homework problems/ homework due	Read pg 224-234

Oct 24	Discuss reading	pg 235: 43,50-52,56
Oct 27	Discuss homework problems/ homework due	Chapter 5 Test Review
Oct 28	Chapter 5 Test	Read pg 245-255

Chapter 6 Probability Distributions

Oct 29	Correct Test/Discuss reading	pg 255: 1-3,7,9,11
Oct 30	Discuss homework problems/ homework due	Read pg 257-266
Oct 31	Discuss reading	pg 267: 12,16,18,21,23,26,27
Nov 3	Discuss homework problems/ homework due	Read pg 268-276
Nov 4	Discuss reading	pg 276: 29,32,36,37,40
Nov 5	Discuss homework problems/ homework due	Read pg 278-286
Nov 6	Discuss reading	pg 286: 43,44,47,48,50
Nov 7	Discuss homework problems/ homework due	Read pg 288-296
Nov 10	Discuss reading	pg 296: 53-56, 58
Nov 11	Discuss homework problems/ homework due	Read pg 297-303
Nov 12	Discuss reading	pg 303: 61-63, 65
Nov 13	Discuss homework problems/ homework due	Chapter 6 Test review
Nov 14	Chapter 6 Test	Read pg 315-321

Chapter 7 Statistical Inference: Confidence Intervals

Nov 17	Correct Test/Discuss reading	pg 321: 2,4,6,7
Nov 18	Discuss homework problems/ homework due	Read pg 322-331
Nov 19	Discuss reading	pg 332: 12,13,16,20
Nov 20	Discuss homework problems/ homework due	Read pg 333-342
Nov 21	Discuss reading	pg 343: 25,26,31,37,38
Nov 24	Discuss homework problems/ homework due	Read pg 345-353
Nov 25	Discuss reading	pg 353: 42,43,48,51
Dec 1	Discuss homework problems/ homework due	Chapter 7 Test Review
Dec 2	Chapter 7 Test	

(note: if possible, I hope to be ahead of schedule and have this test before the Thanksgiving Break – so be prepared.)

Class syllabus after the Thanksgiving Break

TBA