

LENHOF STA 2023, Spring 2014

TENTATIVE COURSE CALENDAR:

* All Dates and Assignments are tentative. Changes in the syllabus and/or course outline, schedule, and/or homework assignments may be made at any time by announcement of the professor.

Drop/Full Refund Deadline: Jan 14th

Withdrawal Deadline for "W" status: Mar 21st

DATE	IN-CLASS	HOMEWORK
Jan 6	Introduction, Syllabus Quiz	Read Chapters 1, 2.
Jan 8	Data	Ch.2 pg. 16 # 9, 11, 13, 15, 17, 19. For the <i>W</i> 's only identify <i>Who, What, Why</i> . Read Chapter 3 pages 20-23, stop at end of bar chart.
Jan 10	Bar Charts	Ch.3 pg. 38 # 9, 11, 12. Read Chapter 4 pages 44-52.
Jan 13	Stem and Leaf Display	Ch.4 pg. 72 # 5, 7, 9, 31, 35.
Jan 15	Dotplots and Histograms	Ch.4 pg. 75 # 37, 41 (make a histogram with bin width of 0.25, starting at 4.0), 43. Read Ch 4 pages 52-56; Ch 5 pages 80-88 and take Blackboard quiz, Ch 4 & 5, before class meets on 1/17.
Jan 17	Five # summary & Boxplots	Ch.4 pg. 73 # 12. Ch.5 pg. 95 # 5, 9, 11, 17, 23, 25. Read rest of Ch 4.
Jan 20	Holiday	Martin Luther King, Jr Holiday – Class Does Not Meet
Jan 22	Mean and Standard Deviation	Ch.4 pg. 73 # 11, 15, 25, 29abc, 33bcd, 47. Rd Ch 6 pg. 104-108, 110-118 and take Blackboard quiz, Ch 4 & 6, before class meets on 1/24.
Jan 24	Z-scores & Normal Distributions	Ch.6 pg. 130 # 7, 11, 17, 23, 25. Read Ch 6 pages 119-123.
Jan 27	More Normal Distributions	Ch.6 pg. 133 # 37, 39, 43 abce, 45.
Jan 29	Project 1	Practice Test 1, located on my website under additional resources.
Jan 31	Review for Test 1	Study for Test 1.
Feb 3	Test 1 – Chapters 2-6	Read Chapter 12 and take Blackboard quiz, Ch 12, before class meets on 2/5.
Feb 5	Sample Surveys	Ch.12 pg. 288 # 7 ade, 9 ade, 11 ade, 17, 23, 35. Read Ch 18 pgs 412-421
Feb 7	LEARNING DAY	LEARNING DAY – Class Does Not Meet
Feb 10	Sampling Distribution for p-Hat	Ch.18 pg. 433 # 11 a, 12, 15 ac, 16, 17, 23. Read rest of Ch 18.
Feb 12	p-Hat Distribution	Ch.18 pg. 436 # 37, 47 bc.
Feb 14	Distribution of y-Bar	Ch.18 pg. 436 # 33, 39. Read Chapter 19 pages 439-448.
Feb 17	Confidence Intervals for p-Hat	Ch.19 pg. 456 # 11, 17, 23, 27a.
Feb 19	More on Confidence Intervals	Ch.19 pg. 455 # 3, 5, 19.
Feb 21	Project 2	Read Chapter 20.
Feb 24	Hypothesis Testing	Ch.20 pg. 479 # 29, 23, 1, 5.
Feb 26	More on Hypothesis Testing	Ch.20 pg. 477 # 13, 21. Read Chapter 21 pages 483-487.
Feb 28	More on Tests	Ch.21 pg. 499 # 1, 3, 5, 7.
Mar 3-7	SPRING BREAK	SPRING BREAK – Class Does Not Meet
Mar 10	Project 3	Practice Test 2, located on my website under additional resources.
Mar 12	Review for Test 2	Study for Test 2.
Mar 14	Test 2 – Chapters 12, 18-21	Read Ch 13 and take Blackboard quiz, Ch 13, before class meets on 3/17
Mar 17	Experiments	Ch.13 pg. 313 # 7, 9, 11 (For Experiments: only answer b, c <i>the factor</i> , e, g, h), 33 acd. Read Chapter 23.
Mar 19	Confidence Intervals, by hand	Ch.23 pg. 554 # 1ab,5,7,17(use T-Table). Withdrawal Deadline for "W"
Mar 21	Confidence Intervals, calculator	Ch.23 pg. 556 # 18, 31, 39 ab. (you may use Stat menu on calculator)
Mar 24	T-tests	Ch.23 pg. 554 # 9, 33, 35. (you may use Stat menu on calculator)
Mar 26	Project 4	Read Chapter 24 focus on pages 569-572.
Mar 28	Difference in Means	Ch.24 pg. 580 # 7 cd, 9, 11, 15, 23a, 25. Read Chapter 22.
Mar 31	Difference in Proportions	Ch.22 pg. 520 # 11 bc, 23 ac, 25a, 27. Practice Test 3
Apr 2	Review for Test 3	Study for Test 3.
Apr 4	Test 3 – Chapters 13, 22-24	Read Chapter 7.
Apr 7	Scatterplots & Correlation	Ch.7 pg. 164 # 3, 5, 7, 11, 35. Read Chapter 8 and take Blackboard quiz, Ch 7 & 8, before class meets on 4/9.
Apr 9	Regression Line	Ch.8 pg. 193 # 21, 45 acef.
Apr 11	Project 5	Practice Test 4, located on my website under additional resources.
Apr 14	Review for Test 4	Study for Test 4.
Apr 16	Test 4 - Chapter 7, 8	Practice Final Exam, located on my website under additional resources.
Apr 18	Grade Status & Final Exam Rev	Study for Final Exam.
Mon, Apr 21	Final Exam	FINAL EXAM TIME: 10:00am – 12:30pm