

Math 140 Teachout Homework Schedule Winter 2019

Date	Scheduled Topics	Homework Assignment
2-Jan	Two Types of Data, Collecting Data, Bias,	Finish Data Collection Act 1,3&4, Journal 1 (Bias Paragraph), Work on Project Part 1
3-Jan	Experiments, Categorical Data Analysis, % of increase, Binomial %	Finish Data Collection Act 5 and Data Analysis Act 1, Work on Project Part 1
4-Jan	Normal Quantitative Data Analysis, Z-scores, Empirical Rule, Normal %	Finish Data Analysis Act 3, Work on Project Part 1
7-Jan	Non-normal Quantitative Data Analysis, Box-plots, Summary Stats	Finish Data Analysis Act 4, Work on Project Part 1
8-Jan	Review for Exam ; Parameters & Statistics	Finish Data Collection Act 2 and Data Collection & Analysis Review Problems, Study for exam, Work on Project Part 1
9-Jan	Exam#1 ; Sampling Distributions for mean and %	Finish Conf Int Act 1-4, Journal#2 (Sampling Variability Paragraph), Work on Project Part 1
10-Jan	Interpret Conf Int, Crit Value Z-scores, T-scores, 1 pop mean & %	Finish Conf Int Act 5,6,10,8, Work on Project Part 1
11-Jan	Confidence, Central Limit Theorem, Assumptions, 2 pop Conf Intervals	Finish Conf Int Act 9,11,12,14, Finish Project Part 1 (last day)
14-Jan	Bootstrapping ; Review for Exam ; Project Part 1 Due Today	Finish Conf Int Act 15, Conf Int Review Problems, Journal#3 (Conf Int Paragraph), study for exam, Work on Project Part 2
15-Jan	Exam#2 ; Null & Alternative Hypothesis	Finish Hyp Test Act 2, Work on Project Part 2
16-Jan	Test Statistics, P-value, Simulations	Finish Hyp Test Act 3,4,5, Work on Project Part 2
17-Jan	Conclusions, Type1 & Type2 Errors, 1 pop mean and proportion tests	Finish Hyp Test Act 6,7,8,9, Work on Project Part 2
18-Jan	2 pop mean and proportion hypothesis tests, relationship tests	Finish Hyp Test Act 10,11,12, Work on Project Part 2
21-Jan	Holiday	Finish Project Part 2 (last day)
22-Jan	Review for Exam ; Project Part 2 Due Today	Finish Hyp Test Review 1, Journal#4 (Hyp Test Paragraph), study for exam, Work on Project Part 3
23-Jan	Exam#3 ; Categorical / Quantitative Relationships, ANOVA	Finish Hyp Test Act 16,17, Work on Project Part 3
24-Jan	ANOVA, Chi-squared test statistic, Goodness of Fit tests	Finish Hyp Test Act 13, Work on Project Part 3
25-Jan	Categorical Relationships, Contingency Tables, Independence & Homogeneity tests	Finish Data Analysis Act 2 and Hyp Test Act 14,15, Work on Project Part 3
28-Jan	Quant Relationships, Correlation & Regression, Correlation tests	Finish Data Analysis Act 5 and Hyp Test Act 18,19, Finish Project Part 3 (last day)
29-Jan	Review for Exam ; Project Part 3 Due Today	Finish Hyp Test Review 2, Journal#5 (Compare Relationship Tests Paragraph), study for exam
30-Jan	Exam#4	Study for Final Exam
31-Jan	Final Review	Study for Final Exam
1-Feb	Final Exam	