Math 115- Section Tentative Schedule of Assignments Semester/Year

Disclaimer: We may get ahead or fall behind, but the dates of the tests will not change unless I announce otherwise in class

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| **Date** | **Sections** | **HW Assigned** | **HW Due Date** | **Other** |
| Add rows | Topic 1: Collecting Data/Drawing Conclusions | WP: Topic 1 HW |  | Also sign up for Wiley Plus, log onto D2L and install Fathom on your computer! |
| for  holidays/  breaks so  students are clear on  when they  occur | Topic 2: Data and Distributions | WP: Topic 2 HW |  | **Exercise 2-12**: Make sure you answer to the nearest 5% as the question asks.  **Exercise 2-13:** Several different conclusions (some that WileyPlus marks wrong) are reasonable here, so I will manually grade your conclusions.  **Exercise 2-17**: Part "c" is subjective, so I will review your responses here, and you may get credit if you're a little further off than what WileyPlus allows. |
| You can add rows | Topic 3: Drawing Conclusions From Studies | (Start Topic 3 HW?) |  | ------------- |
| by  highlighting | Finish Topic 3  Start Topic 4: Random Sampling | WP: Topic 3 HW |  | ------------- |
| a row and | Topic 4: Random Sampling | WP: Topic 4 HW |  | **Exercise 4-22e:** I will grade your responses by hand; as long as what you put is logical, I will give you credit |
| right clicking | Topic 5: Designing Experiments | --- |  |  |
| to Insert a  row | Finish Topic 5  Topic 6: Two-Way Tables | WP: Topic 5 HW |  | **Exercise 5-14d:** I will grade your responses by hand and award possible partial credit |
|  | Finish Topic 6  Review | WP: Topic 6 HW |  | **Exercise 6-14:** Though the text says relative risk is calculated by always dividing the larger number by the smaller, that is not true if a question specifies the order to the calculation as 6-14 part “e” does here. Read carefully for the order in which the comparison is said to be made.  **Exercise 6-21b:** This problem asks for an exact proportion, which means a fraction (when you round a decimal it’s not exact!) |
|  | Topic 7: Displaying and Describing Distributions | WP: Topic 7 HW (10 pts) + 7-16, 7-17, 7-24 (26 pts) |  | **Three book problems need to be turned in to me electronically or on paper** |
|  | **Test on Topics 1 – 6**  **(Take home part due Wed 9/28)** | --- |  |  |

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| **Date** | **Sections** | **HW Assigned** | **HW Due Date** | **Other** |
|  | Finish Topic 7  Topic 8: Measures of Center | WP: Topic 8 HW |  | **Exercise 8-15**: Use the Fathom file PopGrowth.ftm posted in the data files on D2L  **Exercise 8-18**: You will want to type the data into Fathom in order to analyze it |
|  | Finish Topic 8 | --- |  | ------------- |
|  | Topic 9: Measures of Spread | --- |  | ------------- |
|  | Finish Topic 9 | WP: Topic 9 HW |  | **Exercise 9-7**: Use the Fathom file FebTemps.ftm  **Exercise 9-10**: You will want to type the data into Fathom in order to analyze it  **Exercise 9-18:** Use the Fathom file PopGrowth.ftm  **Exercise 9-27:** Use Fathom file SuperQBs2009\_corrected.ftm |
|  | Topic 10: More Summary Measures and Graphs | WP: Topic 10 HW + make boxplot for 10-27 (3 pts)  + 10-20 (7 pts, by hand) |  | **Exercise 10-27:** Use Fathom file SuperQBs2009\_corrected.ftm; you may do 5 number summary and boxplot in Fathom; in addition to answering the questions in Fathom, print out your boxplot and turn in  **Exercise 10-20:** Do by hand and turn in on paper |
|  | Finish Topic 10  Topic 11: Probability | WP: Topic 11 HW |  |  |
|  | Finish Topic 11 | --- |  | ------------- |
|  | Topic 12: Normal Distributions | WP: Topic 12 HW |  | **Exercise 12-19:** Use the Fathom file BodyTemps.ftm |
|  | Finish Topic 12  Review | --- |  | ------------- |
|  | **Test on Topics 7 – 12** | --- |  | ------------- |
|  | Topic 13: Sampling Distributions: Proportions  Topic 14: Sampling Distributions: Means | --- |  | ------------- |
|  | Finish Topic 14  Topic 15: Central Limit Theorem and Statistical Inference | WP: Topic 13&14 HW |  | **Exercise 13-15e**: If you go to [www.rossmanchance.com/applets](http://www.rossmanchance.com/applets) and choose the “Reese’s Pieces” applet you can simulate this (click “proportion of orange” and unclick “Animate”!!!) |

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| **Date** | **Sections** | **HW Assigned** | **HW Due Date** | **Other** |
|  | Finish Topic 15  Topic 16: Confidence Intervals: Proportions | WP: Topic 15 HW |  | **Exercise 15-7b:** They are looking for the mean and standard deviation  **Exercise 15-7cde**: You need to add and subtract the value from the mean to get the upper/lower limits  **Exercise 15-7f**: You may skip this part; I will give credit to everyone who earns at least 3 points on this problem  **Exercise 15-19f**: The text is assuming that anything beyond 2 standard deviations provides fairly strong evidence against |
|  | More Topic 16 | WP: Topic 16 HW |  | ------------- |
|  | Finish Topic 16  Topic 17: Tests of Significance: Proportions | WP: Topic 17 HW |  | ------------- |
|  | Finish Topic 17 | --- |  | ------------- |
|  | Topic 19: Confidence Intervals: Means | WP: Topic 19 HW |  | **For each problem, do your work in Fathom and turn your work in to me. You do not have to enter anything in the p-value inequalities in Wiley Plus—I will give you credit as long as you turn in the correct p-value** |
|  | Topic 20: Tests of Significance: Means  Review | WP: Topic 20 HW |  | ------------- |
|  | Topic 26: Graphical Displays of Association  Topic 27: Correlation Coefficient  Topic 28: Least Squares Regression | WP: Topics 26-28 HW |  | 26-26: Use CatJumping.ftm from D2L Fathom data files  27-21: Type the data into Fathom (no need to include the type!)  28-12: Use HousePricesAG.ftm from D2L Fathom data files  You can delete a row by clicking on it and then choosing  Edit->Cut Case  **Note: While I am not asking you to turn in Fathom work, you are responsible for knowing how to use Fathom for the final!!!** |
|  | **Test on Topics 13 – 20** | --- | --- | ------------- |
|  | Review for Final | **Study for Final!!!** | --- | ------------- |
| FinalDate | **Final Exam FinalTime** | --- | --- | ------------- |