**Stat 216 Calendar of Topics and Due Dates – Spring 2025**

*\*All assignments, labs, exit tickets, and video quizzes should be completed in Gradescope*

**Additional due dates:**

* The previous day’s in-class activity (as instructed by your instructor) is due at the beginning of class each day.

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| **Week** | **Date** | **Activity/Lab completed in class** | **Complete prior to class:** readings in the online textbook & Videos & Video notes | **Homework:**  Video quizzes (due prior to class), Labs (due at **9pm**), Assignments (due at **9pm**) |
| **1** | Wed 1/15 | Syllabus Review & Activity 1: Intro to Data | -- |  |
|  | Fri 1/17 | Activity 2: Intro to Data Analysis and Sampling Methods | §1.1; §1.2; §1.3; §2.1 1.2.1and1.2.2, 1.2.3to1.2.4, 2.1  P. 6 - 11 |  |
| **2** | Mon 1/20 | **No class – MLK Day** |  |  |
|  | Wed 1/22 | Activity 3: American Indian Address |  | *Module 1 Video/Reading Quiz Assignment 1* |
|  | Fri 1/24 | Activity 4: Probability Studies | Ch 23  Chapter23  P. 25 - 28 | *Module 2 Video/Reading Quiz* |
| **3** | Mon 1/27 | Activity 5: What’s the probability? |  |  |
|  | Wed 1/29 | Activity 6: Helper-Hinderer Part 1 | Ch 3; Ch 4; Ch 5; Ch 9; Ch 10; §14.1; §14.2  4.1\_OneProp, 4.2\_OneProp, Chapter9, 14.1, Chapter10, 14.2  P. 42 - 53 | *Module 3 Video/Reading Quiz*  Assignment 2 |
|  | Fri 1/31 | Activity 7: Helper-Hinderer (continued) |  |  |
| **4** | Mon 2/3 | Activity 8: Helper-Hinderer – Simulation-based Confidence Intervals |  | Assignment 3 |
|  | Wed 2/5 | Activity 9: Handedness of Male Boxers | Ch 11; §14.3; §14.4  Chapter11, 14.3TheoryTests, 14.4TheoryIntervals  P. 72 - 79 | *Module 4 Video/Reading Quiz* |
|  | Fri 2/7 | Activity 10: Confidence intervals and what confidence means |  |  |
| **5** | Mon 2/10 | Module 3 and 4 Lab |  | Module 3 and 4 Lab  Assignment 4 |
|  | Wed 2/12 | **Group Midterm Exam 1** |  |  |
|  | Fri 2/14 | **Individual Midterm Exam 1** |  |  |
| **6** | Mon 2/17 | **No class – Presidents Day** |  |  |
|  | Wed 2/19 | Activity 11: Summarizing Quantitative Variables | §5.2; §5.3; §5.4; §5.5; §5.7; Ch 17  5.2to5.4, 5.5, 5.7, 17.2, 17.3TheoryTests  P. 114 - 126 | *Module 6 Video/Reading Quiz* |
|  | Fri 2/21 | Activity 12: Hypothesis Testing of a Single Quantitative Variable |  |  |
| **7** | Mon 2/24 | Activity 13: Body Temperature |  | Assignment 5 |
|  | Wed 2/26 | Activity 14: Danceability of Songs | Ch 5; Ch 17; Ch 12  17.1, 17.3TheoryIntervals, Chapter12  P. 144 – 148, Supp. | *Module 7 Video/Reading Quiz* |
|  | Fri 2/28 | Activity 15: Errors and Power |  |  |
| **8** | Mon 3/3 | Module 6 and 7 Lab: Arsenic |  | Module 6 and 7 Lab  Assignment 6 |
|  | Wed 3/5 | Activity 16: Study Design | §2.2; §2.3; §2.4; §15.1; §15.2; Ch 4; Ch 16  2.2to2.4, 4.1\_TwoProp, 4.2\_TwoProp, 4.4, 15.1, 15.2, RelativeRisk  P. 166 - 182 | *Module 8 Video/Reading Quiz* |
|  | Fri 3/7 | Activity 17: Summarizing Two Categorical Variables |  |  |
| **9** | Mon 3/10 | Activity 18: The Good Samaritan |  | Assignment 7 |
|  | Wed 3/12 | Activity 19: Winter Sports Helmet Use and Head Injuries | §15.3; §15.4  15.3TheoryTests, 15.3TheoryIntervals  P. 201 - 205 | *Module 9 Video/Reading Quiz* |
|  | Fri 3/14 | Activity 20: Diabetes |  |  |
|  | 3/17 – 3/21 | **No Classes - Spring Break** |  |  |
| **10** | Mon 3/24 | Module 8 and 9 Lab: Poisonous Mushrooms |  | Module 8 and 9 Lab Assignment 8 |
|  | Wed 3/26 | **Group Midterm Exam 2** |  |  |
|  | Fri 3/28 | **Individual Midterm Exam 2** |  |  |
| **11** | Mon 3/31 | Activity 21: Paired vs. Independent Samples | Ch 17; Ch 18  PairedData, 18.1and18.2, 18.3  P. 239 - 246 | *Module 11 Video/Reading Quiz* |
|  | Wed 4/2 | Activity 22: Snakes |  |  |
|  | Fri 4/4 | Activity 23: Color Interference |  |  |
| **12** | Mon 4/7 | Module 11 Lab: Swearing |  | Module 11 Lab  Assignment 9 |
|  | Wed 4/9 | Activity 24: Does behavior impact performance? | §5.6; Ch 19; Ch 20  5.6, 19.1, 19.2, 19.3TheoryTests, 19.4TheoryInterval  P. 269 – 277, Supp | *Module 12 Video/Reading Quiz* |
|  | Fri 4/11 | Activity 25: Moon Phases and Virtual Reality |  |  |
| **13** | Mon 4/14 | Module 12 Lab: Trustworthiness |  | Module 12 Lab  Assignment 10 |
|  | Wed 4/16 | Activity 26: Moneyball – Linear Regression | Ch 6; Ch 7; Ch 8; Ch 21; Ch 22  6.1, 6.2, 6.3, Ch 7, Ch21\_Overview, 21.1, 21.3, 21.4TheoryTests, 21.4TheoryIntervals  P. 296 - 314 | *Module 13 Video/Reading Quiz* |
|  | Fri 4/18 | **No class - University Day** |  |  |
| **14** | Mon 4/21 | Activity 27: IPEDS (continued) |  | Assignment 11 |
|  | Wed 4/23 | Activity 28: Prediction of Crocodilian Body Size |  |  |
|  | Fri 4/25 | Activity 29: Golf Driving Distance |  |  |
| **15** | Mon 4/28 | Module 13 Lab: Big Mac Index |  | Module 13 Lab Assignment 12 |
|  | Wed 4/30 | **Final Group Exam Part 1** |  |  |
|  | Fri 5/2 | **Final Group Exam Part 2** |  |  |
| **16** | Mon 5/5 – Thurs 5/8 | **Final Exam –**  **TBA** |  |  |