**Stat 216 Calendar of Topics and Due Dates – Fall 2024**

*\*All assignments, labs, 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 | **Homework:**  Video quizzes (due prior to class), Labs (due at **9pm**), Assignments (due at **9pm**) |
| **1** | Wed 8/21 | Syllabus Review & Activity 1: Intro to Data | -- |  |
|  | Fri 8/23 | Guided Activity 1: Intro to Data Analysis | §1.1; §1.2; §1.3; 1.2.1and1.2.2, 1.2.3to1.2.4 |  |
| **2** | Mon 8/26 | Guided Activity 2: Types of bias  American Indian Address Part 1 | §2.1; §2.2; §2.3; §2.4; §2.5  2.1, 2.2to2.4 | *Video/Reading Quiz 1* |
|  | Wed 8/28 | Guided Activity 3: American Indian Address Part 2 |  | *Assignment 1* |
|  | Fri 8/30 | Activity 2: Study Design |  |  |
| **3** | Mon 9/2 | **No class – Labor Day** |  |  |
|  | Wed 9/4 | Guided Activity 4: Summarizing Categorial Data | Ch 3; Ch 4; Ch 5  4.1, 4.2, 5.2to5.4, 5.5to5.6, 5.7 | *Video/Reading Quiz 2*  Assignment 2 |
|  | Fri 9/6 | Guided Activity 5: Summarizing Quantitative Data |  |  |
| **4** | Mon 9/9 | Module 3 Lab: EDA Review |  | Module 3 Lab  Assignment 3 |
|  | Wed 9/11 | Guided Activity 6: regression and correlation | Ch 6; Ch 7; Ch 8  6.1, 6.2, 6.3, Ch 7 | *Video/Reading Quiz 3* |
|  | Fri 9/13 | Activity 3: Moneyball |  |  |
| **5** | Mon 9/16 | Module 4 Lab: Penguins |  | Module 4 Lab  Assignment 4 |
|  | Wed 9/18 | **Midterm Exam 1** |  |  |
|  | Fri 9/20 | Guided Activity 7: Sleep Study | Ch 9; Ch 10; §14.1; §14.2  Chapter9, 14.1, Chapter10, 14.2 | *Video/Reading Quiz 4* |
| **6** | Mon 9/23 | Exam 1 Reflection  Activity 4: Helper/Hinderer - Part 1 |  |  |
|  | Wed 9/25 | Activity 5: Helper/Hinderer - Part 2 |  |  |
|  | Fri 9/27 | Activity 6: Helper/Hinderer - Simulation Confidence Intervals |  |  |
| **7** | Mon 9/30 | Guided Activity 8: Cashless Society | Ch 11; Ch 12; Ch 13; §14.3; §14.4  Chapter11, 14.3TheoryTests, 14.3TheoryIntervals, Chapter12 | *Video/Reading Quiz 5*  Assignment 5 |
|  | Wed 10/2 | Activity 7: Handedness of Male Boxers |  |  |
|  | Fri 10/4 | Activity 8: What does confidence mean? |  |  |
| **8** | Mon 10/7 | Activity 9: Errors and Power |  | Assignment 6 |
|  | Wed 10/9 | Module 6 Lab: Mixed Breed Dogs |  | Module 6 Lab |
|  | Fri 10/11 | Guided Activity 9: The Good Samaritan | §15.1; §15.2  15.1, 15.2 | *Video/Reading Quiz 6* |
| **9** | Mon 10/14 | Activity 10: Poisonous Mushrooms |  | Assignment 7 |
|  | Wed 10/16 | Guided Activity 10: Head Injuries by Helmet Use | §15.3; §15.4; Ch 16  15.3TheoryTests, 15.3TheoryIntervals  RelativeRisk | *Video/Reading Quiz 7* |
|  | Fri 10/18 | Activity 11: Diabetes/Relative Risk |  |  |
| **10** | Mon 10/21 | Module 8 Lab – Is yawning contagious? |  | Assignment 8  Module 8 Lab |
|  | Wed 10/23 | **Midterm Exam 2** |  |  |
|  | Fri 10/25 | Guided Activity 11: Color Interference | Ch 17; Ch 18  PairedData, 18.1and18.2, 18.3 | *Video/Reading Quiz 8* |
| **11** | Mon 10/28 | Exam 2 Reflection  Guided Activity 12: Snakes |  |  |
|  | Wed 10/30 | Activity 12: Swearing |  |  |
|  | Fri 11/1 | Guided Activity 13: Does behavior impact performance? | Ch 19; Ch 20  19.1, 19.2, 19.3TheoryTests, 19.4TheoryInterval | *Video/Reading Quiz 9* |
| **12** | Mon 11/4 | Guided Activity 14: Moon phases and Virtual Reality |  | Assignment 9 |
|  | Wed 11/6 | Activity 13: Dinosaurs |  |  |
|  | Fri 11/8 | Module 10 Lab - Trustworthiness |  | Module 10 Lab |
| **13** | Mon 11/11 | Veterans Day – No classes |  |  |
|  | Wed 11/13 | Guided Activity 15: Prediction of Crocodilian Body Size | Ch 21; Ch 22  21.1, 21.3, 21.4TheoryTests, 21.4TheoryIntervals | Assignment 10  *Video/Reading Quiz 10* |
|  | Fri 11/15 | Guided Activity 16: Golf Driving Distance |  |  |
| **14** | Mon 11/18 | Module 11 Lab – Big Mac |  | Assignment 11  Module 11 Lab |
|  | Wed 11/20 | Guided Activity 17 – Probability Studies |  |  |
|  | Fri 11/22 | Activity 14: What’s the probability? | Ch 23  Chapter23 | *Video/Reading Quiz 11* |
|  | 11/25 – 11/29 | Fall Break – No classes |  |  |
| **15** | Mon 12/2 | Final exam review |  | Assignment 12 |
|  | Wed 12/4 | **Group Exam Part 1** |  |  |
|  | Fri 12/6 | **Group Exam Part 2** |  |  |
| **16** | Mon 12/9 – Thurs 12/12 | **Final Exam –**  **Tuesday, December 10, 6 – 7:50pm** |  |  |