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

*\*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 1/15 | Syllabus Review & Activity 1: Intro to Data | -- |  |
|  | Fri 1/17 | 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 1/20 | **No class – MLK Day** |  | *Module 2 Video/Reading Quiz* |
|  | Wed 1/22 | 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 | *Assignment 1* |
|  | Fri 1/24 | Guided Activity 3: American Indian Address Part 2 |  |  |
| **3** | Mon 1/27 | Activity 2: Study Design |  |  |
|  | Wed 1/29 | Guided Activity 4: Summarizing Categorial Data | Ch 3; Ch 4; Ch 5  4.1, 4.2, 4.4, 5.2to5.4, 5.5to5.6, 5.7 | *Module 3 Video/Reading Quiz*  Assignment 2 |
|  | Fri 1/31 | Guided Activity 5: Summarizing Quantitative Data |  |  |
| **4** | Mon 2/3 | Module 3 Lab: EDA Review |  | Module 3 Lab  Assignment 3 |
|  | Wed 2/5 | Guided Activity 6: regression and correlation | Ch 6; Ch 7; Ch 8  6.1, 6.2, 6.3, Ch 7 | *Module 4 Video/Reading Quiz* |
|  | Fri 2/7 | Activity 3: Moneyball |  |  |
| **5** | Mon 2/10 | Module 4 Lab: Penguins |  | Module 4 Lab  Assignment 4 |
|  | Wed 2/12 | **Midterm Exam 1** |  |  |
|  | Fri 2/14 | Guided Activity 7: Sleep Study | Ch 9; Ch 10; §14.1; §14.2  Chapter9, 14.1, Chapter10, 14.2 | *Module 5 Video/Reading Quiz* |
| **6** | Mon 2/17 | **No class – Presidents Day**  Exam 1 Reflection  Activity 4: Helper/Hinderer - Part 1 |  |  |
|  | Wed 2/19 | Activity 5: Helper/Hinderer - Part 2 |  |  |
|  | Fri 2/21 | Activity 6: Helper/Hinderer - Simulation Confidence Intervals |  |  |
| **7** | Mon 2/24 | Guided Activity 8: Cashless Society | Ch 11; Ch 12; Ch 13; §14.3; §14.4  Chapter11, 14.3TheoryTests, 14.3TheoryIntervals, Chapter12 | *Module 6 Video/Reading Quiz*  Assignment 5 |
|  | Wed 2/26 | Activity 7: Handedness of Male Boxers |  |  |
|  | Fri 2/28 | Activity 8: What does confidence mean? |  |  |
| **8** | Mon 3/3 | Activity 9: Errors and Power |  | Assignment 6 |
|  | Wed 3/5 | Module 6 Lab: Mixed Breed Dogs |  | Module 6 Lab |
|  | Fri 3/7 | Guided Activity 9: The Good Samaritan | §15.1; §15.2  15.1, 15.2 | *Module 7 Video/Reading Quiz* |
| **9** | Mon 3/10 | Activity 10: Poisonous Mushrooms |  | Assignment 7 |
|  | Wed 3/12 | Guided Activity 10: Head Injuries by Helmet Use | §15.3; §15.4; Ch 16  15.3TheoryTests, 15.3TheoryIntervals  RelativeRisk | *Module 8 Video/Reading Quiz* |
|  | Fri 3/14 | Activity 11: Diabetes/Relative Risk |  |  |
|  | 3/17 – 3/21 | Spring Break – No classes |  |  |
| **10** | Mon 3/24 | Module 8 Lab – Is yawning contagious? |  | Assignment 8  Module 8 Lab |
|  | Wed 3/26 | **Midterm Exam 2** |  |  |
|  | Fri 3/28 | Guided Activity 11: Color Interference | Ch 17; Ch 18  PairedData, 18.1and18.2, 18.3 | *Module 9 Video/Reading Quiz* |
| **11** | Mon 3/31 | Exam 2 Reflection  Guided Activity 12: Snakes |  |  |
|  | Wed 4/2 | Activity 12: Swearing |  |  |
|  | Fri 4/4 | Guided Activity 13: Does behavior impact performance? | Ch 19; Ch 20  19.1, 19.2, 19.3TheoryTests, 19.4TheoryInterval | *Module 10 Video/Reading Quiz* |
| **12** | Mon 4/7 | Guided Activity 14: Moon phases and Virtual Reality |  | Assignment 9 |
|  | Wed 4/9 | Activity 13: Dinosaurs |  |  |
|  | Fri 4/11 | Module 10 Lab - Trustworthiness |  | Module 10 Lab |
| **13** | Mon 4/14 |  |  |  |
|  | Wed 4/16 | Guided Activity 15: Prediction of Crocodilian Body Size | Ch 21; Ch 22  21.1, 21.3, 21.4TheoryTests, 21.4TheoryIntervals | Assignment 10  *Module 11 Video/Reading Quiz* |
|  | Fri 4/18 | Guided Activity 16: Golf Driving Distance  University Day – No classes |  |  |
| **14** | Mon 4/21 | Module 11 Lab – Big Mac |  | Assignment 11  Module 11 Lab |
|  | Wed 4/23 | Guided Activity 17 – Probability Studies |  |  |
|  | Fri 4/25 | Activity 14: What’s the probability? | Ch 23  Chapter23 | *Module 12 Video/Reading Quiz* |
| **15** | Mon 4/28 | Final exam review |  | Assignment 12 |
|  | Wed 4/30 | **Group Exam Part 1** |  |  |
|  | Fri 5/2 | **Group Exam Part 2** |  |  |
| **16** | Mon 5/5 – Thurs 5/8 | **Final Exam –**  **Tuesday, December 10, 6 – 7:50pm** |  |  |