

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.

| 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 1.2.1 and 1.2.2, 1.2.3 to 1.2.5, 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 Chapter 23 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, Chapter 9, 14.1, Chapter 10, 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 Chapter 11, 14.3 Theory Tests, 14.4 Theory Intervals P. 72 - 79 | Module 4 Video/Reading Quiz |

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| | 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 | | |

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| | 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, 19.3TheoryInterval 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 | | |

