**Online Summer Session II 2025 Stat 216 Calendar**

***(typically)* Tuesdays at 11:59 pm MST: Video Quizzes and Activities/Labs**

***(typically)* Wednesdays at 11:59 pm MST: Assignments and Group components**

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| --- | --- | --- | --- | --- | --- |
| **Week** | **Date** | **Reading *(Textbook linked on Canvas)* (recommended timeline)** | **Videos *(Canvas)*, Video Notes *(Coursepack)***  **(recommended timeline)** | **Activity/Lab completion (recommended timeline)** | **Work to turn in:**  **Video Quizzes, Assignments, Activities and Labs, Project Components – all completed in Gradescope and due at 11:59 pm MST** |
| **1** | M 6/30 | §1.1; §1.2; §1.3; §1.4; §1.5; §2.1; | 1.2.1and1.2.2; 1.2.3to1.2.5; 2.1  P. 6 – 11 | Syllabus Review  Module 1:  Intro to Data (Act 2 P. 12 – 15) |  |
|  | T 7/1 | Ch 23 | Chapter23  P. 25 - 28 | Module 1 (cont): (Act 3 P. 16 - 23)  Module 2: Probability (Act 5 P. 34 - 36) | **Last day to ADD online**  Mod 1 Video Quiz  Mod 1 and 2 Activities/Labs |
|  | W 7/2 |  |  |  | Assignment 1 (Mod 1 – 2) |
|  | R 7/3 |  |  |  | **Last day to ADD with ADD/DROP form;**  **Last day to DROP online** |
|  | F 7/4 |  |  | **FOURTH OF JULY** |  |
| **2** | M 7/7 | 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: One categorical variable – EDA and Sim Inference (Act 6 P. 54 - 60, Act 7 P. 61 - 64, Act 8 P. 65 - 69) |  |
|  | T 7/8 | Ch 11; §14.3; §14.4 | Chapter11; 14.3TheoryTests; 14.3TheoryIntervals  P. 72 - 79 | Module 4: One categorical variable – Theoretical Inference (Act 9 P. 80 - 86, Act 10 P.87 - 90) | **Last day to DROP without a W**  Mod 2 and 3 Video Quiz  Mod 2 and 3 Activities/Labs |
|  | W 7/9 |  |  |  | Assignment 2 (Mod 3 – 4)  Google Drive: Collaborative Work Space |
|  | R 7/10 | §5.1; §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 4 (cont): Lab Mod 3 and 4 P. 91 – 94  Module 6: One quantitative variable – EDA and Testing (Act 11 P.127 - 132) |  |
|  | F 7/11 |  |  |  |  |
| **3** | M 7/14 |  |  | Module 6 (cont): (Act 12 P. 133 - 136, Act 13 P. 137 – 141) |  |
|  | T 7/15 | Ch 5; Ch 17; §12.1; §12.2; §12.3; §12.4 | 17.1; 17.3TheoryIntervals; Chapter12  P. 144 – 148 + Supplement | Module 7: One quantitative variable – Confidence Intervals, Decisions, Errors (Act 14 P. 149 - 152, Lab Mod 6 and 7 P. 158 - 162) | Mod 4, 6, and 7 Video Quiz  Mod 4, 6 and 7 Activities/Labs |
|  | W 7/16 |  |  |  | Assignment 3 (Mod 6 – 7)  Sampling Plan |
|  | R 7/17 |  |  | Review |  |
|  | F 7/18 |  |  |  |  |
| **4** | M 7/21 |  |  | **MIDTERM EXAM** |  |
|  | T 7/22 | §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:  Two categorical variables – EDA and Simulation Inference (Act 16 P. 183 - 188, Act 17 P. 189 - 193, Act 18 P. 194 - 198) |  |
|  | W 7/23 |  |  | -- | Mod 8 Video Quiz  Mod 8 Activities/Labs |
|  | R 7/24 | §15.3; §15.4 | 15.3TheoryTests; 15.3TheoryIntervals  P. 201 - 205 | Module 9: Two categorical variables – Theoretical Inference (Act 19 P. 206 - 210, Act 20 P. 211 - 214) | Assignment 4 (Mod 8)  Project Data |
|  | F 7/25 |  |  |  |  |
| **5** | M 7/28 | §5.6; Ch 19; Ch 20 | 5.6; 19.1; 19.2; 19.3TheoryTests; 19.3TheoryInterval  P. 269 - 277 | Module 9 (cont): Lab Mod 8 and 9 (P. 215 - 218)  Module 12: Quantitative Response across Independent Groups – EDA and Theoretical Inference (Act 25 P. 283 - 286) |  |
|  | T 7/29 | Ch 6; Ch 7; Ch 8; Ch 21; Ch 22 | 6.1; 6.2; 6.3; Chapter7; 21.1; 21.3; 21.4TheoryTests; 21.4TheoryIntervals  P. 296 - 314 | Module 13: Two Quantitative Variables – EDA and Theoretical Inference (Act 26 P. 315 - 318, Act 29 P. 331 - 336) | Mod 9 and 12 Video Quiz  Mod 9 and 12 Activities/Labs |
|  | W 7/30 |  |  |  | Assignment 5 (Mod 9, 12)  Project Descriptive Statistics |
|  | R 7/31 | Ch 17; Ch 18 | PairedData; 18.1and18.2; 18.3  P. 239 - 246 | Module 11: Paired Data – EDA and Theoretical Inference (Act 21 P.247 - 250, Act 23 P. 255 - 260) |  |
|  | F 8/1 |  |  |  | **Last day to DROP** |
| **6** | M 8/4 |  |  | Review: Lab Mod 12 (P. 287 - 291), Lab Mod 13 (P. 337 - 341) |  |
|  | T 8/5 |  |  | Module 15: Final Exam Review | Mod 13 and 11 Video Quiz  Mod 13 and 11 Activities/Labs |
|  | W 8/6 |  |  |  | Assignment 6 (Mod 13, 11) |
|  | R 8/7 |  |  | **FINAL EXAM** |  |
|  | F 8/8 |  |  |  | Project Inferential Statistics  Group Project Eval |