**Online Summer Session I 2024 Stat 216 Calendar**

**Tuesday: Video Quizzes and Act/Labs**

**Wednesday: Assignments**

**Friday: 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 5/19 | §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 1, 2) |  |
|  | T 5/20 | Ch 23 | Chapter23  P. 25 - 28 | Module 2 (cont): (Act 3)  Module 3: Probability (Act 5) | **Last day to ADD online** |
|  | W 5/21 |  |  |  | **Assignment 1 (Mod 1 – 2)** |
|  | R 5/22 | 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, 7, 8) | **Last day to ADD with ADD/DROP form;**  **Last day to DROP online** |
|  | F 5/23 |  |  |  | Google Drive: Collaborative Work Space |
| **2** | M 5/26 |  |  | **MEMORIAL DAY** | **Last day to DROP without a W** |
|  | T 5/27 | Ch 11; §14.3; §14.4 | Chapter11; 14.3TheoryTests; 14.3TheoryIntervals  P. 72 - 79 | Module 4: One categorical variable – Theoretical Inference (Act 9, 10) | **Last day to DROP without a W** |
|  | W 5/28 |  |  |  | **Assignment 2 (Mod 3 – 4)** |
|  | R 5/29 | §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  Module 6: One quantitative variable – EDA and Testing (Act 11) |  |
|  | F 5/30 |  |  |  | GS: Project Research Question and Study Design |
| **3** | M 6/2 |  |  | Module 6 (cont): Act 12, 13 |  |
|  | T 6/3 | 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, Lab Mod 6 and 7) |  |
|  | W 6/4 |  |  |  | **Assignment 3 (Mod 6 – 7)** |
|  | R 6/5 |  |  | Review |  |
|  | F 6/6 |  |  |  | GS: Project Data |
| **4** | M 6/9 |  |  | **MIDTERM EXAM** |  |
|  | T 6/10 | §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, 17, 18) |  |
|  | W 6/11 |  |  | -- | **Assignment 4 (Mod 8)** |
|  | R 6/12 | §15.3; §15.4 | 15.3TheoryTests; 15.3TheoryIntervals  P. 201 - 205 | Module 9: Two categorical variables – Theoretical Inference (Act 19, 20) |  |
|  | F 6/13 |  |  |  | GS: Project Descriptive Statistics |
| **5** | M 6/16 | §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  Module 12: Quantitative Response across Independent Groups – EDA and Theoretical Inference (Act 25) |  |
|  | T 6/17 | 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, 29) |  |
|  | W 6/18 |  |  |  | **Assignment 5 (Mod 9, 12)** |
|  | R 6/19 | Ch 17; Ch 18 | PairedData; 18.1and18.2; 18.3  P. 239 - 246 | Module 11: Paired Data – EDA and Theoretical Inference (Act 21, 23) |  |
|  | F 6/20 |  |  |  | **Last day to DROP** |
| **6** | M 6/23 |  |  | Review: Lab Mod 12, Lab Mod 13 |  |
|  | T 6/24 |  |  | Module 15: Final Exam Review |  |
|  | W 6/25 |  |  |  | **Assignment 6 (Mod 13, 11)** |
|  | R 6/26 |  |  | **FINAL EXAM** |  |
|  | F 6/27 |  |  |  | GS: Project Inferential Statistics  GS: Group Project Eval |