

Tentative Schedule

This annotated course schedule outlines the sequence of readings, assignments, and instructional activities that scaffold student learning throughout the course. Each component is intentionally sequenced to support skill development and prepare students for successful engagement with major assessments, including the peer review process.

Jan. 11 – Nonexperimental Methods	○ Davis & Smith: Chp. 19 ○ IRB Proposal – pt. 1
Jan. 18 – No Class – Martin Luther King Day	
Jan. 25 – Inferential Tests of Significance I: t Tests	○ Meet in person ○ Davis & Smith: Chp. 11 ○ Supplemental Reading: Article using t-test ○ Statistics Learning Exercise
Feb. 1 – Alternative Research Designs	○ Davis & Smith: Chp. 16 ○ Supplemental Reading: Article using nonexperimental, quasi-experimental, or case study design ○ IRB Proposal – pt. 2
Feb. 8 – External Validity & Critiquing Experimental Research	○ Davis & Smith: Chp. 17 ○ Supplemental Reading: Article of your choice ○ Article critique
Feb. 15 – Exam 1 (Chp. 11, 16, 17, & 19)	
Feb. 22 – Designing & Conducting Experiments with More than 2 groups	○ Davis & Smith: Chp. 12 ○ Supplemental Reading: Article using more than 2 groups
Feb. 29 – Analyzing & Interpreting Experiments with More than 2 groups	○ Davis & Smith: Chp. 13 ○ Statistics Learning Exercise
March 7 – No Class – Spring Break	
March 14 – Designing & Conducting Experiments with Multiple Independent Variables	○ Davis & Smith: Chp. 14 ○ Supplemental Reading: Article using multiple IVs

March 21 – Analyzing & Interpreting Experiments that have Multiple Independent Variables	○ Meet in person ○ Davis & Smith: Chp. 15 ○ Statistics Learning Exercise
March 28 – Exam 2 (Chp. 12 – 15)	
April 4 – Analysis Workshop	○ Meet in person
April 11 – Data Transformations & Nonparametric tests of significance	○ Davis & Smith: Chp. 18 ○ Supplemental Reading: Article using nonparametric test
April 18 – Working Week	○ Results & Discussion Draft ○ Peer Review
April 25 – Research Presentations	○ Meet in person ○ Final research paper due (May 1)