

Instructor

Name: Christopher R. Bilder, Ph.D.
Office: Hardin Hall 342C
Office hours: Tuesdays after class (in-person and Zoom), Thursdays at 9:30-10:30AM (Zoom only),
and by appointment
E-mail: bilder@unl.edu
STAT 801 website: Available through www.chrisbilder.com; additional items available on Canvas

Lab instructor: Tyler Wiederich
Office: Hardin Hall 349B
Office hours: Wednesdays and Fridays at 1-2PM (in-person and Zoom) and by appointment
E-mail: twiederich2@huskers.unl.edu

Zoom: Web links are available on Canvas.

All office hours are guaranteed for the first 30 minutes. If no students are present after 30 minutes,
office hours are ended.

Textbooks

Ott, R. and Longnecker, M. (2016). An Introduction to Statistical Methods & Data Analysis, 7th
edition.

Optional: The student solutions manual for the book (ISBN-13: 9781305269484)

Prerequisites

Previous introductory course in statistics like STAT 218

Grades

Grades are based upon the following:

	Tests*	Final Exam	Projects/Quizzes**
% of grade	50%	20%	30%

* There will be three tests during the semester, and the lowest grade of these tests will be dropped. The remaining two tests each will be worth 25% of your grade. If you miss a test, this will be your drop test. This policy includes class absences that are “university excused” or due to extenuating circumstances. If you miss more than one test, please contact me to discuss the situation and include any documented proof needed to support your case.

** Based on the total number of points earned out of the total number of points possible.

Grading Scale:

A	B	C	D	F
≥90% and ≤100%	≥80% and <90%	≥70% and <80%	≥60% and <70%	<60%

+ and – letter grades are 2.5% from where the grade levels change. For example, A⁻ is 90-92.5% and B⁺ is 87.5-90%.

All projects need to be turned in electronically via Word or PDF documents. A project completed in an unreadable or unprofessional manner will be returned for a zero grade. No late projects or quizzes are accepted.

I recommend completing the projects in groups. If you work in a group, all group members are expected to participate equally and have a complete understanding of all components for it. I will lower a student's project grade if he/she does not abide by this group work policy.

Statistical software

The statistical computing software package R will be used extensively to perform calculations in this class. R is available for free from <http://www.r-project.org>. Links to download the Windows and Mac versions are <http://cran.r-project.org/bin/windows/base> and <https://cran.r-project.org/bin/macosx>, respectively.

Class recordings

All classes will be recorded during the semester. Links to these recordings will be posted to the course website. Please do not abuse their availability by skipping class. Use these recordings to review and as a back-up if extenuating circumstances prevent you from attending class.

Final exam

The final exam will be 10:00AM to 12:00PM on Monday, December 12.

Expectations of students

Students are expected in this class to

1. Understand all the material in the course notes
2. Understand all R code and calculations
3. Reproduce all parts of the examples in the course notes
4. Watch the videos
5. Complete the homework
6. Ask questions when something is not clear

Additional statements

Please see the online syllabus supplement for additional statements that are required to be part of all syllabi at UNL.