

STA 3024: *Introduction to Statistics 2*

Fall 2019

August 21, 2019

Points: 3

Day/Time: MWF 1:55 pm – 2:45 pm (Period 7)

Location: PUGH 170

Instructor:

- *Name:* Abolfazl Safikhani
- *Office:* 203 Griffin-Floyd Hall
- *Email:* a.safikhani@ufl.edu
- *Office Hours:* MW 1:00 pm – 1:50 pm

Teaching Assistant I:

- *Name:* Zhuochao Huang
- *Email:* zhuochao.huang@ufl.edu
- *Office Hours:* Tuesday and Thursday 8:00–10:00 a.m and Friday, 9:30–11:30 a.m, 234 Griffin-Floyd Hall.

Teaching Assistant II:

- *Name:* Yuhan Tian
- *Email:* yuhan.tian@ufl.edu
- *Office Hours:* Monday and Wednesday 3:00 – 4:30 pm, 234 Griffin-Floyd Hall.

The TAs are your primary points of contact for assistance with course material and the use of technology.

Prerequisite: STA 2023 or the equivalent.

Course Description: A continuing study of basic statistical concepts with applications. Topics include a review of inferential statistics for one and two groups, analysis of variance to compare three or more population means, simple linear regression and multiple regression to predict a quantitative response, categorical data analysis, and nonparametric statistical methods.

Textbook:

Statistics: The Art and Science of Learning from Data (4e), by Agresti, Franklin, and Klingenberg. The e-book is in Canvas.

Canvas: Students should log in to Canvas regularly to complete homework, view and download class files, check announcements, and view and participate in discussions. Visit <https://elearning.ufl.edu> or call 352-392-4357 for help with Canvas and MyStatLab.

Exam: There will be three exams given during the class as follows:

- Exam 1: October 2nd – Ch. 10, 14
- Exam 2: November 8th – Ch. 12, 13
- Exam 3: December 4th – Ch. 11, 15

The exams will be multiple-choice format. All students must bring their student ID card to the exam. A scientific or graphing calculator without external communication capability may be used for each exam. There is not a final exam for the course. Make-up exams will not be given, except for documented cases of extreme illnesses and emergencies. Proper notification should be given to the instructor as soon as possible. Makeup exams may not be multiple choice. A grade of zero is the minimum punishment of any type of dishonesty on an exam.

Homework: In total 6 problem sets will be assigned during the semester (almost every two weeks). Late homework will not be accepted under any circumstances. Homework assignments will be submitted in Canvas through MyStatLab. MyStatLab has several built-in features to assist you with your homework. Check Canvas for HW deadlines.

Grading: Numeric grading will be on a point system as follows:

- Exam: $3 \times 100 = 300$
- Homework: $6 \times 25 = 150$
- Total: 450

The minimum points required to earn each letter grade will be as follows:

$$A = 400, \quad B = 340, \quad C = 280, \quad D = 225$$

Any point grades less than 225 will receive the letter grade *E*. Some grades in the high *B* range may be rounded to *A*– or *B*+, and some grades in the high *C* range may be rounded to *B*– or *C*+

Office Hours: If you have questions regarding the exercises, ask the teaching assistants on their office hours. Note that students are expected to make a serious attempt to solve an exercise before asking their TAs. If you have questions regarding the slides and the lecture notes, you may ask the instructor during his office hours. Given the large number of students, e-mail the Prof/TA if you plan to come to office hours.

Students with Disabilities: Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <https://disability.ufl.edu/>) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodations. Please contact the instructor as early as possible in the semester, to discuss your accommodation letter confidentially.

University's Honesty Policy: UF students are required to adhere to both the Student Conduct Code and the Student Honor Code, <https://sccr.dso.ufl.edu/students/student-conduct-code/>. On all exams and mini-projects, students will write and sign the Honor Pledge: "On my honor, I have neither given nor received unauthorized aid on this [exam/project]." Students are also bound by honor to report academic misconduct to the instructor.

Tentative Schedule: Review of chapters 8,9,10: Aug 21st – Sep 4th; Chapter 14: Sep 6th – Sep 18th; Chapter 12: Sep 20th – Oct 9th; *Exam 1 review on Sep 30th*; Chapter 13: Oct 11th – Oct 23rd; Chapter 11: Oct 25th – Nov 4th; *Exam 2 review on Nov 6th*; Chapter 15: Nov 13th – Nov 25th; *Exam 3 review on Dec 2nd*.