

STA 3024: Introduction to Statistics II

Course Information

Time: MTWRF 9:30AM-10:45AM (Period 2) **Location:** PUGH 170

Instructor: Satyajit Ghosh

Email: satyajitghosh90@ufl.edu

Office: 101A Griffin Floyd Hall

Office Hours: TW 10:45AM - 11:45AM

Course Description:

The course focuses on the following four topics:

- Analysis of Variance to compare three or more population means.
- Simple Linear Regression and Multiple Regression to predict a quantitative response.
- Analysis of Two-Way Tables to study the relationship between two categorical variables.
- Nonparametric Statistics that do not require a Normal distribution of the response variable.

Materials:

1. Statistics: The Art and Science of Learning from Data, by Alan Agresti and Chris Franklin, 3rd edition, Prentice Hall.
2. Scientific Calculator (around \$10 to \$15) that has some basic statistical functions like mean and standard deviation.

Teaching Assistant:

Chuji Luo

Email: cjluo@ufl.edu **Office:** GF 115B **Hours:** Thursday and Friday 10:45 - 12:45

Grading

Grades will be based on **two midterm exams** (36 points each) and **4 quizzes** (7 points each). They are all non-cumulative.

Homework: Homework problems will be assigned to help students understand the materials and prepare for exams and quizzes (assignments will not be collected/graded).

Exams: Exams will be given **in class**, based on the materials covered in class and homework assignments. **No make up exams will be given.** The dates are given below.

Exam 1: May 26

Exam 2: June 16

Quizzes: There will be 4 (**in class**) quizzes. The quiz dates are given below

Quiz 1: May 12

Quiz 2: May 19

Quiz 3: June 2

Quiz 4: June 9

Grading Scale: The grading scale is given below:

A(90-100), A- (87-89), B+ (84-86) B (80-83), B- (77-79), C+ (74-76), C (70-73), C- (64-69), D (60-63), E (0-59)

Course Policies:

Attendance although not required, is very highly recommended. This class is NOT offered online. If you miss a class for any reason, it is your responsibility to get a copy of the notes and all information given in class from another student. Please be aware that sections of this course with a different instructor may cover the material in different order.

Classroom Behavior - during class students should turn off their cellular phones and refrain from eating, drinking, reading newspapers, doing homework, listening to music, excessive talking and all other behaviors that are distracting and disrespectful to the instructor and their fellow students.

Privacy Policy - Student records are confidential. Only information designated UF directory information may be released without your written consent. This applies to parents or anyone else who contacts me about your grades.

Instructor's Honor Code - We the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.

Academic Dishonesty - We adhere to the University of Florida rules and guidelines for handling instances of academic dishonesty. Please refer to the Office for Student Services for detailed information about the current policies.

Grading grades will be changed only when an error has been made. Negotiation is not appropriate.

Students with Disabilities - Students who require special accommodations in class or during exams should follow the procedures outlined by the Disability Resources Program (<http://www.dso.ufl.edu/drp/>) Please see the instructor in person during office hours, early in the semester, to discuss your accommodation letter confidentially.