

Surya Srinivasan

OFFICE HOURS: TBA

MEETING LINK:

<https://rutgers.webex.com/meet/ssriniv>

EMAIL: ssriniv@stat.rutgers.edu

TA INFORMATION: TBA

Name :

EMAIL:

OFFICE HOURS:

MEETING LINK:

CLASS WEBSITE: canvas.rutgers.edu

PRE-REQUISITE: Level I Statistics (960:211 or 960:285)

MEETING TIMES: MW 3:50 – 5:10 P.M.

LOCATION: VH 105 CAC

TEXTBOOK: *Introductory Statistics*, 10th edition, Weiss

COURSE MATERIAL:

The text book is essential for the course. ISBN: 9780135909737

ETEXT COMES WITH FIRST DAY CLASS MATERIAL. My lab is used for HOMEWORKS AND QUIZZES.

A scientific/ graphing calculator is required for the course. No calculators with QWERTY keyboard allowed.

Course Requirements:

Webcam, Microphone, Phone Camera or Scanner, Laptop/ PC, Web Browser, Internet connection.

ATTENDANCE:

Attendance is of *paramount* importance. The discipline of statistics is essentially a cumulative one, so catching up will be *very* difficult if you fall behind.

GRADING:

Your course grade will be determined by computing a weighted average of the following components (with their weights parenthesized):

- Quizzes (4 @5% each = 20% total)
- Mid-Term Exam (2 @ 20% each = 40% total)
- Final project (20%)
- Homework (20%)

| <u>Grade</u> | <u>Final Score</u> |
|----------------|--------------------|
| A | ≥ 90 |
| B ⁺ | 85 - 89 |
| B | 80 - 84 |
| C ⁺ | 75- 79 |
| C | 70- 74 |
| D | 60 - 69 |
| F | 0-59 |

COURSE DESCRIPTION: This is a second-semester introductory course in modern applied statistics that covers the analytical methods of statistical inference. In this course, we will continue the development of confidence interval estimation and hypothesis testing of population parameters and then study categorical data analysis, correlation and regression analysis, ANOVA, and non-parametric methods. Our emphasis will be on applications in many fields of study. It is assumed that the student has a strong command of the material covered in a first-semester course.

MAKE-UP POLICY: Make-up exams will only be given if written documentation of a major outside circumstance is provided by a college dean or a doctor. If you are unable to take the exam during the scheduled time due to unforeseen circumstance you have to inform me the same day by email and be ready to take the make-up exam as early as possible. **If you fail to inform me about your absence the same day of the exam, you will not be allowed to take the make-up exam.** *Students who miss exams without presenting proper documentation in a timely manner will receive a grade of zero.* Please note that there are *absolutely no exceptions* to this policy.

ACADEMIC INTEGRITY: The University has very strict rules concerning breaches of academic integrity. As such, any student caught cheating *will fail the course* and will likely be recommended for disciplinary action.

Rutgers University takes academic dishonesty very seriously. By enrolling in this course, you assume responsibility for familiarizing yourself with the Academic Integrity Policy and the possible penalties (including suspension and expulsion) for violating the policy. As per the policy, all suspected violations will be reported to the Office of Student Conduct. Academic dishonesty includes (but is not limited to):

- cheating*
- plagiarism*
- aiding others in committing a violation or allowing others to use your work*
- failure to cite sources correctly*
- fabrication*
- using another person’s ideas or words without attribution*
- re-using a previous assignment*
- unauthorized collaboration*
- sabotaging another student’s work*

If in doubt, please consult the instructor. Please review the Academic Integrity Policy at: <https://nbacademicintegrity.rutgers.edu/>.

ASSIGNING GRADES: First, your weighted average will be computed, as described before. If you appear to be on the borderline between two grades (< 1%), I will look for trends of improvement to determine whether or not your grade should be higher. Attendance will also be taken into consideration.

GETTING HELP: Many people have questions that do not get answered in class. Therefore, it is *very important* that you make the effort to get help immediately whenever you find yourself struggling. Should my office hours not be convenient, you are *strongly encouraged* to make an appointment with me or the TA at a mutually convenient time. Please do not wait until it is too late. You should understand that poor attendance and/or poor homework effort *will almost certainly lead to a poor grade*. You can also approach Rutgers Learning Centers for additional help. <https://rlc.rutgers.edu>.

COVERAGE: We will cover Chapters 8-16 of the textbook in this course, after briefly reviewing important material from earlier chapters. (An equivalent form of Chapters 1-7 should have been covered in a Level I Statistics course, though most courses are able to, in varying degrees, covers more.)

SPECIFIC INFORMATION ON COURSE POLICY

- ❑ **HOMEWORK:** Homework will be assigned for each section of the textbook that we cover. In general, homework will be online. Some problems on the exams to resemble those from the homework. Overall, homework plays a key role in this course, and as such, I urge you to seek help immediately should you find yourself having any difficulty.
- ❑ **QUIZZES:** There will be 4 announced quizzes. *No make-up quizzes will be available.*
EXAMS: There will be 2 Midterms

POLICIES

Assignments must be completed by the specified due date. **No assignment or exams will be accepted if the solutions are posted on Canvas.** In addition, exercises in the text similar to the ones assigned should also be completed to assure sufficient practice and exposure to the material.

Show all work for assignments, quizzes and examinations to receive proper credit. If you do poorly on any quiz or exam, you may have to submit class assignments at the discretion of the instructor. **No exams or quizzes may be retaken in order to raise one's grade.** Students who have legitimate scheduling conflicts with a exam must petition the instructor in person with written verification and in advance to take an exam **prior to** the scheduled date.

If you miss an exam, it may not be made up unless official documentation/verification is given by an independent third party and only for the reason of a major illness or major emergency. (Letters from guardians are not acceptable.) The instructor should also be notified in advance that the exam will be

missed. The exam must be made up within one week.

Academic dishonesty will not be tolerated. You must work on your own during quizzes and exams.

We will have a universal rule for letter grade for everybody, no special exception to bump up grade for specific reasons

If you have any questions concerning your grade, you can discuss with me within 7 days after the grade is posted. Any appeals past 7 days will not be considered.

Student-Wellness Services:

Just In Case Web App

<http://codu.co/cee05e>

Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/ rhscaps.rutgers.edu/

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

The Office of Disability Services works with students with a documented disability to determine the eligibility of reasonable accommodations, facilitates and coordinates those accommodations when applicable, and lastly engages with the Rutgers community at large to provide and connect students to appropriate resources.

Scarlet Listeners

(732) 247-5555 / <http://www.scarletlisteners.com/>

Free and confidential peer counseling and referral hotline, providing a comforting and supportive safe space.