**INQ 240-B4 here’s to your Health**

**Mon/Wed 14:20 – 15:50**

**Fall 2025**

**Instructor:** **Jackie Fujikawa**

Email: fujikawa@roanoke.edu

**Office Hours: Room 225 in Lucas Bldg**

Mon/Wed 13:15 – 14:15, Tue/Thu 12:00 – 13:00 or by appointment

**Textbook:**

Introduction to Statistics by Jim Frost, ISBN: 978-1-7354311-0-9

**Required Materials:** All students will need either a hand held TI-84 graphing calculator OR a laptop which will allow you to access an online TI-84 emulator.

**The Main Goals of the Course:**

Students will gain an understanding of how decision making is accomplished using modern statistical techniques. Topics include descriptive statistics, graphical techniques, elementary probability, estimation, inferential statistics, linear correlation, and regression. Quantitative reasoning will also be emphasized.

**Course Outcomes:**
Students will gain an understanding of how decision making is accomplished using modern statistical techniques. Topics include descriptive statistics, graphical techniques, elementary probability, estimation, inferential statistics, linear correlation, and regression. Quantitative reasoning will also be emphasized. By the end of this course, successful students will be able to: 1) use the methodologies of statistics to investigate a topic of interest and make decisions based on the results, 2) use the methodologies of statistics to design and carry out a simple statistical experiment, 3) use the methodologies of statistics to critique news stories and journal articles that include statistical information. In the critique students will recognize variability and its consequences, identify potential sources of bias and both proper and improper cause and effect inference, 4) articulate the importance and limitations of using data and statistical methods in decision making, 5) write about course topics clearly and effectively, and 6) interpret quantitative information related to the course topic

**Attendance Policy**

Class attendance is **mandatory**. If you missed four or more class sessions, you are in danger of failing the course. It is a very important aspect of students’ success in this course. Thus, the student is expected to attend every session and is accountable for the issued content and assignments.

**Grading Policy**

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| --- | --- |
| ***Assignment*** | ***Weight*** |
| **Md-term exam (topics)****Final Exam (topis)** | **80%** |
| **Attendance/Participation/Assignments** | **20%** |

**Requirements**

***1. Attendance and Participation***

Students are expected to attend every session and to participate actively in class. Suppose you unavoidably miss a class for extreme circumstances (e.g. hospitalization, family emergency, religious holidays, job/scholarship interviews, sports-related absences with a note from the Athletic Department). In that case, you should notify the instructor by email ahead of the absence with the specific reason for being unable to attend class. It's your responsibility to get all the information and assignments you missed from your classmates before you come back to class. Coming to class is essential for success in the language. You will learn Japanese best through interactions with your instructor and classmates. If you have any questions or concerns, the instructor will be available during office hours or by appointment.

***2. Homework & Preparation***

Will be given at each class, and the instructor will check most assignments.
Come to class thoroughly prepared by reviewing the previous lesson, completing homework, practicing in the chapters, reading the forthcoming chapter, participating actively in class, etc. In this course, it is recommended that you spend studying equivalent to six hours each week outside of class.

***3. Electronic Devices***

The use of cell phones in this class is not allowed, and all electronic devices must be silent during the class. Your success in this class is essential to me. Students are entitled to an equitable learning environment that celebrates their voice, fosters their agency, develops their capacity for self-advocacy, and is free of unfair and exclusionary practices. If there are circumstances that you believe may affect your performance in this class, please let me know as soon as possible so that we can work together to develop strategies for adapting assignments to meet both your needs and the requirements of the course. If you need formal learning accommodations, those can be provided by the Office of Academic Affair.

 ***4. Title IX Policy***

Roanoke College's Title IX Policy defines specific employees of the institution as "individuals with authority:" Harassment Grievance Board officers, the President, vice presidents, Dean of Academic Success, Housing and Residence Life staff (including Community Assistants), Campus Security staff and Human Resources staff. This designation is guided by federal law and requires these employees to report information regarding students who may have experienced sexual harassment covered under Title IX to the College's Title IX Coordinator. This includes information shared with individuals with authority in any manner, including, but not limited to, in-person communications, electronic communications, and class assignments.

Sexual harassment under Title IX means conduct based on sex that satisfies one or more of the following:

 a. An employee of the recipient (university) conditioning the provision of aid, benefit, or service of the recipient (university) on an individual's participation in unwelcome sexual conduct;

 b. Unwelcome conduct determined by a reasonable person to be so severe, pervasive, and objectively offensive that it effectively denies a person equal access to the recipient's education program or activity; or

 c. Sexual assault, dating or domestic violence, or stalking as defined by federal law.

Once an individual with authority reports a Title IX sexual harassment situation to the Title IX Coordinator, the Title IX Coordinator is legally required to contact students with resources and options and determine the next steps. Information regarding sexual harassment, dating violence, domestic violence, and stalking is confidential to the fullest extent possible.

 ***5. Academic Integrity Statement***

Students are expected to follow the integrity policy detailed in the handbook Academic Integrity at Roanoke College regarding plagiarism, collaboration, electronic Devices and Online testing. Additionally, if you are ever uncertain about how the College's policy pertains to any assignment or exam in this course, please ask me for clarification. The bottom line is that all work that a student submits for a grade must be solely that student's work unless the instructor has given explicit permission for students to work together. Please see College’s academic integrity policy www.roanoke.edu/academicintegrity.

 ***6. Generative AI (Artificial Intelligence)***

There are situations when the use of generative AI may be appropriate and educational. If you believe that your use of generative AI is appropriate for a given assignment or project, please contact me in advance to explain your rationale for its use.

**Grade Determination**

94-100 A 77-79 C+

90-93 A- 74-76 C

87-89 B+ 70-73 C-

84-86 B 60-69 D

80-83 B- 0-59 F

**Academic Calendar (by week) \***

W1 Introduction and discussion

W2 Chap 1

W3 Chap 2

W4 Test 1
Review

W5 Chap 3

W6 Chap 4

W7 Mid-term exam (Chap 1 and 2)
Review

W8 Fall break

W9 Chap 5

W10 Chap 6

W11 Chap 7

W12 Chap 8

W13 Chap 9

W14 Thanksgiving week (No class)

W15 Review
Final exam (Chap 3 and 4)

Note: *\*This schedule is subject to revisions as we proceed*

**Diversity and Inclusivity Statement:**

I expect every student to abide by the university community's values. These values include being intentional, being open-minded, acting with integrity, being kind and respectful, and valuing diversity and inclusion. You have a tremendous opportunity in this class to learn about and appreciate one another for your uniqueness. I hope everyone will make a concerted effort to be welcoming, open, respectful, and kind. Also, speaking in a second language can be intimidating for some. Please know that you are among friends; this is a safe environment to practice your language skills. I expect students in this class to support and encourage one another in their efforts to use their Japanese language skills.

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, place myself under the Honor System of Roanoke College. I understand that a plea of ignorance will not excuse me in the matter, and I also acknowledge that I am subject to prosecution should I fail to report a violation.