

Rutgers University at Camden
Stat 183 Elementary Applied Statistics
Distance Education
Detailed Syllabus
Summer Session L1 2026

Part 1. General Information

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The Canvas Help is at help@canvas.rutgers.edu ; For more information at <https://onlinelearning.rutgers.edu/contact-us-help>

Overview: In this **on-line course** you will be learning the same material as in traditional in-class courses and you receive the same college credits for the course. You will have detailed guidelines and references for the course, and will regularly communicate with your instructor by mail in **Canvas**. You will be able to learn at a pace controlled by both you and your instructor. That is, **you will need to comply with your instructor's guidelines and schedules**, but you don't have to attend class sessions at the college and can study the material and work on the assignments at home. However, **this course is not "a weekend course"**. You can do most of the work during weekend if you wish, but you might need to spend some time on your course during the weekdays as well.

Course description: Credit will not be given for both this course and 50:830:215. Frequency distribution, graphical representations, measures of central tendency and variability, elements of probability, the normal curve and its applications, sample versus population, estimating and testing hypotheses, regression and correlation analysis, nonparametric tests. Emphasis on applications.

Prerequisite: No prerequisite beyond the usual three years of high school mathematics.

Required Materials: **Pearson (MyStatLab) Access code** can be obtained from "First Day Materials Program" on the left column in the CANVAS. You need to click "Access Pearson" first time on the left column in the CANVAS to register MyStatLab. Only access access code is mandatory. MyStatLab contains the viewable text online so a ***printed physical textbook is optional***. **The physical text is Elementary Statistics, 14 edition by Mario F. Triola.**

The outcomes for Stat 183 - By the end of this course student should be able to understand:

- Frequency distribution, graphical representations,
- the measures of central tendency,
- the measures of dispersion,
- basic probability theory,
- probability distributions,
- normal distributions and applications,
- testing of hypotheses and nonparametric tests,
- regression and correlatin analysis.

Calculator: TI-30XII or better one is required for your calculations.

Stat 183 Online Course Management Systems:

(1) **Canvas** :<http://rutgers.instructure.com> (for Communication with instructor and Instructions)

(2) **Pearson (MyStatLab)** : (for homeworks, Quizzes, tests)

It should be noted that MyStatLab refers to "Access Pearson" located on the left column at CANVAS. If you register Stat 183 online, you are enrolled at CANVAS automatically, so you only need to register MyStatLab.

This is a strictly Stat course supported by Canvas and MyStatLab course management computer systems. Both systems are relatively easy to deal with, reliable, and provide a tech support.

You can find guides and help for **Canvas** at <http://guides.instructure.com>

The Canvas Help is at help@canvas.rutgers.edu ; For more information at <https://onlinelearning.rutgers.edu/contact-us-help>

Course Time Frame *(Please read carefully)*

Every week you will have some video lectures, and graded assignments: homework and a quiz or a test. All graded assignments must be presented for grading **through MyStatLab or Canvas Modules**.

All assignments have due dates. Tests become unavailable after the due date and cannot be reset individually. Comprehensive a departmental Final Exam will be given during the final week.

Make up Policy:

You can do assignments after the due dates (with penalty). Students with excusable documented reasons for missing Exam must contact the instructor before the due date. They will have an option of taking a **proctored exam** by pencil scheduled by instructor on **main campus**.

Attendance & Participation: University Policy states that if you missed an equivalent of two weeks of work you may be dropped from the course for lack of attendance or assigned an F grade. **(1) Visiting weekly sessions (modules) in Canvas, (2) reading and replying instructors' mails through Canvas inbox, and (3) submitting weekly assignments in MyStatLab are three required components of attendance** in this on-line course. Missing either of these components will result in unsatisfactory attendance, withdrawal from the course or an F grade. **If student's attendance in Canvas or in MyStatLab is unsatisfactory, access to the assignments in MyStatLab may be put on hold.** In this case, contact the instructor through **Canvas ASAP**.

In addition, **in case of unsatisfactory attendance and participation, students will have to take any allowed make ups on campus.**

Grades: Final grade will be based on the **weighted average** of Homework, Test, Final Exam:

6 Homework (in **MyStatLab**):48%;

3 Quizzes (in **MyStatLab**): 27%;

3 Discussions (at **Canvas**): 4%;

1 Final Exam (in **MyStatLab**): 21%;

A: 94-100%

B+: 87-93.99%

C+: 76-79.99%

D+ : 66-69.99%

B: 80-86.99%

C: 70-75.99%

D: 60-65.99%

F: Below 60%

No extra-credits available in this course.

Incomplete grade can be assigned if a student failed to complete some course assignments, including final exam, due to the acceptable and **not foreseen** reasons. Incomplete grade can be assigned if at least 65% of the total work is completed and a student earned a passing grade for submitted portion of the work. An incomplete portion of the work should be completed no later than in 4 weeks after the end of the semester. Incomplete portion of the course should be completed in person, at the beginning of the following semester, in the college, on the paper during regular weekday hours by scheduled appointment.

Academic integrity: Students are expected to uphold the highest standards of academic integrity. You must work alone on your tests, quizzes and final exam. **I reserve the right, in some special situations, to request a student to meet with me in my office during regular work hours and take an exam or a quiz in my presence.** Students are expected to be familiar with Rutgers's Academic Integrity Policy:
<http://academicintegrity.rutgers.edu/policy-on-academic-integrity>

The use of generative AI tools (such as ChatGPT, DALL-E, etc.) are not permitted unless specifically announced for a particular assignment; therefore, any use of AI tools for work in this class may be considered a violation of the University's Academic Honesty policy and Student Code of Conduct, since the work is not your own. The use of unauthorized AI tools will result in a grade of zero on the assignment; a second offense will be reported to the Dean of Students.

Part 2. Detailed Information

● **Work in Canvas**

(1) **Login directions to Canvas** Follow on instructions on the site <http://rutgers.instructure.com>

If you registered the course, then you are enrolled at Canvas automatically.
The Canvas Help is at help@canvas.rutgers.edu ; For more information at <https://onlinelearning.rutgers.edu/contact-us-help>

(2) **Reading content of Weekly sessions in Canvas.**

Every week, a new session opens for your course in **Modules** in the **Canvas**. Reading weekly session's description in **Canvas** is a required component of attendance in this class. In weekly sessions, you will find your video assignments, recommended exercises, reminder for the due date of weekly graded assignments and instructions comments on specific topics. You will also find pages "**Course Information**" and "**MyStatLab Information**" with useful files in weekly sessions in **Canvas**. **To see weekly sessions, click on "Modules"** icon in the leftmost column on the front page of your course in **Canvas**

(3) **Communication with instructor by mail in Canvas.**

On-line communication with the instructor is exclusively **through inbox in Canvas**. Please don't send class-related e-mails to my regular CCP account. I will regularly send messages through **Canvas** with my comments on the results of the assignments, course information and updates to the entire class and to individuals. **Students are required to check their inbox in Canvas at least twice a week.** If you have any questions or there are any problems, send me an email through **Canvas**. I check my inbox in **Canvas** daily during the weekdays. Messages received over weekend will be answered next Monday.

Reading instructor's messages in **Canvas** on weekly basis is a second component of attendance. You don't have to confirm receiving and reading my messages: the system will do it automatically.

●● Work in MyStatLab

(1) How do I register for my MyLab & Mastering (MyStatLab) course from Canvas?

Watch the YouTube video for https://www.youtube.com/watch?v=m_bFFMFJK0k

If you do not have or able to buy the access code yet, you can get a [Temporary Access Code](#) for 14 days (linked at the bottom after you enter the Course ID). Do **NOT** create another account when the temp access code expires! **BEWARE!** of fake or used access codes being sold online through other vendors.

(2) Working in PearsonMyLab

After you roll in **PearsonMyLab** click “**Run the MyStatLab Browser Check**” on the opening page to make sure that you have all the components you need to view the exercises and multimedia in your course. You can also click on “**Review System Requirements**” icon to make sure that you have all correct components for using **PearsonMyLab**.

You will receive more information on how to use **PearsonMyLab** on **MyStatLab Information** page in **Canvas**, and I will regularly highlight important information for you during the semester.

●●● In Case of Technical Failure

(1) In case of technical problems with MyStatLab

Please access for MyStatLab Support:

<http://www.MyStatLabandmastering.com/northamerica/students/support/index.html>

If you started your test, it is only possible to reset it as a new one. A new version will be generated, and you will have to start it over. This option is only possible if I receive your message before the due date and if you did not spend much time after you opened assignment. Otherwise, a score saved by the system could be submitted for the grade.

Please note that the system in this course is set up in a such way that there is no option of continuing a quiz or a test interrupted for any reasons. Neither you nor instructor could get you back to the interrupted quiz or test. (This option is set up for this course in order to provide academic integrity according to the college policy). It is important that you understood that this option is built-in this course structure and no one including instructor could change it.

(2) In case of all other tech problems

(Computer crash, loss of internet connection or other), students have to notify instructor immediately through inbox in **Canvas** and fix the problem ASAP. In case of single occurrence of such problem, quiz or test could be reset (only before the expiration date) or a score based on the saved work would be assigned.

In case of repeated computer problems students will be required to come to the main campus during regular work hours to take a proctored test or quiz.

This is a part of the course policy related to academic integrity requirements.

(3) Instructor in this course does not provide tech support

for student's personal computer, internet connection and internet browser. Since you have chosen on-line course, this is your responsibility to provide a computer meeting the system requirements with reliable internet connection.

Part 3. Covered topics from the text

Text: Elementary Statistics by Mario F. Triola (14th ED)

| | |
|---------|--|
| Week #1 | 1-1 Introduction to Statistics; 2-2 Frequency Distributions 2-3 Histograms; 2-4 Statistical Graphics |
| | 3-2 Measures of Center; 3-3 Measures of Variation 4-2 Fundamentals ; 4-3 Addition Rule |
| | 4-4 Multiplication Rule: Basics; 5-2 Random Variables |
| Week #2 | 5-3 Binomial Probability Distributions 5-4 Mean, Variance, and Standard Deviation for the Binomial |
| | 6-2 The Standard Normal Distribution 6-3 Applications of Normal Distributions |
| | 6-6 Normal as Approximation to Binomial 6-4 Sampling |
| Week #3 | 7-2 Estimating a Population Proportion 7-3 Estimating a Population Mean: σ Known 7-4 Estimating a Population Mean: σ Not Known |
| | 7-4 Estimating a Population Mean: σ Not Known 7-5 Estimating a Population Variance |
| | 8-2 Basics of Hypothesis Testing 8-3 Testing a Claim about a Proportion |
| | 8-4 Testing a Claim about a Mean: σ Known 8-5 Testing a Claim about a Mean: σ Not Known |
| Week #4 | 10-2 Correlation 10-3 Regression |

Comprehensive Final Exam

Part 4. Stat 183 All Due Dates

Stat 183 Distance Education, Summer Session L1 2026
Tentative Outline (subject to change)
All HWs, Quizzes, Final Exam

| Session Begins | sec # | Graded Assignments & due dates in the MyStatLab |
|----------------|------------|---|
| 1. June 22 | Ch 2, 3, 4 | All assignments become available at 12:00 am on Mondays Homework 1A, 1B due Sunday June 27 Quiz #1 due Sunday June 28 (It covers HW #1A, 1B materials) |
| 2. June 29 | Ch 5, 6 | Homework 2A, 2B due Sunday July 5 Quiz #2 due Sunday July 5 (It covers HW #2A, 2B materials) |
| 3. July 6 | Ch 7, 8 | Homework 3A, 3B due Sunday July 12 Quiz #3 due Sunday July 12 (It covers HW #3A, 3B materials) |
| 4. July 13 | Final Exam | Comprehensive Final Exam due on Thursday, July 16 (It covers HW #1A, 1B, 2A, 2B, 3A, 3B materials). Final exam is available on Thursday, July 16 |

Please read important information below:

All homework (weekly), 3 Quizzes (weekly), a final exam (week 4) become available at 12:00 am of the assigned day and are due for grading not later than 11:59 p.m. of the due day. Homework assignments submitted after the due date are subject to “late penalty” and the tests after the due date won’t be accepted. **The number of attempts for a quiz or a final is FIVE times, so you are expected to complete a test (180 min) in one session. I will keep highest scores from your multiple attempts.**

*Special schedule for the Final Exam during the Final Exam week with special instructions.

**Final Exam cannot be taken earlier than the scheduled day.

Disclaimer: The instructor reserves the right to make any reasonable changes to these policies. These changes will be announced at Canvas. You are responsible for keeping up with any changes in class policies.