

STA 2023: Statistical Methods

Spring 2020

Contact Information	
Professor:	Courtney Gegenheimer
Office:	1-139
Office Hours:	MW 1-2:15pm in 1-139 TR 10-11:15am in 1-139 TR 1-2:15pm Virtual Hours F 1-3:30pm Virtual Hours
Email & Phone:	cgegenheimer@valenciacollege.edu ; (407) 582-1690

Course Description & Prerequisite:

Grade of C or better in STA1001, MAT1033, MAC1105 or satisfactory score on an approved assessment. Introductory statistics course: Collection, Description & Interpretation of data. Topics: sampling, summarizing data graphically & numerically, probability distributions, confidence interval estimation, hypothesis testing, correlation & regression. Gordon Rule course: Minimum grade of C required if STA2023 is used to satisfy Gordon Rule & general education requirements.

This syllabus is a contract between the student and the instructor. By enrolling in and then attending this course, the student agrees to and accepts the terms and conditions of this contract. It is the responsibility of the student to carefully read this syllabus/contract in its entirety and to adhere to all policies and procedures within the syllabus.

Emails:

Throughout the week I may send you individual emails about your current success in the course. You should make a habit of checking your [atlas + Canvas email](#) frequently. There are ways to have the emails sent to your phone if you have a 'smart phone', ask me for more information on setting that up. Always include your full name (no nicknames) and the day/times your class meets from your ATLAS email account when sending me an email.

Book Material:

Chapter 1: Introduction to Statistics; Chapter 2: Descriptive Statistics; Chapter 4: Discrete Probability Distributions; Chapter 5: Normal Probability Distributions; Chapter 6: Confidence Intervals; Chapter 7: Hypothesis Testing with One Sample; Chapter 8: Hypothesis Testing with Two Samples; Chapter 9: Correlation and Regression; Chapter 10: Chi-Square Test

Required Materials:

- MyStatLab Access Code: Required to access Homework and Quizzes (~\$97.60)
- Graphing Calculator: Any version of TI-84 is preferred. (TI-83 will not work for some chapters)
- 3x5" Notecards for In-class activities/pop-quizzes (One per day needed)

Course Grading Percentages:

20% Online Homework (MyStatLab – refer to deadlines posted online in MyStatLab)
15% Classroom Activities/Assignments/In-class Pop Quizzes
20% Online Quizzes (MyStatLab – refer to deadlines posted online in MyStatLab)
30% 2 Exams
15% Final Exam

Course Grading Scale:

A 90-100%; B 80-89%; C 70-79%; D 60-69%; F 0-59%; Scores on each assignment will be rounded to the tenth. End-of-term averages will be rounded to the nearest whole number.

Grading:

Grades will be located in Canvas Gradebook. Partial credit on tests and assignments is sometimes given, when appropriate, solely at the discretion of the instructor. Grades will not be discussed over the telephone.

Online Homework Due Dates:

Online homework in MyStatLab has due dates posted next to each homework assignment online. For the online homework, once a due date passes, the section locks and any work completed after the deadline is subject to the late penalty. The late 10% penalty is taken off any grades earned after the deadline.

Pop Quizzes:

They may be announced or unannounced at any time during the semester. Pop-Quiz questions may pertain to the material covered that day in class, or previous material that was already taught or considered pre-requisite knowledge. You must be in the classroom at the time of the pop quiz in order to take the pop-quiz for credit. (i.e. if we take the quiz in the first 5 minutes of class, then you arrive to class after we have finished the quiz, you would have missed the quiz for the day). **There will be no makeup quizzes given.**

Testing Policies/Make-up Exams:

You must complete each in-class test within the time allotted during the class period. All materials in your work area during testing are subject to my thorough and unannounced inspection. You must have a valid documented excuse if you miss either of the two exams in order to take it within one week of the original test day. You must be present for the final exam during the final exam time block.

Attendance Policy:

Your attendance in class is highly recommended. You are responsible for any material or assignments you miss from class. In-class activities cannot be made up, which means that your grade may be adversely affected. You are expected to be in class each day on time, and to remain in class for the entire period unless permission to leave early has been granted by the instructor in advance. Attendance will be taken daily.

Class Preparation:

It is recommended that you read ahead in the Lecture Notes and/or the textbook (online) prior to class as you will then be prepared for the material we will be covering which will allow you to write less during class time as you will already have a familiarity with the material from the readings.

Math Assistance Outside of the Classroom:

- Don't hesitate to come by with any questions you have!
- Email your Professor any day or time!
- Create study groups with your classmates. Many find this beneficial during the course of the semester.
- West Campus Tutoring Center is in 7-240. There are **free Tutors** available for walk-in assistance, no appointment necessary.
- Inside the MyStatLab program there are help features available to you during your online homework that can assist you by providing a different similar example, which can help guide/refresh your memory on what the problem is asking of you.

Classroom Conduct:

Disorderly conduct is behavior that is distracting to other students or the instructor, or that inhibits the learning experiences of other students. Please be respectful of your classmates.

Academic Honesty:

You are expected to do your own work on quizzes, tests and exams. Providing information to another student or receiving information from another student is considered cheating. I reserve the right to determine the appropriate penalties within Valencia College's academic honesty policies if you are observed cheating. Cheating is defined as any behavior that can be construed as cheating such as blatant cheating, looking at somebody's paper, talking or whispering during a test, copying (including all take-home activities, examinations, and/or homework assignments), use of a cellular phone or other electronic device without prior permission, suspicious behavior, or failing to follow appropriate procedures for taking a test as prescribed by the instructor. Simply stated, cheating will not be tolerated.

Valencia's Academic Honesty Policy: <http://valenciacollege.edu/generalcounsel/policy/documents/8-11-NF-NN-Academic-Dishonesty.pdf>

Withdrawal Policy:

Always seek advice from the instructor or from an academic advisor prior to withdrawing from any course, as it may affect any financial aid you may receive or have other negative consequences. If you decide to withdraw, per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), note that a student who withdraws from class before the withdrawal deadline of March 20th will receive a grade of "W". A student is not permitted to withdraw after the withdrawal deadline. Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of "F". For a complete procedure overview on Valencia Policy 4-07 please go to: <http://valenciacollege.edu/generalcounsel/policydetail.cfm?RecordID=75> I will not withdraw a student based on lack of attendance, it is your responsibility to withdraw yourself if you wish to by the deadline.

Valencia Student Core Competencies:

Valencia faculty have defined four interrelated competencies (Think, Value, Communicate, Act) that prepare students to succeed in the world community. These competencies are outlined in the College Catalog. In this course, you will further your mastery of those core competencies. Additional information is available on the college web site at:

<http://valenciacollege.edu/competencies/>

Office for Students with Disabilities:

Students with disabilities who qualify for academic accommodations must provide a Notification to Instructor (NTI) form from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class. The office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities.

Contact information for the West Campus OSD is as follows:

SSB, Room 102, Phone: 407-582-1523, Fax: 407-582-1326, TTY: 407-582-1222

Life Help (BayCare):

Valencia College has contracted with a private and confidential counseling service (**Bay Care Behavioral Health Student Assistance Program (SAP)**) to provide FREE short-term assistance to students who need to resolve problems that are affecting their college performance. Examples might include: stress, relationship/family issues, alcohol/drug problems, eating disorders, depression, and gender issues. Students who are experiencing any of these issues and who are enrolled in credit classes at Valencia should call the toll-free number 1-800-878-5470 to speak to a professional counselor. If needed, the counselor may refer the student to appropriate resources or to speak face-to-face with a licensed counselor. For more information, call or visit a Counselor in Student Services on any campus.

Disclaimer:

Changes to this course and syllabus may be made at any time, at my discretion. Should this occur, you will be notified of the changes.