

VALENCIA COLLEGE

STA 2023 STATISTICAL METHODS

Course Syllabus Fall 2020 /CRN

Course Type (online)

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.

Instructor Information: Liudmila Kashirskaya

Phone: The Math Department: 407-582-2366

Office Location: The Math Department office 7-142

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(Please include your name and course number in all emails).

Student Engagement Hours:

Online hours (via email): Monday - Sunday: 10:00 am – 11:00 am

Required Course Materials:

- 1) **A TI-83 or TI-84 graphing calculator is required for this course.**
- 2) **A MyStatLab access code** (Pearson product) is required to complete homework and quizzes.
- 3) Required and Optional (web cameras are not required, due to availability, but they would be beneficial). Download free 90-day trial versions of the most popular TI software and handheld emulators.

<https://education.ti.com/en/downloads/trial-software>

- 4) **TEXT:** Stats, Modeling the World (5th Edition) with MyStatLab

BY: Bock, Bullard, Velleman, and De Veaux - **optional.**

COURSE DESCRIPTION: Prerequisite: Minimum grade of C in STA 1001 or MAT 1033C or MAC 1105 or satisfactory score on an approved assessment. An introductory statistics course covering collection, description and interpretation of data. Topics include sampling, summarizing data graphically and numerically, probability distributions, confidence interval estimation, hypothesis testing, correlation and regression. Gordon Rule course. Minimum grade of C is required if STA 2023 is used to satisfy Gordon Rule and general education requirements.

Assignments are weighted by group:

Group	Weight
Tests	40%
MyStatlab Homework	15%
MyStatlab Quizzes	15%
Final Exam	20%
Discussions	10%
Total	100%

Conditions	Grade
Overall grade of 90% or better	A
Overall grade of 80-89%	B
Overall grade of 70-79%	C
Overall grade of 60-69%	D

Overall grade less than 60%

F

HOMEWORK and QUIZZES: Students should plan to spend a minimum for 1 to 2 hours per day studying and completing daily assignments/homework. The homework & quiz problems are assigned on MyStatLab and have their due dates. **MyLab registration** and logon instructions are given to you as a separate handout and **Video** on the first day of class (Module 1- Orientation).

Discussions:

There will be a number of written Discussions that will provide additional ways of learning.

Discussions are assigned in the Course Schedule in Canvas.

TESTS:

You will have 3 tests throughout the semester. **There are no makeup tests under any circumstances, unless for jury duty or military service with documentation.** In this case one missed test will be replaced by the final grade.

FINAL EXAM: A comprehensive Final Exam will be given on Monday, December-7.

If you are absent on the day of Final Exam, you will be assigned a zero for your final exam.

Zoom sessions: The first Zoom session will be an Introduction to the course.

These activities will be used for answering questions before Tests and Final exam. You also can ask any questions via email.

Attendance Policy: [Please read the college online No Show policy posted here: <https://catalog.valenciacollege.edu/academicpoliciesprocedures/classattendance/>]

This online class has no required synchronous class meetings; however, missing more than six assignments or not complying with the No Show Status Policy will subject the student to being withdrawn. No Show Status Policy By the "Program Integrity and Documentation of Online Course Attendance" published by the US Department of Education (ED) and adopted by Valencia College, any student registered in an online course must show attendance. The Department of Education has made it clear that simply logging into an online course does not constitute attendance as an "academically-related activity."

No Show Policy: Any student that does not logged into Canvas, completed the Student Information Questionnaire, logged into MyLab, and completed all assignments due during the first week of this term you will have not complied with the ED attendance policy, and you will be withdrawn from this course as a No-Show.

If you are withdrawn as a “no show,” you will be financially responsible for the class and a final grade of “WN” will appear on your transcript for the course.

Email Communication: **Be sure to check your email at least twice a week.**

Not checking e-mail will not be accepted as an excuse for missing required tasks. Missed announcements or deadlines may affect your grade. It is the student’s responsibility to check e-mail and keep track of deadlines.

Withdrawal Policy: [Note: According to Valencia College Policy,

- A faculty member is permitted to withdraw a student from the faculty member’s class up to the beginning of the final exam period, for violation of the faculty member’s attendance policy, as published in the faculty member’s syllabus. A faculty member is not permitted to withdraw a student from his or her class as a response to student conduct which falls under the jurisdiction of the Student Code of Conduct. (In other words, without a written attendance policy in your syllabus you are not permitted to withdraw a student.)
- Professors must include their specific attendance policy and procedures in the syllabus they provide to their students.
- Professors should inform a student, either in writing or electronically via Atlas, if the student accumulates absences that threaten his or her academic progress or standing in the class].

Please note: Always seek advice and guidance from your instructor and/or counselor before withdrawing from the class. Seeing your counselor influences any financial aid or Bright Futures that you may be receiving.

Makeup Policy: There are no makeup tests under any circumstances, unless for jury duty or military service with documentation. **In this case** one missed test can be replaced by the grade of the final exam.

IMPORTANT DATES:

Labor Day: September 7

WITHDRAWAL DEADLINE: October 30, 2020

Veterans Day: November 11

Thanksgiving: November 25-November 29

Final Exam: Monday, December 7.

ZOOM Recording Policy: *Class sessions may be recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. To play a previously recorded Zoom session you will need a password.*

Computer and Internet Requirements:

This is an online course. Therefore, you must have reliable access to an internet enabled device. In addition, you will must have:

1. Access to ATLAS email and other websites as needed.
2. Access to Canvas course page: <https://online.valenciacollege.edu>
 - Use your ATLAS Username and Password
 - Make sure you run the Canvas Browser Requirements Check.
 - If you are new to Canvas, I recommend taking the Canvas 101 tutorial course.
 - Make sure you set your Notifications to notify you of class Announcements!
3. Ability to make and send a digital image, a cell phone can be used to do this.
4. Ability to download and read PDF files and be able to upload PDF files through Canvas.

Pandemic community resources: <https://valenciacollege.edu/alerts/coronavirus-community-resources.php>

Financial Aid: Students can email finaidoffice@valenciacollege.edu or call 407-582-1507.

Student counselors/advising: Students who want to talk with a Valencia counselor for emotional support and resources should:

- Submit a "Counseling Support Form" at: <http://bit.ly/CounselingSupport> and a counselor will reach out to you.

- Or email advising@valenciacollege.edu and indicate you want to talk with a counselor
- Or call 407-582-1507 Hours of operation: Monday – Thursday 8:00am – 8:00pm, Friday, 8:00 AM – 5:00 PM, Saturday and Sunday, 10:00 AM – 3:00 PM.

Virtual Answer Center Advisors: Advisors are available to assist with steps to enrollment, follow up on the admissions process, review and determine financial aid needs, and clarify initial educational goals.

- Virtual office hours: <https://valenciacollege.zoom.us/j/114067187>
- Hours of operation: Mon – Fri. 7:00 am – 10:00 pm, Sat. & Sun. 10:00 am – 10:00 pm
- Website: <https://valenciacollege.edu/students/answer-center/>

Time Commitment: An online course may need more time commitment than an onsite course. Since this is an online course, the three hours a week that you would normally use to attend lectures should be spent online reading the textbook, watching lecture videos, working through practice exercises and taking tests. Any college course also requires at least two hours of study-time for every lecture hour. Thus, you should allocate at least another six hours a week on study time activities such as working on assigned homework and sample tests. This course may take more time than you expect.

Tips for Success:

- Set aside time for the class. Treat the online class as a face to face class with set hours. For every credit hour, you should expect to spend approximately two to three hours studying.
- Take organized notes as you work through each section. Your notes should include the section and the title of the section. Be sure to include definitions, formulas, strategies/steps for solving and any other relevant information.
- Make sure you write down and solve homework problems as if you're turning them in for credit. That way you have something to reference when preparing for your exams.
- If there's prerequisite material you have forgotten, don't be afraid to look it up on You tube, Google, etc.
- Remember there are 2 parts to learning math-knowing what to do and knowing when to do it.
- Don't get behind. If possible, work ahead!
- Work ahead in the beginning so you have more time later in the semester.
- Use the resources that are available to you.
- Communication is key in an online class. If you need assistance, be sure to contact your instructor immediately.

Form a study group-it makes homework more fun. You have peers and access to zoom.

EAST CAMPUS

MATHEMATICS REQUIRED COMMON SYLLABUS CONTENT FOR ONLINE

STUDENT CODE OF CONDUCT: All students are expected to be in compliance with Valencia College's policy on student code of conduct.

<http://valenciacollege.edu/generalcounsel/policy/documents/Volume8/8-03-Student-Code-of-Conduct.pdf>

ACADEMIC HONESTY: All students are expected to be in compliance with Valencia College's policy on academic honesty.

<http://valenciacollege.edu/generalcounsel/policy/documents/8-11-NF-NN-Academic-Dishonesty.pdf>

WITHDRAWAL

POLICY: <http://valenciacollege.edu/generalcounsel/policy/documents/Volume4/4-07-Academic-Progress-Course-Attendance-and-Grades-and-Withdrawals.pdf>

ONLINE LEARNING ASSISTANCE RESOURCES:

- **Valencia's Virtual Tutoring Service:** In response to COVID-19, Valencia's tutoring services have moved online and are available live for all math students. To get started, visit <https://online.valenciacollege.edu/enroll/N37KF9> and self-enroll in the math tutoring course in Canvas. This is where you will access the link to live tutoring (via Zoom), as well as the schedule of tutors, times, and services.
- **Valencia's Math Help 24/7:** Valencia Math professors have created pen-casts and videos of common lessons to help you learn the concepts being presented in class. This resource is located at <https://valenciacollege.edu/academics/departments/math-east/math-help.php>. Click on your course to view your lessons. Some lessons have more than one professor's perspective; watch more than one!
- **Smarthinking:** Smarthinking is an online tutoring tool available to all of Valencia's students, and math tutors are available 24/7. You can access Smarthinking through the Courses tab in Atlas, in the My Courses channel. Students have a limited number of hours available, and therefore, Smarthinking is best used as a back-up to Valencia's virtual tutoring service, not as a replacement. There are Smarthinking phone applications for both iOS and Android devices. <https://valenciacollege.edu/students/learning-support/smarthinking-online-tutoring.php>

- **Distance Tutoring Guide and Additional**

Resources: Visit <https://libguides.valenciacollege.edu/c.php?g=1014597&p=7348794> for more information on virtual learning support services, including links to live Valencia tutoring for other subjects.

STUDENTS WITH DISABILITIES: Valencia students who qualify for academic accommodations must provide the professor with a Notification to Instructor (NTI) from the Office for Students with Disabilities (OSD). Students are expected to discuss their specific needs with the professor, preferably during the first two weeks of class. OSD determines accommodations based on appropriate documentation of disabilities. East: Ph: 407-582-2229 Fax: 407-582-8908 TTY: 407-582-1222. Here are the campus locations and contact numbers: <https://valenciacollege.edu/students/office-for-students-with-disabilities>

NOTE TO INTERNATIONAL STUDENTS (F-1 OR J-1 VISA): Please be advised that withdrawal from this course due to attendance may result in the termination of your visa status if you fall below the full-time enrollment requirement of 12 credit hours. Contact Valencia's International Student Services office for more information. <http://valenciacollege.edu/international/>

CORE COMPETENCIES OF A VALENCIA GRADUATE:

Valencia's Student Core Competencies are complex abilities that are essential to lifelong success. This course will help you to develop and demonstrate the abilities to:

- THINK clearly, critically, and creatively;
- COMMUNICATE with others verbally and in written form;
- Make reasoned VALUE judgments and responsible commitments;
- ACT purposefully, reflectively, and responsibly.

Due to the nature of these global competencies, many of the problems will be presented in the context of an application. These applications will require students to select appropriate information from the problem and communicate effectively in order to explain and/or describe how the student used the skills they are learning to arrive at an appropriate solution for the problem.

STUDENT FEEDBACK ON INSTRUCTION: Near the end of the term, students will receive an invitation through their Valencia ATLAS email account asking them to complete the Student Feedback on Instruction (SFI). This survey provides Valencia College professors with feedback on students' experiences in courses and helps them to continually improve their courses. The results are released only *after* grades are

submitted and students' names are *not* included in the results – all responses will be anonymous.

STUDENT ASSISTANCE PROGRAM: 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.

SUPPORT FOR STUDENTS WITH FOOD/HOUSING/FINANCIAL NEEDS: Any student who has difficulty accessing sufficient food to eat, or who lacks a safe and stable place to live, and believes this may affect his or her performance in the course, is urged to meet with a Counselor in the Advising Center by completing this online form: <http://bit.ly/CounselingSupport> or calling 407-582-1507.

FERPA (*Family Educational Rights and Privacy Act*): FERPA is a Federal law that is administered by the Family Policy Compliance Office (Office) in the U.S. Department of Education (Department). 20 U.S.C. § 1232G; 34 CFR Part 99. FERPA affords students certain rights with respect to their educational records. Valencia College has a firm commitment to protecting the privacy rights of its students. For further information on FERPA, see: <http://valenciacollege.edu/ferpa/default.cfm#whatis>

TITLE IX: Valencia College strives to be a place free from all forms of discrimination. Title IX protects students from discrimination based upon sex including protections against sexual violence, domestic violence, and stalking. This also includes protections for students who are pregnant or may become pregnant. If you experience sexual violence, domestic violence, or stalking and would like assistance there are several options available to you. Valencia partners with the Victim Service Center of Central Florida which is a confidential resource available 24/7. They can be reached by calling 407-497-6701. If you would like assistance on campus, you can go to www.valenciacollege.edu/eo or contact Valencia College's Title IX and Equal Opportunity Officer, Ryan Kane, by emailing rkane8@valenciacollege.edu. If you would like to report to law enforcement, you may visit Campus Security or call 911.

Please note that there are no confidential resources on campus. As your professor, I am required to report any information mentioned in this statement to the appropriate campus resources. This will include your name, and detailed information shared with me.

We take privacy very seriously at the College and only those who have a legitimate need to know the information will be provided with this information.

If you have more questions about Title IX or the College's response, please visit www.valenciacollege.edu/eo.

DISCLAIMER: Changes in the syllabus, schedule, evaluation procedures, and/or homework assignments may be made at any time at the discretion of the professor. In case you are absent, it is **your** responsibility to find out what, if any, announcements or changes have been made.