

STA 2023 – Online Statistical Methods

Summer 2017 – CRN #31109

Professor: Mary Margaret Thompson

E-mail: mmcdowell5@valenciacollege.edu

When emailing please include that you are in my ONLINE STATISTICS CLASS.

Phone: (407) 582-4385

Office: Valencia College – Osceola Campus – 4-343

Office Hours: MW – 3:30 pm to 5:30 pm
TR – 11:00 am to 11:30 pm and 3:00 pm to 3:30 pm

Virtual Hours: F – 10:00 am to 2:00 pm – Please call or email for help!!
Please note that sometimes I cannot attend specific office hours due to meetings. Therefore, before you make a special trip to campus to see me, I highly recommend that you call or email me so we can make an appointment.

Required Course Materials:

1. **MyStatLab Access Code:** The access code can be purchased separately or bundled with our textbook which is *Essential Statistics: Exploring the World through Data – 2nd Edition* by Gould, Ryan, & Wong
 - For the book/access code bundle go to Osceola Campus Bookstore, located in Building 4.
 - For just the MyStatLab/MyMathLab access code either:
 - Go to any Valencia campus bookstore, just ask when you get there, since they are usually kept behind the cash register.
 - Use a credit card (or PayPal) to purchase the access code when you log in and register for our class in MyStatLab.
 - FYI: The access code (however you purchase it) will give you access to an online version of the textbook. If you feel comfortable without a physical text, purchasing only the access code is certainly the cheapest option!
2. **Graphing Calculator:** A graphing calculator is required for this course. The Texas Instrument TI-83/84 or TI-83/84 Plus is what is used in the demonstration videos for this course. Even though some have built-in calculators, cell phones and other electronic devices cannot be used at all during exams and will not be permitted in the Testing Center. If you do not have a calculator, you can check one out for free in the library (4-202) for 2 hours or the Depot (4-121) for 4 hours. If you need help with the calculator, there are demonstration videos that you can access through MyStatLab by choosing the “Tools for Success” link from the menu on the left then scroll to the bottom to find the “Graphing Calculator Technology Tutorial Videos” in the “Technology Tutorial Videos” section.

Withdrawal Deadline: Friday, July 6, 2018

If you decide to withdraw on or before the deadline you will receive a grade of W for the course. Please remember that YOU MUST WITHDRAW YOURSELF THROUGH ATLAS for this to occur. If you have not withdrawn by the deadline you will receive a grade of A, B, C, D, or F depending on your Final Overall Average for the course.

Course Description:

Prerequisite: Minimum grade of C in STA1001C, MAT1033C, or MAC1105 or satisfactory score on an approved assessment.

This is 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 required if STA 2023 is used to satisfy Gordon Rule and general education requirements.

Competencies of a Valencia Graduate:

- **THINK:** Think clearly, critically, and creatively. Analyze, synthesize, integrate, and evaluate in many domains of human inquiry.
- **VALUE:** Make reasoned value judgments and responsible commitments.
- **COMMUNICATE:** Communicate with different audiences using varied means.
- **ACT:** Act purposefully, reflectively, and responsibly.

Math Tutoring Support:

1. The Osceola Campus has math tutoring in Building 4, Room 121. There are tutors available free of charge to Valencia students Monday through Saturday. Visit their website to check out the hours. All of the Valencia campuses have free face-to-face tutoring or resource centers available for you. Tutoring times vary from campus to campus. For more information you can visit the website <http://valenciacollege.edu/learning-support/browse-by-campus.cfm>.
2. Within your Atlas account (Go to the “Courses” tab, and look in the “My Courses” section) there is a link to Tutoring (online) – Smart Thinking

Communication Plan:

- **When emailing me, please mention you are in my ONLINE STATISTICS CLASS.**
- Please communicate with me via Inbox link in Canvas or via my Atlas email address – mmcdowell5@valenciacollege.edu. I am online a lot and will most likely answer e-mails within 48 hours during the school week. Weekend and holiday response times may vary.
- Please note that you are responsible for all emails via your Atlas account as well as all posted announcements in Canvas and the MyStatLab website. Please try to check frequently! Should you have any questions, feel free to drop me an e-mail.

All Course Work Deadlines:

Do not confuse “due” date with a “do” date. There are no extensions on deadlines. You should be working ahead of the deadline date and time. This is simply the last time the work will be available for credit.

Grading:

Orientation Module	5 points	895 – 1000 points = A	90%
Homework (MyStatLab)	245 points	795 – 894 points = B	80%
Quizzes (MyStatLab)	350 points	695 – 794 points = C	70%
Midterm Exam	200 points	595 – 694 points = D	60%
Comprehensive Final Exam	200 points	0 – 594 points = F	

Partial credit on homework, quizzes, and exams is given, when appropriate, solely at the discretion of the instructor.

Grades will not be disclosed over the telephone or via e-mail, except through your Atlas account. You must meet with the instructor if you wish to discuss your grade.

Homework:

First, you will be prompted to view media material on the left-hand side of the Homework Panel. After you have viewed all required Media, the homework problems will be accessible. You will be able to “redo” each problem on the Homework until you get them correct (up until the deadline). Once a homework problem is marked “wrong” (with a red X), a button entitled “Similar Exercise” will appear. You can try this new problem for another attempt at the same type of question. Your grade for each Homework assignment will be the LAST grade before the deadline so please work each Homework assignment until you get 100%. ☺ Your grade will count the highest 7 out of the 8 Homework assignment scores – *I will drop the lowest homework score, but not until the end of the semester.* You can work ahead on any homework assignment. Please be aware of all deadlines.

Quizzes:

You will be able to take the quiz **twice** and I will automatically count the higher of the two scores. The **ONLY REASON** you should not do a 2nd attempt at the Quiz is if you made a 100% on your 1st attempt. Your grade will count the highest 7 out of the 8 Chapter Quiz scores – *I will drop the lowest quiz score, but not until the end of the semester.*

Technical Problems:

Technical problems such as power outages and unavailability of Internet connections can happen. Do not wait until the last minute to complete your homework, quizzes, and tests. **Technical problems are not an acceptable excuse for work that has not been completed by the due date.**

For MyMathLab/MyStatLab technical support: (for the online Homework/Quizzes) Once logged into MyStatLab, in the upper right-hand corner (near “Logout”) is a link for “Help and Support.” You can follow that link to “Contact Customer Technical Support.” Alternately, the Phone Number for Pearson Education Customer Technical Support is 800-677-6337: Monday-Friday from 8am-8pm EST. For technical issues, please contact them not me!! ☺

Midterm and Final Exams:

You must take the Midterm Exam and the Final Exam at one of Valencia's Testing Centers (any campus is okay)... or an approved (by me) testing center (****pre-arrangement at least 2 weeks prior is required!!****)

- The MIDTERM EXAM will be closed-book. You may have your calculator and ONE 3x5 notecard with notes, formulas, etc. on it (written or typed, both sides okay). To review for this please use the *Midterm Review* in the Homework tab of MyStatLab. Plan on studying this Review for 10-12 hours to be prepared.
- The FINAL EXAM will cover material from the entire course, it will be closed-book. You may have your calculator and Two 3x5 notecards with notes, formulas, etc. on it (written or typed, both sides okay). To review for this please use the *Final Exam Review* in the Homework tab of MyStatLab. Plan on studying this Review for 12-15 hours to be prepared. The deadline for the Final Exam is THURSDAY, July 26, 2018. **PLEASE DO NOT WAIT UNTIL THE LAST DAY TO COMPLETE THE FINAL EXAM**, as the testing centers get terribly crowded. If you do not take the Final Exam by the deadline, you may receive a final grade of F.

****Prearranging an alternate testing site:** If you cannot make it to a Valencia Testing Center for the Midterm Exam or Final Exam, it is your responsibility to locate a local community college/college/university that is willing to do correspondence exams. The facility must have internet access and a proctor to check your ID and watch you take the test. You must then provide the Alternative College/University Testing Form to your instructor at least two weeks prior to the testing window, this includes those using ProctorU. For more details regarding ProctorU, please review the requirements under the Important Information Module in Canvas. If you do not take the test during the designated week, a 20% LATE PENALTY will be assessed to your score for all tests taken after specified deadlines, unless extenuating circumstances, i.e. hospitalization (appropriate documentation will be required). I must have a completed Alternative College/University Testing Form 2 weeks before you wish to take the exam and it is not an approved site until I send you an email asserting so. Please be aware that schools charge a fee to proctor tests and this charge will be your responsibility.

Valencia Testing Centers:

Each Valencia campus has different Testing Center hours, please check the hours before you go to take your Midterm and Final Exam. The hours and locations for each campus can be found online at <http://valenciacollege.edu/testing-center/>

Valencia ID Card:

Valencia ID cards are REQUIRED in order to use the Testing Center (for the Midterm and Final Exam) and Tutoring Centers. ID cards are free and can be obtained from the Security Office on each campus – Osceola Security is Osceola 2-109, West Security is West SSB 170, East Security is East 5-220, Lake Nona Security is LN 1-150, and Winter Park Security kiosk is directly inside the main entrance to the building.

Student Conduct:

By enrolling at Valencia College, a student assumes the responsibility for becoming familiar with and abiding by the general rules of conduct. It is expected that you conduct yourself in a professional manner at all times during class and Standard Netiquette Rules are required in an online course. Violation of any classroom rules (including the online environment) or Valencia's rules may lead to disciplinary action up to and including expulsion from Valencia. Disciplinary action could include being withdrawn from class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. You will find the Student Code of Conduct in the current Valencia Student Handbook.

Academic Honesty:

You are expected to do your own work on homework, quizzes, and exams. Providing information to another student or receiving information concerning exam content is considered cheating. The professor reserves the right to determine the appropriate penalties within Valencia College's academic honesty policies.

Student Feedback on Instruction (SFI):

This term you will receive an invitation through your Valencia e-mail account asking you to complete the Student Feedback on Instruction (SFI) to provide us with feedback on your experience in this class and to help us to improve the course. The results are released only after grades are submitted. Student names are not included in the results – your responses will be anonymous. Please send your feedback to Valencia through the SFI when it opens. We want to learn more about your experiences while we continually improve our courses.

Special Accommodations:

Students with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably before the first weekly assignment is due. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities.

(Osceola Campus – 2-102 – Phone 407-582-4167 - <http://valenciacollege.edu/osd/>)

Student Assistance Program:

Valencia College is interested in making sure all our students have a rewarding and successful college experience. To that purpose, Valencia students can get immediate help with issues dealing with stress, anxiety, depression, adjustment difficulties, substance abuse, time management as well as relationship problems dealing with school, home or work. BayCare Behavioral Health Student Assistance Program (SAP) services are free to all Valencia students and available 24 hours a day by calling (800) 878-5470. Free face-to-face counseling is also available.

Changes in this syllabus, course calendar, evaluation procedure, and any assignments may be made at any time, at the discretion of the professor, by sending an email to your Atlas email account and/or posting an Announcement to Canvas.

Instructions for Accessing Course through MyStatLab

MyStatLab is an interactive website where you can:

- Self-test & work through practice exercises with step-by-step help to improve your math skills.
- Study more efficiently with a personalized study plan and exercises that match your book.
- Get help when YOU need it. MyStatLab includes multimedia learning aids, videos, animations, and live tutorial help.

To register for MyStatLab you need:

- MyStatLab Student Access Code
- A valid email address that you CHECK REGULARLY
- You Do NOT need the Instructor's Course ID since you are registering through Canvas and the courses are already linked!!

Student Registration:

- Enter the Canvas Course for this class - <http://online.valenciacollege.edu>
- Click on MyLab and Mastering in the Course Navigation links on the left
- Click the Yellow Box that says Open MyLab & Mastering
- Read and accept the License Agreement and Privacy Policy
- Sign in if you already have a Pearson account or follow the instructions to create an account. Use an email address THAT YOU CHECK and, if possible, use your Atlas login for your username. Please remember that ALL VALENCIA STUDENT EMAIL ADDRESSES are in the form youratlasusername@mail.valenciacollege.edu.
- You are now prompted for an Access Code, Payment, or Request for Temporary Access.

Once your registration is complete, a confirmation page appears. You will also receive this information by email. Make sure you print the confirmation page as your receipt. Remember to write down your username and password. You are now ready to access your resources!

Signing In:

- Enter this Canvas Course
- Click on the appropriate Chapter Button
- Click the Next button at the bottom of the screen until you reach the correct resource or assignment
- Go to www.pearsonmylab.com and click Sign In.
- Enter your Pearson username and password and click Sign In.
- On the left, click the name of your course.

The first time you enter your course from your own computer and anytime you use a new computer, click the Browser Check on the Announcements page. After completing the installation process and closing the wizard, you will be on your course home page and ready to explore your MyStatLab resources!

Need help? Contact Product Support at <http://www.mystatlab.com/student-support> for live CHAT, email, or phone support.

STA 2023 – Statistical Methods Course Calendar

All Chapter work is due by 12:00 NOON, Eastern Time on the
Designated THURSDAY!!

<u>Description of Activities</u>	<u>Due Date</u>
<p>1) Complete Orientation Module in Canvas https://online.valenciacollege.edu/ which includes:</p> <ul style="list-style-type: none"> • <u>Time Management Schedule</u> • <u>Class Introductions</u> • <u>Course Overview Quiz</u> <p>2) <u>REGISTER</u> in MyStatLab (see previous page of this syllabus for directions)</p> <p>3) <u>REGISTER</u> for Remind</p> <p>4) Chapter 1</p> <ul style="list-style-type: none"> • Read Chapter 1 • Complete Online Homework for Chapter 1 <p><u>All the above must be done to verify first-week attendance or you may be dropped from the course as a no-show.</u></p>	<p>THURSDAY, MAY 10 BY NOON</p>
<p>Chapter 1</p> <ul style="list-style-type: none"> • Take Chapter 1 Quiz Online <ul style="list-style-type: none"> ○ Take twice – highest score counts <p>Chapter 2</p> <ul style="list-style-type: none"> • Read Chapter 2 • Complete Online Homework for Chapter 2 	<p>THURSDAY, MAY 17 BY NOON</p>
<p>Chapter 2</p> <ul style="list-style-type: none"> • Take Chapter 2 Quiz Online <ul style="list-style-type: none"> ○ Take twice – highest score counts <p>Chapter 3</p> <ul style="list-style-type: none"> • Read Chapter 3 • Complete Online Homework for Chapter 3 	<p>THURSDAY, MAY 24 BY NOON</p>
<p>Chapter 3</p> <ul style="list-style-type: none"> • Take Chapter 3 Quiz Online <ul style="list-style-type: none"> ○ Take twice – highest score counts <p>Chapter 4</p> <ul style="list-style-type: none"> • Read Chapter 4 • Complete Online Homework for Chapter 4 	<p>THURSDAY, MAY 31 BY NOON</p>
<p>Chapter 4</p> <ul style="list-style-type: none"> • Take Chapter 4 Quiz Online <ul style="list-style-type: none"> ○ Take twice – highest score counts 	<p>THURSDAY, JUNE 7 BY NOON</p>

<p><u>PROCTORED MIDTERM EXAM – Study the <i>Midterm Review</i> in the Homework tab of MyStatLab to prepare. Plan on studying 10-12 hours to be ready. Bring ID, calculator, and ONE 3x5 notecard with notes, formulas, calculator steps, etc.</u></p> <p>The MIDTERM EXAM MUST be taken at a Valencia Testing Center (or a pre-approved site) and you <u>MUST</u> be there <u>3 hours</u> before they close.</p> <p>Each campus' <u>Testing Center</u> has different hours of operation, so be sure to verify the hours for the site you choose to visit.</p>	<p><u>MIDTERM MUST BE TAKEN BY</u></p> <p>THURSDAY, JUNE 14 WHEN THE TESTING CENTERS CLOSE</p> <p>(SO, NOT A NOON DEADLINE FOR MIDTERM)</p>
<p>Chapter 6</p> <ul style="list-style-type: none"> • Read Chapter 6 • Complete Online Homework for Chapter 6 	<p>THURSDAY, JUNE 21 BY NOON</p>
<p>Chapter 6</p> <ul style="list-style-type: none"> • Take Chapter 6 Quiz Online <ul style="list-style-type: none"> ○ Take twice – highest score counts <p>Chapter 7</p> <ul style="list-style-type: none"> • Read Chapter 7 • Complete Online Homework for Chapter 7 	<p>THURSDAY, JUNE 28 BY NOON</p>
<p>Chapter 7</p> <ul style="list-style-type: none"> • Take Chapter 7 Quiz Online <ul style="list-style-type: none"> ○ Take twice – highest score counts <p>Chapter 8</p> <ul style="list-style-type: none"> • Read Chapter 8 • Complete Online Homework for Chapter 8 	<p>THURSDAY, JULY 5 BY NOON</p>
<p>Chapter 8</p> <ul style="list-style-type: none"> • Take Chapter 8 Quiz Online <ul style="list-style-type: none"> ○ Take twice – highest score counts <p>Chapter 9</p> <ul style="list-style-type: none"> • Read Chapter 9 • Complete Online Homework for Chapter 9 	<p>THURSDAY, JULY 12 BY NOON</p>
<p>Chapter 9</p> <ul style="list-style-type: none"> • Take Chapter 9 Quiz Online <ul style="list-style-type: none"> ○ Take twice – highest score counts 	<p>THURSDAY, JULY 19 BY NOON</p>
<p><u>PROCTORED FINAL EXAM – Covers material from the entire course. Study for it using <i>Final Exam Review</i> in Homework tab of MyStatLab. Plan on studying 12-15 hours to be prepared. Bring ID, calculator, and Two 3x5 notecards with notes, formulas, calculator steps, etc.</u></p> <p>The FINAL EXAM MUST be taken at a Valencia Testing Center (or a pre-approved site) and you <u>MUST</u> be there <u>3 hours</u> before they close.</p> <p>Each campus' <u>Testing Center</u> has different hours of operation, so be sure to verify the hours for the site you choose to visit.</p>	<p><u>FINAL EXAM MUST BE TAKEN BY</u></p> <p>THURSDAY, JULY 26 WHEN THE TESTING CENTERS CLOSE</p> <p>(SO, NOT A NOON DEADLINE FOR FINAL)</p>