STATISTICAL METHODS I

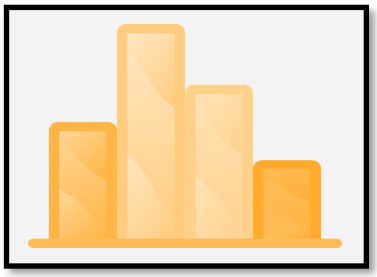
FALL 2020 STAT 2300 SYLLABUS VAGNOZZI

Welcome to **STAT 2300**! Review this syllabus to get caught up on all the ins and outs of our class this semester — think of it as a contract between you, the student, and the instructor.

General Syllabus

This document is intended as a supplement to the **General Course Syllabus**, which can be found on the STAT 2300 Course Page at https://mthsc.clemson.edu/ug_course_pages/STAT2300. This course will follow all course information and policies established in the General Syllabus.

Section Details



Section 001 MW 8:00 AM—8:50 AM EST Barnes 100*

**The course will take place online until September 21st.*

Instructor

Anna Marie Vagnozzi
avagnoz@clemson.edu

Virtual Office Hours: See Canvas, or email me to set up an appointment!

About Me: I completed my M.S. in Mathematical Sciences at Clemson University and my B.S. in Mathematics at Campbell University (Go Camels!). When not teaching math, you can usually find me hiking, making home-made pasta, attempting to propagate succulents, or curled up with a good book and mug of coffee.

Communication

This course uses **Canvas** to post announcements, lecture videos, grades, assignments, and other relevant materials. You are responsible for checking Canvas regularly.

Email is the preferred method of communication with the instructor for this course. I will generally respond within 24 hours on week days. Emails sent after 7 PM EST or on weekends are not guaranteed to be answered before the next business day, but feel free to send an email at any time and I will respond as soon as I am able.

Students are also encouraged to ask questions in the **Q&A Discussion Forum** on Canvas, which I monitor regularly. This is a good place to ask questions about assignments, exams, and course procedures so your classmates can benefit from the discussion!

Course Structure

From August 19th to September 21st, this course will be completely online and we will meet via Zoom for the scheduled class time. On September 21st, Clemson University is scheduled to resume in-person classes. However, **the course may pivot to online at any point in the semester** based on the discretion of the instructor and the University. We will return to fully online after Thanksgiving break.

More information about attending in-person classes will be available closer to September 21st. Students will be expected to follow all University guidance on COVID-19 mitigation strategies to ensure a safe return to in-person classes.

Course Structure (continued)

This course will be conducted in a "flipped classroom" format. The general course flow is as follows.

Before Class	During Class	End of Each Section / End of Each Unit
Watch **lecture video(s)** in Canvas to complete the assigned pages in the **lecture notes**.	Complete **learning activities (LAs)** to reinforce your learning. Upload in-class LAs to Canvas for optional feedback by 11:00 PM EST.	Complete homework assignments in **MyStatLab**. Complete a **unit exam**. (See the General Syllabus for exam details.)

In-class **learning activities (LAs)** will consist of handwritten assignments that will be completed in groups and may be submitted through Canvas for feedback. Additional details on completing LAs will be provided in class. Be aware that you will have additional lab assignments for **STAT 2301**.

Attendance

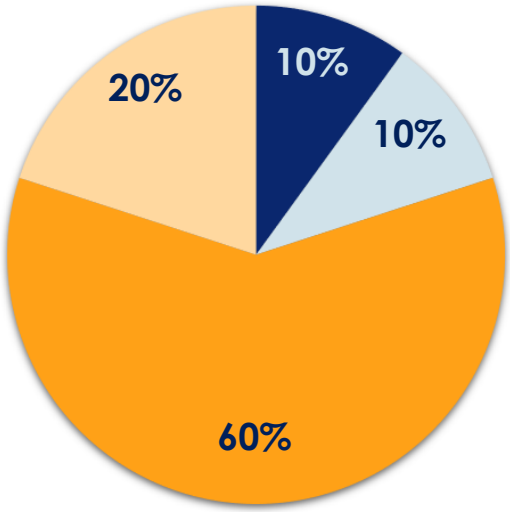
Attending class is highly valuable for success in this course. In the event that you need to miss class, please notify your instructor **as soon as possible** if you would like to complete the in-class LA for feedback.

Due Dates and Late Work

All assignments will be due at **11:00 PM EST on the due date** unless otherwise specified (note that some due dates are adjusted for exam dates). Permission to turn in any assignments later than the due date will be granted by the instructor on a case-by-case basis, contingent upon communication from the student **prior to the due date**. More information on due dates can be found in the **Course Calendar**.

Collaboration

Discussing in-class assignments is highly encouraged, and group work will be an integral part of this course. However, **you are expected to write up your own solutions** on individual assignments. See the **General Syllabus** for more information on the Academic Integrity Policy.



Grading Procedures

10%	MyStatLab Homework
10%	Lab Grade (STAT 2301)
60%	Three Unit Exams (20% Each)
20%	Final Exam

In-class activities do not count directly to your grade, but are one of the best ways to gain valuable practice and feedback from the instructor to help you prepare for your homework and exams, which will boost your grade in the long run!

For additional information about grading policies, see the **General Syllabus**.

Important Dates

August 19	First Class Meeting
September 1	Last Day to Drop Course
September 21	Exam 1 (Online)
October 19	Exam 2 (Online)
October 23	Last Day to Withdraw from Course
November 2-3	Fall Break
November 16	Exam 3 (Online)
November 25-27	Thanksgiving Break
December 7	Final Exam (Online)

Additional information on due dates and exam times can be found in the **Course Calendar.**

Commitment to Diversity & Inclusion

It is my goal to create a welcoming environment in the classroom that invites different perspectives and respects individual differences. Students are expected to treat one another with respect and kindness at all times.

Tips for Success In This Course

- **Come to class!** You gain the most from the course when you attend class ready to engage.
- **Attend office hours.** You don't need to be "stuck" to come to office hours. Office hours can be for touching base about your progress in the course, asking questions, reviewing material, studying for an exam, and even doing homework and asking questions as you go.
- **Communicate with the instructor.** Life happens, and it's normal to occasionally miss a due date, get a grade you didn't expect, or want additional clarification on an assignment. The key is to communicate with me and let me know what's going on. My email inbox is always open.
- **Read the syllabus carefully.** If you don't, you might not know important pieces of information that can help you do well in this course. (Like the fact that my favorite TV show is Parks & Rec.)
- **If you don't understand, ask.** Whether it's in class, during office hours, or via email, ask questions to clarify concepts that are fuzzy to you. Remember that learning is a two-way street. As your instructor, I'm here to help, but *you* are responsible for asking for that help if you're struggling.
- **Use a pencil and paper (or a tablet!).** Math is hands-on. Take notes while watching lecture videos and work problems along with me. Even when working online exercises, take time to work out problems by hand.
- **Stay organized.** I recommend keeping a binder or folder to save any loose assignments.
- **Complete all assignments.** Math takes a lot of practice! Take advantage of *all* the work assigned to boost your grade and better learn the material.
- **Keep a positive attitude!** Students with negative attitudes towards math generally do not do as well in math and statistics courses. The more positive you are as you approach this topic, the better your grades will be — I promise!

I'm looking forward to having you in my course this semester.

Let's learn some statistics!

Tentative Course Information and Policies (General Syllabus)

Course Description

This course introduces basic statistical concepts and methods of statistical inference. Course topics include data collection, organization and presentation of data, measures of central tendency and variation, elementary probability, the binomial distribution, the normal distribution, sampling distributions, confidence intervals, hypothesis tests, correlation, and simple linear regression. This course stresses the role of statistics in interpreting research and the general application of the methods. Statistical software will be used for analyzing data.

Prerequisites

To enroll in STAT 2300 a student must have credit for any MATH course or STAT 2220 or have a score of 65 or better on the Clemson Mathematics Placement Test. This course is not open to students who have received credit for MATH 3020 or STAT 3090.

General Education Competencies

This course satisfies 3 credits of the **Mathematical, Scientific, and Technological Literacy** general education requirement, and specifically addresses the following general education competencies:

B. Mathematics

Demonstrate mathematical literacy through solving problems, communicating concepts, reasoning mathematically, and applying mathematical or statistical methods, using multiple representations where applicable.

H. Critical Thinking

Demonstrate the ability to assemble information relevant to a significant, complex issue, evaluate the quality and utility of the information, and use the outcome of the analysis to reach a logical conclusion about the issue.

Learning Objectives

1. Distinguish between a population and a sample, and explain the process and relevance of statistical inference.
2. Understand how to produce data that provide clear answers to properly posed questions.
3. Identify variables as either quantitative or qualitative and select appropriate statistical techniques on this basis.
4. Create and interpret graphical displays and numerical summaries of data.
5. Apply the basic rules of probability, and extend those principles to discrete and continuous probability distributions.
6. Understand the concept of a sampling distribution and how it applies to making statistical inferences about a population based on sample data.
7. Calculate and interpret confidence intervals for one and two population proportions and for one and two population means.
8. Conduct hypothesis tests for one and two population proportions and one and two population means, and draw appropriate conclusions from their results.
9. Analyze the association between two quantitative variables using linear regression techniques.

Required Materials

1. Course Packet

Students are required to purchase the STAT 2300 course packet of lecture notes from the Campus Copy Shop (www.campuscopyshop.com) located at 189 Old Greenville Hwy across from the Clemson tennis courts ($42.10). Electronic copies of the notes will not be supplied during the semester. If you will not be in Clemson and need the packet shipped to you (cost with shipping is $63.49), please contact the Campus Copy Shop using the phone number listed below. Payment is required when you place your order.

Campus Copy Shop
189 Old Greenville Hwy. Suite A
Clemson, SC 29631
P 864.654.3863
Monday - Friday 9:00am - 5:30pm
www.campuscopyshop.com

2. MyStatLab

Students must purchase a MyStatLab access code associated with *Statistics: Informed Decisions Using Data*, 6th edition (2021) by Michael Sullivan. Instructions for signing in to MyStatLab for the first time will be on Canvas (a 14 day free trial is available if needed). MyStatLab will be integrated into your Canvas course. There are several options for purchasing MyStatLab access:

- Purchase MyStatLab with eBook "18-week" access directly from Pearson when you sign in to MyStatLab on Canvas for the first time for $79.99.
- Purchase MyStatLab with eBook "24 month" access directly from Pearson when you sign in to MyStatLab on Canvas for the first time for $114.99
- Purchase a MyStatLab with eBook "18-week" access code card from the Clemson campus bookstore before signing in to MyStatLab for the first time for $93.90.

Note: Students who will be taking the subsequent course, STAT 3300, that uses our same textbook should choose the "24 month" access option.

3. Calculator

A scientific calculator such as a TI-30 is required (a graphing calculator such as a TI-84 is permitted). Students will need to have a calculator with them for every lecture and lab class, and for every exam. Students will not be permitted to use the calculator functions on their laptop computers or cell phones as a substitute for a calculator.

4. JMP® Statistical Software

Students will learn how to analyze data using the statistical software package JMP (pronounced "jump"), which is available as a free web download for Clemson students at http://ccit.clemson.edu/support/current-students/software-and-applications/web-downloads/. The use of JMP will be required to complete both the lab assignments and the MyStatLab assignments.

Websites

https://mthsc.clemson.edu/ug_course_pages/STAT2300 - General STAT 2300 site which includes this syllabus, a daily schedule, unit learning objectives, announcements, and other useful information.

www.clemson.edu/canvas/ – Follow links to your section of STAT 2300 and STAT 2301 in Canvas. Students are responsible for checking this website and their university email account (userid@clemson.edu) on a regular basis for announcements and class materials.

MyStatLab is an on-line homework system that uses exercises from the *Statistics: Informed Decisions Using Data* textbook. It will be integrated in your Canvas course. **A copy of the eBook is located under the eText link on the course home page menu.** If you have any technical difficulties with MyStatLab, you can reach Technical Support by going to https://support.pearson.com/getsupport/s/.

Required Technology

1. JMP® Statistical Software
   The JMP® (pronounced "jump") software is available as a free download for Clemson students at: https://ccit.clemson.edu/support/current-students/software-and-applications/web-downloads/.
2. Students are expected to be comfortable accessing the online course site and downloading files. Those enrolled in the course must be comfortable with their computer system and be willing to deal with any problems that may arise. Minimum requirements include:
   - Access to a computer with speakers or headphones as the course includes audio components.
   - Web camera and microphone (integrated with laptop is sufficient)
   - Regular and reliable internet access.
3. You are responsible for checking the course website, Canvas and your university e-mail account (userid@clemson.edu) on a regular basis for announcements and class materials.
4. LockDown Browser + Webcam Requirement
   This course requires the use of LockDown Browser and a webcam for online exams. The webcam can be the type that's built into your computer or one that plugs in with a USB cable.

   Watch this brief video to get a basic understanding of LockDown Browser and the webcam feature.
   https://www.respondus.com/products/lockdown-browser/student-movie.shtml
   Download Instructions
   Download and install LockDown Browser from this link:
   https://download.respondus.com/lockdown/download.php?id=548836813
   Once Installed
   - Start LockDown Browser
   - Log into to Canvas
   - Navigate to the quiz

   Note: You won't be able to access a quiz that requires LockDown Browser with a standard web browser. If this is tried, an error message will indicate that the test requires the use of LockDown Browser. Simply start LockDown Browser and navigate back to the exam to continue.
   Guidelines
   When taking an online quiz, follow these guidelines:
   - Ensure you're in a location where you won't be interrupted
   - Turn off all other devices (e.g. tablets, phones, second computers) and place them outside of your reach
   - Before starting the test, know how much time is available for it, and also that you've allotted sufficient time to complete it

- Clear your desk or workspace of all external materials not permitted - books, papers, other devices
- Remain at your computer for the duration of the test
- If the computer, Wi-Fi, or location is different than what was used previously with the "Webcam Check" and "System & Network Check" in LockDown Browser, run the checks again prior to the exam
- To produce a good webcam video, do the following:
    - Avoid wearing baseball caps or hats with brims
    - Ensure your computer or device is on a firm surface (a desk or table). Do NOT have the computer on your lap, a bed, or other surface where the device (or you) are likely to move
    - If using a built-in webcam, avoid readjusting the tilt of the screen after the webcam setup is complete
    - Take the exam in a well-lit room, but avoid backlighting (such as sitting with your back to a window)
- Remember that LockDown Browser will prevent you from accessing other websites or applications; you will be unable to exit the test until all questions are completed and submitted

Getting Help

Several resources are available if you encounter problems with LockDown Browser:

- The Windows and Mac versions of LockDown Browser have a "Help Center" button located on the toolbar. Use the "System & Network Check" to troubleshoot issues. If an exam requires you to use a webcam, also run the "Webcam Check" from this area
- Respondus has a Knowledge Base available from support.respondus.com. Select the "Knowledge Base" link and then select "Respondus LockDown Browser" as the product. If your problem is with a webcam, select "Respondus Monitor" as your product
- If you're still unable to resolve a technical issue with LockDown Browser, go to support.respondus.com and select "Submit a Ticket". Provide detailed information about your problem and what steps you took to resolve it

In the event that the LockDown Browser and or WebCam option fails campus wide, information will be provided as to how tests will be proctored.

General Structure of the Course

Prior to each class meeting, students should complete the homework assignment from the previous class meeting, read the assigned material in the text, and watch the lecture video for the assigned section(s). In the lab meetings, course material will be reinforced through application problems, hands-on activities, simulations, simple experiments, and the use of statistical software. It is the responsibility of the student to master the objectives of the course.

Grading Policy

The final STAT 2300 course average will be determined by the following:

- The STAT 2301 lab grade, weighted 10%
- MyStatLab homework assignments, weighted 10%
- Scores on 3 unit tests, weighted 20% each (60% combined)
- The final exam score, weighted 20%

The final numerical course average is computed according to the more favorable of the two methods shown below:

Method 1	
MyStatLab Homework	10%
Lab Grade	10%
3 Tests @ 20% Each	60%
Final Exam	20%
Total	100%

Method 2	
MyStatLab Homework	10%
Lab Grade	10%
Best 2 of 3 Tests @ 20% Each	40%
Final Exam	40%
Total	100%

This policy has the effect of replacing the lowest test score with the final exam score if this improves the final course average. No extra credit work will be given and no grades will be curved.

The course grade is calculated according to the usual 10-point grading scale. That is, the minimum course average for an A is 90, for a B is 80, for a C is 70, for a D is 60, and below 60 is an F.

Lab Assignments

The STAT 2301 lab grade will consist of 9 online lab assignments, each counting 100 points. Students will attend Zoom sessions during their lab class time and complete the lab assignment in Canvas. Please see the STAT 2301 lab syllabus for details. **To allow for illness, family emergencies, and religious holidays, one low (or missing) lab grade will be dropped in the calculation of the final lab grade.**

MyStatLab Homework Assignments

There are 25 MyStatLab homework assignments, each counting 100 points. **It is the student's responsibility to complete the homework assignment prior to 11pm on the due date (5pm on test days), no exceptions.** Note that instructors must manually enter a grade of zero for all incomplete homework assignments, and as such the homework grade posted in MyStatLab will be artificially high until this is done. **To allow for illness, family emergencies, religious holidays, and computer malfunctions, two low (or missing) homework grades will be dropped before the final homework grade is calculated.**

In general, within a given generation of a homework problem students will have two attempts to correctly answer each multiple-choice part and three attempts for each free response part. Additionally, students will have up to five re-generations of a homework problem by selecting **Similar Exercise**. This requires all parts of a problem to be re-worked, but will save the best score. The **View an Example** option shows a similar example with explanations but will not re-generate the current problem. The **Help Me Solve This** option shows how to solve the current generation of a problem, but requires students to solve a new generation of a problem once they return (and will

reduce the number of re-generations allowed by one). You can review a past due assignment at any time by going to the Gradebook section and clicking on the **Review** link for that assignment.

Pay careful attention to the number of decimal places requested for a final answer. Entering in more or fewer decimal places than requested will cause an answer to be marked incorrect. In order to make sure that an answer is within the range of acceptable values, students should *carry out all intermediate calculations to five decimal places*. Also pay attention to any **Instructor Tips** that give information about how to solve the problem using JMP.

***NOTE*: The lab assignment and homework components of the course grade often will not accurately reflect the final course grade.**

Unit Tests and the Final Exam

All exams must be taken on the dates given in the course schedule. The exams will be online and will require the use of the Respondus Lockdown Browser and Monitor (Webcam). Note that the final exam is comprehensive, and no student is permitted to exempt the final exam. The designated time for STAT 2300 unit exams is Mondays from 5:30pm – 7:00pm. The dates for the unit tests are as follows:

Exam 1 – Sept 21 (The alternate time for an excused make-up exam due to students moving onto campus is Sunday Sept 27 at 5:30 pm)
Exam 2 – Oct 19
Exam 3 – Nov 16

The final exam date and time is:
Final Exam – Dec 7 at 11:30 am- 2:00 pm.

Students will be given 90 minutes (1.5 hours) to complete each unit test and 150 minutes (2.5 hours) for the final exam. The material to be covered on each unit test is specifically outlined in the Unit Learning Objectives documents on the course website. The use of a textbook or notes is prohibited on all unit tests and the final exam, but students will be provided with a formula sheet that will be posted in advance. Use of unapproved technology will lead to a charge of academic dishonesty. You may not contact anyone other than the instructor during an exam.

An absence from a test or exam will result in a grade of zero. Note that the final exam score can be used in place of a missing test score for one exam only. In general, make-up tests are not given. However, if a student misses a unit test or the final exam for a reason that would qualify as an excused absence and can provide the proper documentation, a make-up test may be permitted if the request is made no later than **24 hours <u>prior</u> to the scheduled test or exam.** Realize that a note simply stating a student was at Redfern on the date of the exam does not qualify as proper documentation. An excused absence for medical reasons will only be granted if a note from a doctor that indicates the student should not attend work or school on the date of the exam can be provided.

No rescheduling of any exam will be permitted to accommodate travel arrangements. Per Clemson University policy, a student who has more than two final exams in one calendar day, or two final exams at the same time, should contact the instructors no less than one week prior to the last

class meeting to reschedule an exam. Common exam times, regardless of course number, may not be rescheduled.

Attendance

You are expected to be regular and punctual in your class attendance whether in person or online. For more details see the **Weekly Structure of the Course** and your instructor's supplemental syllabus.

Canvas allows you as a student to quickly notify instructors of an absence from class and provides set categories (e.g. court attendance, illness, family illness or death, military duty, hospitalization, university function, religious observance). This does not serve as an excuse from class but allows students to communicate with instructors (all or some, of their choice). Consult with instructors when discussing absences. The Dean of Students' office can also be of assistance.

If you report testing positive for COVID or have been asked to quarantine/isolate because of exposure to the virus, it will be up to you to inform your instructor that you will be moving to online only instruction for at least the next two weeks. Students are directed to use the Notification of Absence module in Canvas to initiate this notification. Additional communication via email is encouraged; you should follow up with your instructor to develop a continued plan of study.

Students can use iROAR to add courses through August 25, to drop courses without record through September 1, and to drop with a W grade through October 23, 2020.

Students that have not participated in class activities by the second week, after the last day to add a class (August 25), will be removed from the roll. A student with an excessive number of absences may be withdrawn at the discretion of the course instructor. For the Fall 2020 semester, "excessive absences" would be applicable to students that never engage in class activity (in person and/or online).

If an instructor does not arrive in the classroom within 15 minutes after the scheduled start time, class is dismissed for the day.

Because privacy regulations stipulate that faculty and staff communicate with students through authorized University channels, use your University email account or Canvas's messaging system to contact me.

Additional Requirement for Students not in Eastern Time Zone

The student must be able to attend class meetings and testing times (virtually) at scheduled Eastern time and meet other assignment deadlines in Eastern time.

Weekly Structure of the Course

This course will start online. Class meetings while class modality is fully online will be on Zoom. Further information about class meetings in hybrid mode will be given at a later time. Note that this class may stay or revert to fully online at any time if conditions warrant.

This course is being presented in a "flipped class" format. Prior to each class meeting (whether in person or online), students will use instructional videos to complete the assigned lecture guide notes.

Students will attend Zoom sessions with their instructor during their STAT 2300 lecture class time on Mondays/Wednesdays. Please see your instructor's supplemental syllabus for details.

Students will attend synchronous Zoom sessions with their lab instructor during their lab class time (either on Tuesday or Thursday depending on the STAT 2301 section they are registered for) and complete the lab assignment in Canvas. Please see the STAT 2301 lab syllabus for details.

Homework Help Lab Hours

A lab instructor will conduct Homework Help hours via Zoom **every Monday and Wednesday.** See the schedule posted on the lab Canvas for times and instructors on duty. These drop-in hours are for students to get help with the homework from the lab instructor on duty. **Students are expected to begin their homework early enough such that they are able to attend homework help hours if they experience difficulties completing the assignment.**

Tutoring through the Academic Success Center

The Academic Success Center provides free services, including tutoring, academic coaching, and academic skills workshops, for all Clemson students. Visit the Academic Success Center website http://www.clemson.edu/asc/ for more information on their services and workshops.

This course is supported by the Academic Success Center tutoring program. The ASC tutors have completed and done well in this course, and they understand the concepts well enough to help you work through questions you have. The ASC tutoring program is certified by the College Reading and Learning Association which means that our tutors are trained to share learning and study strategies during tutorial sessions. While tutors will not complete/correct homework for you or help you on tests or quizzes, they will help you understand and reinforce concepts that you are learning in your classes. For more information visit www.clemson.edu/asc/courses/tutoring/index.html.

Accessibility Statement

Clemson University values the diversity of our student body as a strength and a critical component of our dynamic community. Students with disabilities or temporary injuries/conditions may require accommodations due to barriers in the structure of facilities, course design, technology used for curricular purposes, or other campus resources. Students who experience a barrier to full access to this class should let the professor know and make an appointment to meet with a staff member in Student Accessibility Services as soon as possible. You can make an appointment by calling 864-656-6848 or by emailing studentaccess@lists.clemson.edu.

Students who receive Academic Access Letters are strongly encouraged to request, obtain and present these to their professors as early in the semester as possible so that accommodations can be made in a timely manner. It is the student's responsibility to follow this process each semester. You can access further information here: https://www.clemson.edu/academics/studentaccess/.

Academic Integrity Policy

Students are expected to adhere to the following Clemson University Academic Integrity Policy: "As members of the Clemson University community, we have inherited Thomas Green Clemson's vision of this institution as a 'high seminary of learning.' Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form."

Title IX (Sexual Harassment) Statement

Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran's status, genetic information or protected activity (e.g., opposition to prohibited discrimination or participation in any complaint process, etc.) in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972.

The University is committed to combatting sexual harassment and sexual violence. As a result, you should know that University faculty and staff members who work directly with students are required to report any instances of sexual harassment and sexual violence, to the University's Title IX Coordinator. What this means is that as your professor, I am required to report any incidents of sexual harassment, sexual violence or misconduct, stalking, domestic and/or relationship violence that are directly reported to me, or of which I am somehow made aware.

There are two important exceptions to this requirement about which you should be aware: Confidential Resources and facilitators of sexual awareness programs such as "Take Back the Night and Aspire to be Well" when acting in those capacities, are not required to report incidents of sexual discrimination.

Another important exception to the reporting requirement exists for academic work. Disclosures about sexual harassment, sexual violence, stalking, domestic and/or relationship violence that are shared as part of an academic project, a research project, classroom discussion, or course assignment, are not required to be disclosed to the University's Title IX Coordinator.

This policy is located at http://www.clemson.edu/campus-life/campus-services/access/title-ix/. Ms. Alesia Smith is the Executive Director for Equity Compliance and the Title IX Coordinator. Her office is located at 223 Holtzendorff Hall, phone number is 864.656.3181, and email address is alesias@clemson.edu.

Inclement Weather:

Any assignments due at the time of a class cancellation due to inclement weather will be due at the next class meeting unless contacted by the instructor. Any extension or postponement of assignments or exams must be granted by the instructor via email or Canvas within 24 hours of the weather

related cancellation. In the event of the university closing during a scheduled exam, your instructor will notify you as to the date of rescheduled exam.

Specific COVID-19 related information for in-person classes

While on campus, face coverings are required in all buildings and classrooms. Face coverings are also required in outdoor spaces where physical distance cannot be guaranteed. Please be familiar with the additional information on the Healthy Clemson website, such as the use of wipes for in-person classes. If an instructor does not have a face covering or refuses to wear an approved face covering without valid accommodation, students should notify the department chair. If a student does not have a face covering or refuses to wear an approved face covering without valid accommodation, the instructor will ask the student to leave the academic space and may report the student's actions to the Office of Community & Ethical Standards as a violation of the Student Code of Conduct. If the student's actions disrupt the class to the extent that an immediate response is needed, the instructor may call the Clemson University Police Department at 656-2222.

Copyright Notice

Materials used in connection with this course may be subject to copyright protection by Title 17 of the United States code. Students are not allowed to post course materials, including completed lecture notes and lab assignments, to commercial websites such as Course Hero or Study Soup. Students that fail to comply with these restrictions may be liable for copyright infringement.

Emergency Preparedness

Clemson University is committed to providing a safe campus environment for students, faculty, staff, and visitors. As members of the community, we encourage you to take the following actions to be better prepared in case of an emergency:

1. Ensure you are signed up for emergency alerts (https://www.getrave.com/login/clemson),
2. Download the Rave Guardian app to your phone (https://www.clemson.edu/cusafety/cupd/rave-guardian/)
3. Learn what you can do to prepare yourself in the event of an active threat (http://www.clemson.edu/cusafety/EmergencyManagement/)

Academic Continuity Plan

Clemson has developed an Academic Continuity Plan for academic operations. Should university administration officially determine that the physical classroom facility is not available to conduct classes in, class will be conducted in a virtual (online) format. The University issues official disruption notifications through email texts and Social Media.

When notified, use one of the following links to navigate to Clemson Canvas where you will find important information about how we will conduct class:

Primary access link: www.clemson.edu/canvas

Secondary access link, if needed: https://clemson.instructure.com/

You can also use the Canvas Student App.

Cooper Library

Reference librarians are available in person and via text, phone, email, and chat to answer your research questions. Visit Ask a Librarian https://libraries.clemson.edu/ask/ for more information or to get in touch with a librarian https://libraries.clemson.edu/ask/.

Academic Advising

Academic advising https://www.clemson.edu/academics/advising/index.html is an ongoing educational process that connects the student to the University. Academic advising supports the University's mission of preparing the student for learning beyond the confines of the academy. Academic advisors represent and interpret University policies and procedures to the student and help the student navigate the academic and organizational paths of the institution.

Registrar

The Registrar's office http://www.registrar.clemson.edu/html/indexStudents.htm provides information about important deadlines, degree and program requirements, and other key information, including use of iROAR to add, drop, or withdraw from courses.

Success in the Course

In order to be successful in this course, students must be dedicated to the course work. Studying is critical for a student to master the learning objectives of this course. Students are expected to aggressively participate in their own learning by reading the e-textbook, practicing the course skill sets (found on the course website) and seeking help in a timely manner when necessary.

Online Conduct

Appropriate online academic conduct means maintaining a safe learning environment based on mutual respect and civility. All participants in Clemson courses are expected to behave professionally by adhering to these standards of conduct:

- Never transmit or promote content known to be illegal.
- Respect other people's privacy as well as your own.
- Forgive other people's mistakes.
- Never use harassing, threatening, embarrassing, or abusive language or actions.

Online communication that fails to meet these standards of conduct will be removed from the course. Repeated misconduct may result in being blocked from online discussions, receiving a grade penalty, or being dismissed from the course. Such misconduct in the online environment may also be reported to officials for appropriate action in accordance with University policy. If you ever encounter inappropriate content in our course, please contact me with your concerns.

Supplemental Course Information

Each instructor will provide a supplement to this syllabus with information pertinent to their section of STAT 2300 and each lab instructor will provide a syllabus for their STAT 2301 section.

Course Coordinator: Dr. Paran Norton, Martin Hall O-212, (864) 656-3049, pfisch@clemson.edu
Please be aware that all office hours are virtual, so e-mail is the best way to contact me.

General Course Syllabus Amendment

Final Exam Policy for Fall 2020

Due to the University's modified final exam policy, the following changes will be implemented in STAT 2300 in Fall 2020:

Students will be provided with a course grade on the last day of classes, Friday, December 4th. Students may opt to accept that course grade and exempt the final exam.

Course Grade Calculation for Exempted Final: The course average for students who choose to exempt the final will be calculated out of a total of 80% as follows:

(.10*MyStatLab Homework + .10*STAT 2301 Lab Average + .20*Test 1 + .20*Test 2 + .20*Test 3) / .80

If a student chooses to take the final exam, the final exam will count towards their course grade and their final grade will be determined by the more favorable of Methods 1 or 2 on the original course syllabus.

Students must formally confirm their decision regarding exempting the final exam by Sunday, December 6th at 11:59 pm by completing a survey on Canvas.

August 2020

STAT 2300: Statistical Methods I

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19 First Day of Class Introduction	20	21	22
23	24 Sections 1.1-1.3 MyStatLab Orientation	25	26 Sections 1.4-1.6 and 2.1 MSL HW 1.1-1.3	27	28	29
30	31 Sections 2.1-2.2 MSL HW 1.4-1.6	1	2	3	4	5

notes

■ = MyStatLab Homework (due at 11:00 PM EST unless otherwise noted)

■ = Class Topic (watch lecture videos before class)

■ = Exams

Note: See your STAT 2301 Syllabus for lab due dates.

September 2020

STAT 2300: Statistical Methods I

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	1	2 Sections 3.1-3.2 MSL HW 2.1-2.2	3	4	5
6	7 Sections 3.4-3.5 MSL HW 3.1-3.2	8	9 Sections 5.1 and 5.5 MSL HW 3.4-3.5	10	11	12
13	14 Sections 5.2-5.3 MSL HW 5.1 & 5.5	15	16 Sections 5.4 and 5.6 MSL HW 5.2-5.3	17	18	19
20	21 Exam #1 Review MSL HW 5.4 & 5.6 (due at 5 PM EST) Exam #1 (Ch.1-3,5) 5:30-7:00 PM EST	22	23 Section 6.1	24	25	26
27	28 No Class Section 6.2 (Watch Lecture Video)	29 MSL HW 6.1	30 Sections 7.1-7.2 MSL HW 6.2	1	2	3

notes

■ = MyStatLab Homework (due at 11:00 PM EST unless otherwise noted)

■ = Class Topic (watch lecture videos before class)

■ = Exams

Note: See your STAT 2301 Syllabus for lab due dates.

October 2020

STAT 2300: Statistical Methods I

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	1	2	3
4	5 Sections 7.2-7.3 MSL HW 7.1-7.2	6	7 Section 8.1 Mid-Unit Review MSL HW 7.2-7.3	8	9	10
11	12 Section 8.2 MSL HW 8.1	13	14 Section 9.1 MSL HW 8.2	15	16	17
18	19 Exam #2 Review MSL HW 9.1 (due at 5 PM EST) Exam #2 (Ch. 6-8, 9.1) 5:30-7:00 PM EST	20	21 Section 9.2	22	23	24
25	26 Section 10.1 MSL HW 9.2	27	28 Section 10.2 MSL HW 10.1	29	30	31

notes

■ = MyStatLab Homework (due at 11:00 PM EST unless otherwise noted)

■ = Class Topic (watch lecture videos before class)

■ = Exams

Note: See your STAT 2301 Syllabus for lab due dates.

November 2020

STAT 2300: Statistical Methods I

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Fall Break No class	3 Fall Break	4 Section 10.3 Mid-Unit Review MSL HW 10.2	5	6	7
8	9 Section 11.1 MSL HW 10.3	10	11 Section 11.3 MSL HW 11.1	12	13	14
15	16 Exam #3 Review MSL HW 11.3 (due at 5 PM EST) Exam #3 (9.2–11.3) 5:30-7:00 PM EST	17	18 Section 11.2	19	20	21
22	23 Sections 4.1–4.2 MSL HW 11.2	24	25 Thanksgiving Break No class	26 Happy Thanksgiving!	27 Thanksgiving Break	28
29	30 Sections 4.4 and 12.2 MSL HW 4.1–4.2	1	2	3	4	5

notes

■ = MyStatLab Homework (due at 11:00 PM EST unless otherwise noted)

■ = Class Topic (watch lecture videos before class)

■ = Exams

Note: See your STAT 2301 Syllabus for lab due dates.

December 2020

STAT 2300: Statistical Methods I

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	1	2 Final Exam Review MSL HW 4.4 & 12.2	3	4	5
6	7 Final Exam (Cumulative) 11:30 AM - 2:00 PM EST	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2

notes

- = MyStatLab Homework (due at 11:00 PM EST unless otherwise noted)
- = Class Topic (watch lecture videos before class)
- = Exams

Note: See your STAT 2301 Syllabus for lab due dates.