



THE OHIO STATE UNIVERSITY

SYLLABUS:

STAT 1350.02 – ELEMENTARY STATISTICS

SPRING 2024

Course overview

Instructor and Course Coordinator

Dr. Michelle Everson (everson.50@osu.edu)

Office Hours and Location: Tuesday 11 a.m.- 12 p.m., Thursday 2 - 3 p.m., and by appointment in 415 Cockins Hall. Note that although office hours are in person, Zoom meetings are always welcome and can be arranged when necessary.

Teaching Assistants

Shawn Chen (chen.4747@osu.edu), Jeongjin Lee (lee.10449@osu.edu), Ruoqi Song (song.1344@osu.edu), Yuxuan Xin (xin.155@osu.edu), and Zherui Zheng (zheng.1571@osu.edu)

MSLC Tutoring: Free online and in-person drop-in tutoring from our teaching assistants will be available through the Mathematics and Statistics Learning Center (MSLC). Tutoring will officially begin at the start of Week 2 of the semester; details about when tutoring will be available for STAT 1350 can be found on our CarmenCanvas site (see the link to **Instructor Office Hours and MSLC Hours** on the **Syllabus & Other Stuff** page).

Course description

STAT 1350 is a 3-credit statistical literacy course designed to help you become thoughtful and critical consumers of statistics in everyday life. This particular section of STAT 1350 is 100% online. Lectures are in the form of pre-recorded videos, and there will be weekly assignments that you will submit through our course management system. You will learn in this course about how data is produced, organized, and summarized. You will also learn about how samples of data can be used to make inferences about populations.

General education goals and expected learning outcomes

This course satisfies the General Education foundation requirement in *Mathematical and Quantitative Reasoning or Data Analysis* which has the following goals and expected learning outcomes:

Goals: Successful students will be able to apply quantitative or logical reasoning and/or mathematical/ statistical methods to understand and solve problems and will be able to communicate their results.

Expected Learning Outcomes (ELOs): Successful students are able to:

- 1.1 Use logical, mathematical and/or statistical concepts and methods to represent real-world situations.
- 1.2 Use diverse logical, mathematical and/or statistical approaches, technologies and tools to communicate about data symbolically, visually, numerically and verbally.
- 1.3 Draw appropriate inferences from data based on quantitative analysis and/or logical reasoning.
- 1.4 Make and evaluate important assumptions in estimation, modeling, logical argumentation and/or data analysis.
- 1.5 Evaluate social and ethical implications in mathematical and quantitative reasoning.

This course also satisfies the Legacy General Education requirement in *Data Analysis* which has the following goals and expected learning outcomes:

Goals: Students develop skills in drawing conclusions and critically evaluating results based on data.

Expected Learning Outcomes:

1. Students understand basic concepts of statistics and probability.
2. Students comprehend methods needed to analyze and critically evaluate statistical arguments.
3. Students recognize the importance of statistical ideas.

Course Materials

The required textbook for this course is *Statistics: Concepts and Controversies* (10th edition) by David Moore and William Notz. The textbook will be delivered electronically via CarmenBooks. If you opted in, you will go into our CarmenCanvas course site, click on the **Macmillan Higher Education** link on the left side of the page, and then click on the icon that says **Achieve**. If this is your first time using Achieve, you'll be prompted to confirm your name and email address. This will then allow you to log in to our STAT 1350 Achieve site. Using other resources in Achieve is not required this semester, but this is where the electronic version of the "*Statistics: Concepts and Controversies*" textbook is housed. To get to the electronic textbook, hover your mouse over the menu bar on the left side of the Achieve page and then click on the link to the **E-book**. More details about accessing the textbook can be found in CarmenCanvas in the **Syllabus & Other Stuff** section, on the **Accessing the Course Textbook** page. CarmenBooks is an Inclusive Access program that offers digital copies of selected textbooks for a fraction of the cost of a new, physical copy. If you register for a course using CarmenBooks, you will see this discounted textbook cost reflected as a course fee. When enrolling in courses in BuckeyeLink, you will see the text "Digital Textbook Fee" under the "Enrollment Information" section. For more information, see: <https://affordablelearning.osu.edu/carmenbooks/students>

A simple calculator with a square root key will be necessary for STAT 1350; there is no need to have a graphing calculator for this course.

Course Technologies

Technology support

For help with your password, university email, CarmenCanvas, or any other technology issues, questions, or requests, contact the Ohio State IT Service Desk. Standard support hours are available at ocio.osu.edu/help/hours, and support for urgent issues is available 24/7.

- **Self-Service and Chat support:** ocio.osu.edu/help
- **Phone:** 614-688-4357(HELP)
- **Email:** servicedesk@osu.edu
- **TDD:** 614-688-8743

Technology skills needed for this course

- Basic computer and web-browsing skills
- Navigating CarmenCanvas (go.osu.edu/canvasstudent)
- CarmenZoom virtual meetings (optional) (go.osu.edu/zoom-meetings)

Required equipment

- Computer: current Mac (MacOs) or PC (Windows 10) with high-speed internet connection

- Webcam: built-in or external webcam, fully installed and tested (only necessary if you wish to meet with us via Zoom)
- Microphone: built-in laptop or tablet mic or external microphone (only necessary if you wish to meet with us via Zoom)
- Other: a mobile device (smartphone or tablet) to use for BuckeyePass authentication

Required software

- Microsoft Office 365: All Ohio State students are now eligible for free Microsoft Office 365. Full instructions for downloading and installation can be found at go.osu.edu/office365help.
- There may be statistical software tools that we will ask you to use for different course assignments, but these will all be freely accessible via websites that we will share with you.
- We strongly encourage you to avoid using Safari as an internet browser because we have found that certain images in assignments and exams do not show up well in Safari. Details can be found at <https://teaching.resources.osu.edu/toolsets/carmencanvas/faqs#item578>. If are able to use Chrome, Firefox, or Microsoft Edge, we hope you will do this.

Carmen access

You will need to use BuckeyePass (buckeyepass.osu.edu) multi-factor authentication to access your courses in CarmenCanvas. To ensure that you are able to connect to CarmenCanvas at all times, it is recommended that you take the following steps:

- Register multiple devices in case something happens to your primary device. Visit the BuckeyePass - Adding a Device help article for step-by-step instructions (go.osu.edu/add-device).
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new codes** button that appears. This will text you ten passcodes good for 365 days that can each be used once.
- Download the Duo Mobile application (go.osu.edu/install-duo) to all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at **614-688-4357(HELP)** and IT support staff will work out a solution with you. We especially encourage you to call this number if you have a technical problem with CarmenCanvas.

How This Online Course Works

First and foremost, welcome to STAT 1350! We are excited to have the opportunity to work with you and we hope it will be a great semester for everyone.

The best way to get started with this fully asynchronous course is to spend some time exploring the CarmenCanvas course website. Go to <https://carmen.osu.edu/#> to log on to CarmenCanvas. You should then see a link for the STAT 1350 site. Look carefully at the way the course site is set up. On the homepage of the course site, there are links to the different weeks of the semester, and clicking on those links takes you to a detailed overview that contains all materials you need for any given week. **We suggest you start each new week by reading through the weekly overview, reading assigned textbook chapters, and watching lecture videos.** Please note that our lecture videos are meant to explain and expand on the important ideas and concepts that will be included on assignments and assessments. Often, we might even work through examples that are practically identical to problems you will see on assignments and assessments. We strongly encourage you to download the lecture slides that accompany the links to our lecture videos on CarmenCanvas, within each weekly module, and take notes as you are watching the videos. These notes can then be referred to when it comes to tackling assignments and exams.

You are expected to check the CarmenCanvas course site regularly, and we encourage you to customize CarmenCanvas notifications to stay on top of course announcements and activities (<https://resourcecenter.odee.osu.edu/carmencanvas/setting-notification-preferences>). In particular, important communication in the course will be done through announcements posted on the course site and email messages sent through the course site. You are responsible for any information that is included in our announcements, so it is important to read those announcements fully and carefully.

There will be assignments due weekly in this course. These assignments are described in more detail in the next section of this syllabus and in handouts on the CarmenCanvas course website. **Please note that if you are taking this course from a location outside of Ohio, all times listed in this syllabus are in Eastern Standard Time (EST).**

Note that when you registered for this course, you were asked to sign up for a recitation section. This was only so that you could be matched with a particular teaching assistant; there are no weekly recitations that you will be expected to attend. Your assigned teaching assistant who will grade your weekly lab activities, interact with you as you complete discussion assignments, reach out on a regular basis to check in on you, and answer questions for you. We hope your assigned teaching assistant can be a first point of contact whenever you have questions or concerns. If the teaching assistant cannot help you, the instructor will intervene. Your assigned teaching assistant will reach out to you regularly via CarmenCanvas email, so please look for these messages. If you are ever in doubt about who your assigned teaching assistant is, go to <https://buckeyelink.osu.edu/> and click on My Buckeye Link to look up your class schedule; the teaching assistant will be listed as the instructor for the recitation portion of

STAT 1350. To learn more about the instructor and teaching assistants, you can visit the **Meet your Instructors** page, found by clicking on the **Syllabus & Other Stuff** button on the course homepage.

Grading and Assignments

Grades

Category	Points	Percentage
Lab Activities	130	38%
Homework Assignments	110	32.2%
Participation	22	6.4%
Midterm Exam	40	11.7%
Final Exam	40	11.7%
Total	342	100%

Assignment information

You can earn up to 342 points in this course by completing the following assignments and assessments.

Lab Activities

There are 14 lab activities that you will complete during the semester, with your lowest lab activity grade being automatically dropped from your final course grade at the end of the semester. **You can therefore miss one lab activity and not have it count against your grade.** Each lab activity is worth 10 points. Lab activities are meant to provide you with opportunities to apply and extend what you are learning from watching lecture videos and reading assigned textbook chapters. If you were taking this course in person and needed to attend an in-person “recitation” at a particular time each week, these are the activities you’d complete during recitation. **In this online course, even though you signed up for a specific recitation section, you do not need to do anything special for recitation other than to complete lab activities, independently, by the given deadline.**

During the weeks in which you have lab activities, links to the activities will be posted within the weekly overview. You can also get to the lab activities by clicking on the **Assignments** link on the left side of the course page. The lab activities will include several questions that will require short answers, and you should always save your work as a Word or PDF file and then submit it through the appropriate link within the weekly module (or by going back to the **Assignments** section). Most lab activities will be due on **Fridays by 11:59 p.m.**, with the exception of Lab Activity #8

which is due on a Wednesday. We strongly encourage you to start the activities early so you have ample time to reach out to us if you need help. We also hope you will post questions about the activities in the appropriate CarmenCanvas discussion forums if you need help. Separate forums will be set up each week for questions related to the content for the week.

Each lab activity will be graded based on effort and correctness. If you make a clear effort to answer all lab activity questions, regardless of your answers, you will get 50% (or 5 points) on the assignment. The remaining 50% (or 5 points) of your grade will be based on a selection of problems that we will grade based on correctness. It is therefore very important that you answer all questions on each activity and ask for help if you need it! The teaching assistants will grade your lab activities, and you can generally expect feedback within 7 days. Prior to sharing individual feedback with you, we will post an answer key for the lab activity on CarmenCanvas within a day of the deadline in our **Syllabus & Other Stuff** section so you can get immediate feedback.

Please keep in mind that if you do not get full credit for a lab activity, we will attempt to share information with you about why you lost credit. You can view that information by going back to the **Assignments** section and clicking on the link of the assignment name. We'll either make marks in your assignment document to indicate where you lost credit, or we will leave an assignment comment for you to read with that information. It is up to you to look carefully through any feedback we share with you and ask questions if you have concerns about problems you missed. Further, if you get full credit on a lab activity, this means that you completed the activity and did well on the questions we selected to grade. You might have missed other, non-graded questions. For this reason, it's extremely important to look through the lab answer keys since questions on homework assignments and exams might be based on non-graded lab activity questions.

Homework Assignments

There are 12 homework assignments that you will complete during the semester, with **your lowest homework assignment grade being automatically dropped from your final course grade at the end of the semester**. Each homework assignment is worth 10 points. Links to homework assignments can be found within the weekly modules or by going to the **Quizzes** link on the left side of the CarmenCanvas course page.

To make sure you stay on top of the material in the course, there are almost WEEKLY homework assignments (beginning Week 1 of the semester). Each homework assignment consists of 10 multiple-choice questions, and we set the assignments up this way to give you practice with the types of questions that will appear on your exams. Each question is worth 1 point, and you will complete these assignments through CarmenCanvas by the appropriate deadline. Homework assignments will always be due on **Sundays by 11:59 p.m.** Although the homework assignments are set up using the quiz tool in Carmen, they are not "quizzes" in the traditional sense. You can have as much time as you need to complete homework assignments before the deadline, and you can use your textbook and lecture notes, but once you officially submit your work to be graded, you cannot personally change any of your submitted answers, and you get just one

attempt to work on each homework assignment. Note that if you do need to change a submitted answer before the assignment deadline, if you contact Dr. Everson before the deadline, she will change the answer for you. Once the deadline has passed, the assignment will be automatically graded and you will receive feedback. Please refer to the document “**Completing Homework Assignments and Reviewing Feedback**” in the **Syllabus & Other Stuff** section of the course website for details on how you can see feedback on your homework assignments. If you do not attempt to complete a homework assignment at all, you **will not** have any access to assignment feedback or to the correct answers for each homework question, so it’s to your advantage to at least try to work through each assignment and not completely skip any assignment.

Links to Word and PDF copies of each homework assignment can be found within the weekly overviews, within the **Syllabus & Other Stuff** section, or by clicking on the assignment link in the **Quizzes** area, just in case you’d like to print out the assignment and make note of your answers before officially submitting your work through the quiz tool.

Participation

During most weeks this semester, starting Week 1, we will have opportunities for you to earn points toward your participation grade by completing a participation assignment. We refer to these assignments as “check-ins.” There are 14 check-ins that you will be asked to complete this semester, and each check-in will be completed by clicking on the **Quizzes** link, going to the **Surveys** section, and then clicking on the link to the appropriate check-in. We will also share links to the check-ins within our weekly overviews. We will release each check-in at 8 a.m. on Monday, and it must be completed no later than 11:59 p.m. on Sunday (with the exception Check-in #11 which will be due on Friday at 11:59 p.m.). These check-ins will be brief and will be graded based on completeness. It might not always seem like the check-ins relate to the content of the course, but trust us; they all have a purpose! The check-ins will generally just involve answering a single question or sharing some data with us.

Our participation assignments comprise a small percentage of your final grade. Each of these 14 assignments will be worth two points. We will automatically drop your first three missed participation assignments at the end of the semester and include only 11 of these assignments as your participation grade. **There will be no participation assignment during Week 15.**

Midterm and Final Exams

This course has one midterm exam and a non-comprehensive (or non-cumulative) final exam. Each exam is worth 40 points, and each exam will consist of 20 multiple-choice questions (each being worth 2 points). You will have a certain window of time in which to access the exams through CarmenCanvas. These exams are NOT proctored; instead, they are much like “take-home” exams. Please make note of the dates of the exams (see below) so that you can plan to set time aside during these dates to complete the exams. If you cannot be available at these times for unavoidable reasons, you must speak with Dr. Everson at least two weeks prior to the time in which the exam becomes available in order to discuss this and to make arrangements to complete a make-up exam. **If you fail to take an exam during the time when it is available**

without any communication with us to explain, we will not allow you to make up the exam unless there is an emergency situation that you can document.

Midterm Exam: The midterm exam will cover Chapters 1 through 7 and Chapters 10 through 13. It will become available beginning at **3 p.m. on Thursday, February 29th**, and you will need to submit the answers to your exam no later than **Friday, March 1st, by 11:59 p.m.** Once you open your exam, please note you have to finish the exam in one sitting, and you will have 90 minutes to work on the exam once it is opened. Thus, **you should not start the exam until you know you will have some uninterrupted work time, and you want to make sure to start the exam well before the deadline so you can get your full 90 minutes if you think you might need that amount of time.** We take academic honesty very seriously in this course and it is expected that you work on the exam by yourself and that you do not discuss the exam with your peers until after grades and feedback have been released to everyone. The exams are essentially “open book and open note,” but you cannot consult with other people during the exam, and it’s expected that the answers you submit are your own and were not generated by others. **We trust, for both the midterm and final exams, that you will submit answers that you have arrived at independently by consulting with appropriate course resources.**

Final Exam: The final exam will cover Chapters 14, 15, 17, 18, 21, 22, and 23. It will be structured much like the Midterm Exam. It will become available to you at **8 a.m. on Wednesday, April 24th**, and you will have until **11:59 p.m. on Thursday, April 25th**, to submit the answers to your exam. Again, it is expected that you work independently on the Final Exam and that you complete the exam in one sitting, within 90 minutes of opening the exam.

Late assignments

It’s important for you to keep up with the work in this course, both for your own stress levels, and so that we can all be on the same page when we’re discussing material. This is why we have weekly assignment deadlines. However, we know that life can be unpredictable, and, for various reasons, deadlines might become challenging to meet. For this reason, Dr. Everson reserves the right to **adjust deadlines for lab activities or homework assignments if you talk to her in advance of the deadline.** What’s most important is that we be communicating about missed work. If we know what’s going on and how you plan to catch up with a missed assignment in a timely manner, we have no qualms about giving you a short grace period and a second chance to submit missed work. **We do not want to add extra stress to your life or penalize you for late work if we can avoid that, so please talk to us right away if you have reasons for needing extra time to complete our assignments.** The grades we give are meant to reflect the quality of your work, not when you turn it in.

Ultimately, your mental and physical well-being are the most important things. Keeping up as best as you can in the course is the goal, but, if that isn't possible, for whatever reason, let's talk and try to work through a game plan together. **If you choose not to meet our deadlines and do not communicate with us in a timely manner about the reasons why, we will have no choice but to give you grades of 0 for missed assignments.**

Keep in mind that we drop your lowest lab activity grade AND your lowest homework assignment grade automatically at the end of the semester. Thus, the first time you miss a lab activity or a homework assignment, please don't worry about making up this work because we will consider those missed assignments to be your lowest grades. **If there are reasons why you cannot keep up with our weekly participation assignments, you need to talk with Dr. Everson about this as soon as possible.**

Grade disputes

It's extremely important that you pay careful attention to your grades on a regular basis. If you feel that an assignment has been graded incorrectly or unfairly, you must speak with your assigned teaching assistant (i.e., your recitation instructor) or Dr. Everson, within one week of your assignment grade being posted on CarmenCanvas. **We will not re-grade assignments at the end of the semester or offer any extra credit if you are not satisfied at that time with your final course grade, especially since you will have known all semester what is expected of you to earn your desired grade in this course.**

Grading scale

Final grades in the course will be determined based on the following scale, and based on the percentage of total points that you earn during the semester. We do not curve grades in STAT 1350, nor do we offer any extra credit beyond the bonus points you can earn during Week 1 from posting an introduction to the class.

Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	E
Min %	93	90	87	83	80	77	73	70	67	60	0

Instructor feedback and response time

The following list is meant to give you an idea of our intended availability throughout the course. (Remember that you can call **614-688-4357(HELP)** at any time if you have a technical problem.)

- **Grading and feedback:** For lab activities, you can generally expect feedback within **7 days**. For homework assignments, we will post your grades within 24 hours of the assignment deadline. Grades for check-ins will be posted very soon after the assignment deadlines. For exams, we will wait until after the deadline to share grades with the class. How quickly we are able to post exam grades will depend on the number of make-up exams that will need to take place after the official exam deadline, but we will do our best to share feedback with you as quickly as possible, ideally within one week of the exam deadline.

- **Email:** Messages sent to the course instructor will be replied to within **24 hours** on weekdays. Response time on weekends may be more variable depending on instructor availability. Messages sent to your assigned teaching assistant will be replied to within 48 hours. If you need an immediate response to a question, copying Dr. Everson on the message is a good idea.
- **General discussion boards:** Dr. Everson, or one of the teaching assistants, will monitor and reply to messages posted within our general discussion boards within **24 hours**.

Attendance, participation, and discussions

Student participation requirements

Because this is a distance-education course, your attendance is based on your online activity and participation. The following is a summary of everyone's expected participation:

- **Logging in:**
Be sure you are logging in to the course in CarmenCanvas each week. During most weeks, you will probably log in many times. If you have a situation that might cause you to miss an entire week of class, discuss this with Dr. Everson *as soon as possible*.
- **Watching lecture videos:**
We have worked hard to create a series of captioned lecture videos that go over the content you would normally learn about if you were to take this course in person. Reviewing these videos is meant to help you prepare for our assignments and assessments. Our expectation is that you will watch our lecture videos close to the start of each week, before you begin your weekly assignments. Remember that a nice thing about the lecture videos is that you can (a) watch them at a quicker speed if you would like, and (b) pause or re-watch sections that are confusing or unclear.
- **Office hours:**
Attending office hours is optional but highly recommended if you need extra assistance.
- **Participating in discussion forums:**
Participation in discussion is optional, but strongly encouraged. There will be general discussion forums set up for each week where you can post questions about weekly content or about the course.
- **Checking-in:**
As noted earlier in the syllabus, in the **Participation** section, part of your course grade is based on completing several participation assignments. These assignments will involve completing a "check-in." Typically, the check-ins involve answering a single question using the **Quizzes** tool, by the appropriate deadline.

Discussion and communication guidelines

The following are our expectations for how we should communicate as a class. Above all, please remember to be respectful and thoughtful.

- **Communicating through the proper channels:** In order to protect your privacy, all course email correspondence *must* be done through a valid OSU name.number or Buckeyemail account, or through the course website (CarmenCanvas). It is your responsibility to make sure that any email messages you send to us are received, and you need to carefully read through all correspondence sent to you by your teaching assistant or by the instructor (and make sure this does not end up in your Junk folder!). If you send an email message and get no reply within 48 hours, please send that message again.
- **Writing style:** While there is no need to participate in class discussions as if you were writing a research paper, you should remember to write using good grammar, spelling, and punctuation. Informality (including an occasional emoticon) is fine. **We also expect you to cite your sources if you are posting anything that is not your own original work.**
- **Tone and civility:** We want to maintain a supportive learning community where everyone feels safe and where people can disagree amicably. Please be respectful of your peers and instructors in all communications.
- **Backing up your work:** If you plan to post something lengthy in one of the discussion forums, consider composing your work offline, in a word processor, where you can save your work, and then copy it into the CarmenCanvas discussion forum.

Other course policies

Academic integrity policy

The decisions you make are a mark of your character. In this course, we commit ourselves to act with academic integrity. This means being honest and truthful in what we say and write, in addition to offering credit to others for thinking of ideas before us. **We believe strongly that everyone in this course is fundamentally honest, and we trust you. The online format of this course affords you a great deal of flexibility in how you complete your work, and our trust in you means we can continue to offer this flexibility to all of our students. We thank you for that.**

Academic integrity is taken very seriously in STAT 1350. If you are suspected of behaving dishonestly when completing any course assignment (e.g., doing another student's work, copying work that was completed by someone else or something else (like ChatGPT) and turning it in as your own, letting another student copy your work) or when completing an exam (e.g., working with other students during the exam, allowing another student to copy your exam answers or copying answers from another student, sharing exam answers with peers, enlisting someone else or something else to take exams for you, using unauthorized resources), this is grounds for us to file a Committee on Academic Misconduct (COAM) report, and this may result in a failing grade in this course or an even more severe penalty. It's not worth it to behave in a dishonest manner. **If you need to earn a particular grade and are struggling, talk to us. We can help, and we want to help.** If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact Dr. Everson.

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term “academic misconduct” includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For additional information, see the Code of Student Conduct <http://studentlife.osu.edu/csc/>. Ignorance of the University's Code of Student Conduct is never considered an excuse for academic misconduct.

More information about academic integrity and misconduct can be found on this site: <https://oaa.osu.edu/academic-integrity-and-misconduct/student-misconduct>.

Copyright disclaimer

The materials used in connection with this course may be subject to copyright protection and are only for the use of students officially enrolled in the course for the educational purposes associated with the course. Copyright law must be considered before copying, retaining, or disseminating materials outside of the course.

Student academic services

Student academic services offered on the OSU main campus can be found at <http://advising.osu.edu/welcome.shtml>.

Student support services

Student support services offered on the OSU main campus can be found at <http://ssc.osu.edu>.

Statement on Title IX

Title IX makes it clear that violence and harassment based on sex and gender are Civil Rights offenses subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories (e.g., race). If you or someone you know has been sexually harassed or assaulted, you may find the appropriate resources at <http://titleix.osu.edu> or by contacting the Ohio State Title IX Coordinator at titleix@osu.edu.

Commitment to a diverse and inclusive learning environment

The Ohio State University affirms the importance and value of diversity in the student body. Our programs and curricula reflect our multicultural society and global economy and seek to provide opportunities for students to learn more about persons who are different from them. We are committed to maintaining a community that recognizes and values the inherent worth and dignity of every person; fosters sensitivity, understanding, and mutual respect among each member of our community; and encourages each individual to strive to reach their own potential. Discrimination against any individual based upon protected status, which is defined as age, color, disability, gender identity or expression, national origin, race, religion, sex, sexual orientation, or veteran status, is prohibited.

Religious accommodations

It is Ohio State's policy to reasonably accommodate the sincerely held religious beliefs and practices of all students. The policy permits a student to be absent for up to three days each academic semester for reasons of faith or religious or spiritual belief. Students planning to use religious beliefs or practices accommodations for course requirements must inform the instructor in writing no later than 14 days after the course begins. The instructor is then responsible for scheduling an alternative time and date for the course requirement, which may be before or after the original time and date of the course requirement. These alternative accommodations will remain confidential. It is the student's responsibility to ensure that all course assignments are completed. For more information about religious accommodations at Ohio State, visit odi.osu.edu/religious-accommodations.

Your mental health

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing. If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life's Counseling and Consultation Service (CCS) by visiting ccs.osu.edu or calling 614- 292-5766. CCS is located on the 4th Floor of the Younkin Success Center and 10th Floor of Lincoln Tower. You can reach an on-call counselor when CCS is closed at 614-292-5766 and 24-hour emergency help is also available through the 24/7 National Suicide Prevention Hotline at 1-800-273- TALK or at suicidepreventionlifeline.org

Wellness

As a student, your health and wellness can have an impact on your academic success. Common wellness concerns during your time at the university may include high levels of stress, sleep and diet behaviors, alcohol and other drug use, depression and anxiety, and interpersonal relationship issues. The Office of Student Life has numerous resources and services available to you at no charge to help you address those concerns.

You can learn more about health and wellness resources available on campus by visiting the websites for the [Student Wellness Center](#), [Wilce Student Health Center](#), [Recreational Sports](#) and [Counseling and Consultation Service](#). For students in recovery or seeking recovery from substance use disorders, learn more about support on campus by visiting the [Collegiate Recovery Community](#). For students facing food insecurity, learn more about the free on-campus food pantry by visiting the [Buckeye Food Alliance](#). For students interested in meeting with a peer and setting holistic wellness goals, learn more about [Wellness Coaching](#). Check out the [Health and Wellness Resource Guide](#) for more free and low cost services on all campuses.

Accessibility accommodations for students with disabilities

The university strives to make all learning experiences as accessible as possible. In light of the current pandemic, students seeking to request COVID-related accommodations may do so through the university's [request process](#), managed by Student Life Disability Services. If you anticipate or experience academic barriers based on a disability (including mental health, chronic, or temporary medical conditions), please let Dr. Everson know immediately so that we can privately discuss options. To establish reasonable accommodations, we may request that you register with Student Life Disability Services. After registration, make arrangements with Dr. Everson as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. SLDS contact information: slds@osu.edu; 614-292-3307; <http://slds.osu.edu>; 098 Baker Hall, 113 W. 12th Avenue.

Accessibility of course technology

This course requires use of CarmenCanvas (Ohio State's learning management system) and other online communication and multimedia tools. If you need additional services to use these technologies, please request accommodations with your instructor.

- Canvas accessibility (go.osu.edu/canvas-accessibility)
- Streaming audio and video
- CarmenZoom accessibility (go.osu.edu/zoom-accessibility)
- Collaborative course tools

Land Acknowledgement

We would like to acknowledge the land that The Ohio State University occupies is the ancestral and contemporary territory of the Shawnee, Potawatomi, Delaware, Miami, Peoria, Seneca, Wyandotte, Ojibwe and Cherokee peoples. Specifically, the university resides on land ceded in the 1795 Treaty of Greeneville and the forced removal of tribes through the Indian Removal Act of 1830. I/We want to honor the resiliency of these tribal nations and recognize the historical contexts that has and continues to affect the Indigenous peoples of this land. More information on OSU's land acknowledgement can be found here: <https://mcc.osu.edu/about-us/land-acknowledgement>

Disclaimer

This syllabus should be taken as a fairly reliable guide for the course content. However, we reserve the right to change due dates or the methods of grading and/or assessment if necessary. Any changes will be communicated to you through official course announcements.

Course schedule

Week	Dates	Topics and Readings	Assignments (All due at 11:59 p.m. EST)
1	1/8-1/14	Data/Samples (Chapters 1 & 2)	Lab #1/Homework #1/Check-in #1
2	1/15-1/21	Sampling/Surveys (Chapters 3 & 4)	Lab #2 /Homework #2/Check-in #2
3	1/22-1/28	Experiments (Chapters 5 & 6)	Lab #3/Homework #3/Check-in #3
4	1/29-2/4	Ethics/Graphs (Chapters 7 & 10)	Lab #4/Homework #4/Check-in #4
5	2/5-2/11	Summarizing Quantitative Data (Chapters 11 & 12)	Lab #5/Homework #5/Check-in #5
6	2/12-2/18	Summarizing Quantitative Data (Chapter 12)/Normal Distributions (Chapter 13)	Lab #6/Homework #6/Check-in #6
7	2/19-2/25	More Normal Distributions/Review (if time permits)	Lab #7/Homework #7/Check-in #7
8	2/26-3/3	Review/Midterm Exam/Probability (Chapter 17)	Lab #8/Check-in #8
9	3/4-3/10	Sampling Distributions (Chapter 18)/ Confidence Intervals (Chapter 21 up through page 498)	Lab #9/Homework #8/Check-in #9
Happy Spring Break!!!! 🤖🤖🤖			
10	3/18-3/24	Confidence Intervals (Chapter 21 up through page 498)	Lab #10/Homework #9/Check-in #10
11	3/25-3/31	Hypothesis Testing (Chapter 22 up through page 521)	Lab #11/Check-in #11
12	4/1-4/7	Hypothesis Testing (Chapter 23 up through page 544)	Lab #12/Homework #10/Check-in #12
13	4/8-4/14	Correlation/Regression (Chapters 14 & 15)	Lab #13/Homework #11/Check-in #13
14	4/15-4/21	Correlation/Regression (Chapters 14 & 15)/Review	Lab #14/Homework #12/Check-in #14
15	4/22-4/28	Review/Final Exam	