



THE OHIO STATE UNIVERSITY

## SYLLABUS:

### STAT 1350.01 – ELEMENTARY STATISTICS

### AUTUMN 2023

## Course overview

### Instructors

Dr. Michelle Everson (Course Coordinator)

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Office: 415 Cockins Hall

Office hours: Tuesday 2 - 3 p.m., Thursday 11 a.m.- 12 p.m., and by appointment (note office hours are in person, but Zoom meetings are always welcome and can be arranged when necessary)

Andrew Heeszal

Email address: [heeszal.1@osu.edu](mailto:heeszal.1@osu.edu)

Office: 408E Cockins Hall

Office Hours: Monday and Wednesday, 11:30 a.m. – 12:25 p.m., and by appointment

### Teaching Assistants

Jiaxin Chen ([chen.10195@osu.edu](mailto:chen.10195@osu.edu)), Shawn Chen ([chen.4747@osu.edu](mailto:chen.4747@osu.edu)), Yingyu Cheng ([cheng.1753@osu.edu](mailto:cheng.1753@osu.edu)), Riley Coburn ([coborn.115@osu.edu](mailto:coborn.115@osu.edu)), Kiljae Lee ([lee.10428@osu.edu](mailto:lee.10428@osu.edu)) and Sayoni Roychowdhury ([roychowdhury.23@osu.edu](mailto:roychowdhury.23@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. 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* (10<sup>th</sup> 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](https://ocio.osu.edu/help/hours), and support for urgent issues is available 24/7.

- **Self-Service and Chat support:** [ocio.osu.edu/help](https://ocio.osu.edu/help)
- **Phone:** 614-688-4357(HELP)
- **Email:** [servicedesk@osu.edu](mailto: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](https://go.osu.edu/canvasstudent))
- CarmenZoom virtual meetings (optional) ([go.osu.edu/zoom-meetings](https://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](https://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.

### CarmenCanvas access

You will need to use BuckeyePass ([buckeyepass.osu.edu](https://buckeyepass.osu.edu)) multi-factor authentication to access course resources on 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](https://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](https://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 Course Works

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

In this course, you will attend lecture twice a week and recitation one time each week. To best prepare for lecture, we strongly encourage you to read through the assigned textbook readings before each lecture since we will clarify and expand upon those readings during lecture. We will share our lecture materials on CarmenCanvas (within the **Syllabus & Other Stuff** section), and we hope these materials can serve as a foundation for the notes you will personally take during lecture.

We strive to create a safe and supportive learning environment in our classrooms, and you are warmly invited and encouraged to attend lecture and recitation in order to be a part of this environment. We feel strongly that attendance and participation during both lecture and recitation play an essential role in the learning process. Together, we hope we can build a strong classroom community and maintain a sense of connection and commitment to one another throughout the semester. You are each valuable members of our classroom community. Your presence in our classroom matters, and we appreciate that presence.

We certainly recognize, however, that there may be times when you will have to miss lecture and/or recitation. Unavoidable circumstances might make it impossible for you to attend every lecture or recitation, and that's okay. Although we will not count lecture attendance toward the course grade, we still believe that lecture attendance is critical. **What you get out of this class will depend on the effort and commitment you make regarding your own learning.** Lecture is a time for us to emphasize and discuss important concepts and ideas that you will need to know and understand in order to tackle our course assignments and assessments. If you have to miss a lecture, please try to get notes from a classmate, or communicate with us so that we can help you catch up with missed content. Recitation attendance, as explained later in this syllabus, will be a part of your grade, but you can miss a certain number of recitations and not have it count against you.

It's possible your lecture instructor may choose to use *Top Hat* during lecture as a way of encouraging class participation and keeping a personal record of lecture attendance. *Top Hat* is a system that allows you to answer questions and participate during lecture by using your smartphone, iPad, or laptop. Go to <https://teaching.resources.osu.edu/toolsets/top-hat/guides/getting-started-top-hat-students> in order to learn more about *Top Hat* and to make

sure you are registered to begin using it. You can even download a *Top Hat* app to your phone to make it easier for you to use *Top Hat* during class. If you have any difficulties with the registration process, let your instructor know. Your instructor will share the Top Hat join code for your lecture section of STAT 1350.

**Based on the recitation section you signed up for, you will be assigned to a particular teaching assistant who will lead your recitation, grade your weekly lab activities, and attempt to help answer questions for you.** Your assigned teaching assistant is the first person you should talk to when you have questions or concerns. If that teaching assistant cannot help you, your lecture instructor or the course coordinator (Dr. Everson) will intervene. Your assigned teaching assistant will meet with you during Week 1 for your first recitation of the semester. Note that if you are ever in doubt about who your assigned TA is, go to <https://buckeyelink.osu.edu/> and click on My Buckeye Link to look up your class schedule; the TA will be listed as the instructor for the recitation portion of STAT 1350. To learn more about your lecture and recitation instructors, you can visit the **Meet your Instructors** page, found by clicking on the **Syllabus & Other Stuff** button on the course homepage.

We will use CarmenCanvas quite extensively in this course. 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 information about the learning objectives for the week, links to assignments, and links to lecture materials. *Although several things will be available to you on the course site at the beginning of the semester, not all assignments or lecture materials have been created or posted. We will slowly add to the course site during the semester.* We hope the course site will be relatively easy for you to navigate, but if you are ever in doubt about anything, please let us know!

There will be assignments due weekly in this course. These are described in more detail in the **Grading and Assignments** section of this syllabus and in handouts on the CarmenCanvas course website. You will work through some of these assignments each week when you attend recitation. We encourage you to either print out the weekly assignments and bring them with you to recitation, or bring a device with you to recitation—like a laptop or an iPad—that will allow you to work through the assignments electronically during recitation time. **We will not hand out hard copies of assignments during recitation.**

## Instructor feedback and response time

Email messages sent to your lecture instructor, your assigned teaching assistant, or to the course coordinator should be responded to within 24 hours on weekdays. Response time on weekends may be more variable depending on instructor availability. Dr. Everson, or one of the teaching assistants, will monitor and reply to messages posted on the discussion boards within 24 hours.

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/course coordinator (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.

## 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 lecture and assigned textbook readings. These are activities that we hope you will be able to work through each week, with your peers and your assigned teaching assistant, during recitation. **We don't expect you to complete lab activities during recitation, but we will always allow time during recitation for you to get started on lab activities, talk through the activities with your peers, and get immediate assistance from your recitation instructor. You will then submit your final work through CarmenCanvas by the end of the week.**

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 #11 (due on a Sunday) and Lab Activity #14 (due on a Wednesday). Although we encourage you to review the activities before your weekly recitation, this is not mandatory. Just remember that recitation is a time to discuss the activities with your peers. Recitation is also a time to get help from your recitation instructor if you are struggling with the content for a given week, to review important ideas, and to learn more about problem-solving strategies. We also hope you will post questions about lab activities (and homework assignments) outside of class time in the appropriate CarmenCanvas discussion forums on the course site if you need extra 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 every question on the lab activity, regardless of your answers, you will get 50% (or 5 points) on the assignment. The remaining 50% (or 5 points) of the 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 lab activity and ask for help if you need it! Your recitation instructor 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 one day of the lab activity 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 CarmenCanvas, 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

Although we do not count lecture attendance toward your course grade, we feel recitation attendance is critical in that it will provide you with opportunities to interact with your peers, apply what you have learned from lecture and the textbook, and receive extra assistance from your recitation instructor. Because we feel recitation attendance is so valuable, we want to reward you for making the effort to attend recitation. We will take attendance during recitation, and this will comprise your participation grade. You will receive two points toward your participation grade for each recitation you attend this semester. To receive these points, you must be present for the full recitation (i.e., you cannot leave early or show up several minutes late). Your recitation instructor will keep track of your recitation attendance and update the grade book each week to reflect your attendance. **You should plan to attend all recitations this semester, including the recitation that will take place during Week 1.** There will be 14 recitations that you will be expected to attend this semester. We will allow three recitation absences to be dropped from your grade without question and will therefore count only 11 attended recitations toward your participation grade. **There will be no recitations during Weeks 8 and 14.**

## Midterm and Final Exams

This course has one online midterm exam and a non-comprehensive (or non-cumulative) online final exam. Each exam is worth 40 points, and each exam will consist of 20 multiple-choice

questions (worth 2 points each). You will have a certain window of time in which to access the exams through CarmenCanvas. These exams are NOT proctored. 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 **6 p.m. on Tuesday, October 10<sup>th</sup>**, and you will need to submit the answers to your exam no later than **Wednesday, October 11<sup>th</sup>, 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, using approved resources, and that you do not discuss the exam with your peers until after grades and feedback have been released to everyone. You can use any of our course materials and our textbook while working on the exam, 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 Friday, December 8<sup>th</sup>**, and you will have until **11:59 p.m. on Monday, December 11<sup>th</sup>**, 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 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 attend recitation regularly or must leave early/arrive late on regular basis, 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 getting your grade on that assignment. **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.

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

## Attendance, participation, and discussions

The following is a summary of everyone's expected participation in STAT 1350:

- **Lecture attendance:**

We do not require that you attend lecture, but we feel lecture attendance is extremely important, and our expectation is that you will attend all class meetings. Much of what

we go over and clarify during lecture is meant to help you tackle your assignments each week and prepare you for exams. Some of your lecture instructors might choose to use Top Hat or other systems to not only engage you during lecture, but to keep track of lecture attendance. Please keep in mind that any tracking of lecture attendance will only serve to provide your instructor with a personal record of attendance. Lecture attendance will not count toward your final grade. If you must be absent from lecture, you do not need our permission, nor do you need to provide any justification to us, but we hope you'll obtain notes from a classmate or reach out to us to discuss what you missed so that you can earn your desired grades on our course assignments and assessments.

- **Recitation attendance:**

As noted earlier in the syllabus, in the **Assignment information** section, part of your course grade is based on participation, and your participation credit will be based on attending recitation.

- **Office hours:**

Attending office hours or getting help through the MSLC is optional but highly recommended if you need extra assistance.

- **Participating in discussion forums:**

There will be discussion forums set up for each week and for other general course questions. Posting questions and/or responding to questions posted by your peers is strongly encouraged, but it is not required. Because 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.

## 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 format of this course affords you some flexibility in how you complete your work (i.e., offering online exams in lieu of in-class proctored exams), 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](mailto: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**

Our inclusive environment allows for religious expression. If you need to request accommodations based on faith, religious or a spiritual belief system in regard to examinations, other academic requirements or absences, please provide your course instructor with written notice of specific dates for which you need alternative accommodations at the earliest possible date. For more information about religious accommodations at Ohio State, visit [odi.osu.edu/religious-accommodations](http://odi.osu.edu/religious-accommodations).

## **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](mailto: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 \(go.osu.edu/canvas-accessibility\)](http://go.osu.edu/canvas-accessibility)
- Streaming audio and video

- CarmenZoom accessibility ([go.osu.edu/zoom-accessibility](https://go.osu.edu/zoom-accessibility))
- Collaborative course tools

## 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](https://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](https://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.

## 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	8/22-8/27	Data/Samples (Chapters 1 & 2)	Lab #1/Homework #1
2	8/28-9/3	Sampling/Surveys (Chapters 3 & 4)	Lab #2 /Homework #2
3	9/4-9/10	Experiments (Chapters 5 & 6)	Lab #3/Homework #3
4	9/11-9/17	Ethics/Graphs (Chapters 7 & 10)	Lab #4/Homework #4
5	9/18-9/24	Summarizing Quantitative Data (Chapters 11 & 12)	Lab #5/Homework #5
6	9/25-10/1	Summarizing Quantitative Data (Chapter 12)/Normal Distributions (Chapter 13)	Lab #6/Homework #6
7	10/2-10/8	More Normal Distributions/Review (if time permits)	Lab #7/Homework #7
8	10/9-10/15	Review/Midterm Exam/Probability (Chapter 17)	Enjoy a break this week!
9	10/16-10/22	Probability/Sampling Distributions (Chapters 17 & 18)	Lab #8/Homework #8
10	10/23-10/29	Confidence Intervals (Chapter 21 up through page 498)	Lab #9/Homework #9
11	10/30-11/5	Confidence Intervals (Chapter 21 up through page 498)	Lab #10/Homework #10
12	11/6-11/12	Hypothesis Testing (Chapter 22 up through page 521)	Lab #11
13	11/13-11/19	Hypothesis Testing (Chapter 23)	Lab #12/Homework #11
14	11/20-11/26	Correlation/Regression (Chapters 14 & 15)	Enjoy a break this week!
15	11/27-12/3	Correlation/Regression (Chapters 14 & 15)	Lab #13/Homework #12
16	12/4-12/10	Review/Final Exam	Lab #14