



THE OHIO STATE UNIVERSITY

# STATISTICS: 1450.01 (19952) INTRODUCTION TO THE PRACTICE OF STATISTICS SPRING 2026

## Course Overview

### Instructor & Office Hours

Ryan Loney

Email – [loney.35@osu.edu](mailto:loney.35@osu.edu)

**Tuesdays 4:00 pm - 5:00 pm in Cockins Hall 217**

**Thursdays 9:10 am - 10:10 am in Cockins Hall 217**

Although office hours are scheduled for in-person, requests for them to be held virtually via Zoom will be honored as long as requests are received at least 24 hours in advance of the scheduled time.

### Coordinator of STAT 1450.01 & Office Hours

Professor Laura Jones

Email – [jones.5810@osu.edu](mailto:jones.5810@osu.edu)

**\*Please do not send emails to [jones.5810@buckeyemail.osu.edu](mailto:jones.5810@buckeyemail.osu.edu). It will be sent to my student account and may result in a delayed response.** In the subject line of your email, please include STAT 1450.01 and the class number, 19952.

**Tuesdays 10 am - 11 am via Zoom**

**Thursdays 10 am - 11 am via Zoom**

Link:

Meeting ID:

Passcode:

Additional appointments can be made when needed. If you would like to arrange a time to talk through Zoom, please email me at least 24 hours in advance of the time you would like to meet. When scheduling an appointment, please provide your availability in the first email you send.

## Meeting Days/Times

**Lecture:** T/TH 8:00 am – 8:55 am in Pomerene Hall 260

**Recitation:** Thursdays at either 10:20 am or 11:30 am in EA

## Course Description

Algebra-based introduction to data analysis, experimental design, sampling, probability, inference, and linear regression. The inference practices will involve confidence intervals and hypothesis tests for a population mean (both with sigma known and unknown) and a population proportion, the difference between 2 population means and 2 population proportions, paired data, and the Chi-square test of independence. Emphasis will be put on applications, statistical reasoning, and data analysis using statistical software. This 3-credit hour course expects all students to have completed a baccalaureate-level mathematics course.

## Your Support System

**1450.01 Coordinator** Professor Jones keeps all STAT 1450.01 students abreast of updates and important developments with the course along with managing the overall course structure with instructional resources and lecture presentations.

**Course announcements will be sent out via Carmen.** It is very important that you stay up to date with their details.

**Instructor** Provides the overarching view of the concepts

**Teaching Assistants** The TAs will use weekly recitations to reinforce and extend content knowledge covered in lecture. Students are expected to be active participants in these sessions.

**Tutors** The TAs, instructor, and Professor Jones will provide support through office hours. Although you are assigned a specific TA for recitation, you are welcome to attend any of the scheduled office hours for STAT 1450.01. **Once the schedule is finalized, all office hour offerings will be posted on the Carmen homepage.**

The Statistics Department (Cockins 404) does keep a list of private tutors if necessary. Students currently enrolled in a statistics course offered by the Ohio State Department of Statistics may contact Jean Scott, Statistics Program Coordinator, about hiring a private tutor. She can be reached at 614-688-5913 or [scott.961@osu.edu](mailto:scott.961@osu.edu).

## Course Goals and 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.

**This course will satisfy the above Expected Learning Outcomes by exposing students to a range of statistical approaches from introductory analysis to inference. Students will be able to explore these ideas in low-stake settings and demonstrate their understanding in high-stake settings. As much as possible, real-world data and figures will be applied to bridge the gap between classroom and practical application.**

# Required Course Materials

## Textbook and Online System

The textbook and courseware for this course is being provided via CarmenBooks. Through CarmenBooks, students obtain publisher materials electronically through CarmenCanvas, saving them up to 80% per title. The fee for our material is included as part of tuition and is listed as CarmenBooks fee on your Statement of Account. In addition to cost-savings, materials provided through CarmenBooks are available immediately on or before the first day of class. There is no need to wait for financial aid or scholarship money to purchase your textbook.

Moore, Notz, and Fligner • *The Basic Practice of Statistics* • 9th • Macmillan • ISBN:9781319344641

**Unless you choose to opt-out of the program, you do NOT need to purchase any materials** for this course at the bookstore. You can access your textbook from the CarmenBooks links in both the global CarmenCanvas menu and the navigation menu for this course.

For more information on the CarmenBooks program, [please visit the CarmenBooks website](#).

If you wish to opt out, you will see a button to do so when you launch the materials on your CarmenBooks shelf. You have until the second Friday of any session to opt-out, but the course materials are required, and you will have to purchase them independently if you do so.

If you rely on assistive technology or need an accessibility accommodation for the digital materials provided via CarmenBooks, please contact the Alternative Media team in Student Life Disability Services at [slds-altmedia@osu.edu](mailto:slds-altmedia@osu.edu).

## STUDENT REGISTRATION INSTRUCTIONS

- Log into STAT 1450.01 through Carmen.
- Click on “Macmillan Higher Education” in the left navigation panel.
- Click the Achieve link (note: if you encounter an error message or blank screen, you will need to adjust your browser settings and/or disable pop-up blockers and try again).
- Agree to Macmillan Learning terms of use and end user agreement.
- You are now enrolled in the course and can access future assignments through the Carmen links.
- To access your e-book, select the down arrow next to your name in the upper right corner or use the embedded e-book on the left side panel of the Achieve course.
- **Need Help?** The technical support team can be reached by phone, chat, or by email via the Student Support Community. To contact support, please open a service request by filling out the webform:

<https://macmillan.force.com/macmillanlearning/s/contactsupport>

## Recitation Device

For your weekly recitation, you must bring a device that is compatible with the JMP software (see necessary equipment under course technology below) to complete the assigned activity. Within 10 minutes of the conclusion of the session, you must submit the activity online via Carmen.

## Top Hat

We will use the *Top Hat* software to elicit student participation during lecture (worth 5% of the overall grade). Students will use their devices to respond to questions. You may download the Top Hat app or use the direct link below. Your username must be your name.# (e.g., carter.5).

Top Hat course name: **STAT 1450.01 SP 26 Morning**

**Direct Link:** <https://app.tophat.com/e/569184>      **6-digit join code: 569184**

## JMP

JMP is the statistical software for this course. JMP is free via the following:

Go to [https://www.jmp.com/en\\_us/academic/jmp-student-edition.html](https://www.jmp.com/en_us/academic/jmp-student-edition.html)

Click on "Get JMP for free!"

Follow the remaining registration steps

## Highly Recommended Materials

Texas Instruments 84 (or higher) Graphing Calculator. Note that at least a basic calculator is required.

## Course Technology

For help with your password, university e-mail, Carmen, or any other technology issues, questions, or requests, contact the OSU IT Service Desk. Standard support hours are available at <https://ocio.osu.edu/help/hours>, and support for urgent issues is available 24/7.

- **Self-Service and Chat support:** <http://ocio.osu.edu/selfservice>
- **Phone:** 614-688-HELP (4357)
- **Email:** [8help@osu.edu](mailto:8help@osu.edu)
- **TDD:** 614-688-8743

## Technology Skills Necessary for this Specific Course

- CarmenZoom text, audio, webcam, and screen share. If you need technical assistance, either call 614-688-HELP, or refer to the online instructions:  
<https://resourcecenter.odee.osu.edu/carmenzoom>
- Use of *Achieve*, which you must purchase (see above). If you need technical assistance, either call tech support at 1-800-936-6899 or fill out the form located at  
<https://macmillan.force.com/macmillanlearning/s/contactsupport>

## Necessary Equipment

- Computer: Mac or PC
  - For specific system requirements, please see  
[https://www.jump.com/en\\_us/support/system-requirements.html](https://www.jump.com/en_us/support/system-requirements.html)
- Internet Browser: Chrome
- Robust high-speed internet connection
- Webcam: built-in or external webcam, fully installed
- Microphone: built-in laptop or tablet mic or external microphone
- [Microsoft Office 365 ProPlus](#) - All Ohio State students are eligible for free Microsoft Office 365 ProPlus through Microsoft's Student Advantage program. Office 365 is installed within your BuckeyeMail account. Full instructions for downloading and installation can be found <https://ocio.osu.edu/kb04733>.
- **All Ohio State students now have access to [Adobe Creative Cloud](#) as part of the university suite of [tech tools and programs](#).**

# Grading

## Grades

The following is the **ONLY** credit that will be offered. Please refrain from asking for additional work to boost your grade. This is unfair to offer to 1 student and is impractical to offer to the entire class.

Assignment or Category	Percentage
<b>Exam 1</b> (Mon, Feb 23 <sup>rd</sup> , 5:20 pm – 6:15 pm in Hitchcock Hall 131 Balcony)	<b>21%</b>
<b>Exam 2</b> (Mon, April 6 <sup>th</sup> , 5:20 pm – 6:15 pm in Hitchcock Hall 131 Balcony)	<b>21%</b>
<b>Final Exam</b> (Thurs, April 30 <sup>th</sup> , 6:00 pm – 7:45 pm Last Names A-N in EA 160 Last Names O-Z in Knowlton Hall 250)	<b>21%</b>
<b>Participation in Learning Environment</b> (5% Recitation Activities, 1% Recitation Surveys, and 5% Lecture Participation)	<b>11%</b>
<b>Homework Assignments</b> (11 total, 1.67% each, 2 are dropped)	<b>15%</b>
<b>Quizzes</b> (7 total, 1.83% each, 1 is dropped)	<b>11%</b>
<b>Extra Credit</b> – LearningCurve via Achieve (+0.105% for each Chapter # LearningCurve completed by meeting the target score)	<b>2%</b>
<b>Total</b>	<b>102</b>

According to the weights above, Carmen will calculate your final grade as follows:

**Final Grade** = 0.21(Exam 1%) + 0.21(Exam 2%) + 0.21(Final Exam%) + 0.05(Recitation Activity%) + 0.01(Recitation Survey%) + 0.05(Lecture Participation%) + 0.15(HW%) + 0.11(Quiz%)

**Recitation Activities:** Weekly recitation activities (**due Thursdays**) are your first attempt at the material and therefore are **graded based upon completion and good faith effort**. Do your best while working through them. It is an opportunity to begin to think through the material in a group setting. **They will be due at the conclusion of your scheduled recitation time via Carmen, but note that you will ONLY earn credit if you attend the entire session and submit the activity.**

**Recitation Surveys:** For each recitation activity, there will be a corresponding participation survey. These surveys are meant to gauge your comfortability with the content and the effectiveness of your group work. **They will be due at 11:59 pm the day after your scheduled recitation.**

**Lecture Participation:** Students will be asked to answer Top Hat questions during lecture as a means of gauging student understanding and measuring participation. You will receive a first half and a second half of the semester lecture participation grade, and for each half, you will be granted two freebies. Please advise that if you choose to use your 2 freebies for unexcused reasons, and then you need to miss class for an excused reason, you will be penalized. Please use your freebies wisely.

**Homework Assignments:** Weekly homework assignments (**due Fridays**) are a chance for you to further explore the material, so they have **unlimited attempts**. As long as you do not give up on the problem, you can **attempt it as many times as you would like without penalty**.

**Quizzes:** Quizzes (**due Mondays**) have **1 attempt per question with a 90-minute time limit**. You can reference your notes, the textbook, or any other Achieve resources. Unlike homework assignments, you should feel confident with the material before taking the quiz since you are expected to complete them independently.

**LearningCurve Activities:** For each chapter that we cover, there is a corresponding LearningCurve activity in Achieve. These optional activities are good for extra practice and allow you to earn extra credit. An activity is considered complete when you meet or exceed the target score.

**Late Submissions:** **NO LATE WORK IS ACCEPTED.** For extenuating circumstances, please contact Professor Jones ([jones.5810@osu.edu](mailto:jones.5810@osu.edu)) **BEFORE** the assignment deadline. If a request for an extension is received after 4 pm on the assignment due date, it will be considered one of your dropped assignments.

*Multiple dropped assignments are worked into the system. They include: the lowest 2 homework assignments, the lowest quiz score, and the lowest 2 recitation activities and surveys for each half of the semester.*

*The exact due dates for the above assignments are on the course calendar that is included at the end of this document and on the Carmen Homepage.*

## Exam Format

The format of all 3 exams may include multiple choice and fill-in-the blank followed by short answer questions. To receive full credit, you must show appropriate work on the short answer questions including calculator functions and inputs.

**Exam 1:** The duration of the exam will be 55 minutes. It will cover Chapters 1-6, 8, and 9.

**Exam 2:** The duration of the exam will be 55 minutes. It will cover Chapters 12, 13, 15-18, and 20.

**Final Exam:** The duration of the exam will be 1 hour and 45 minutes. It will be cumulative, but there will be an emphasis on the content you have not been tested on (ie Chapters 21-23, and 25).

While proctoring the course exams, we have the right to record and/or take pictures of you if we believe suspicious activity is taking place. Before the exam begins, you will be instructed to show your phone being placed in your bag and then to place all your belongings at the front of the classroom. Therefore, having your phone in your possession while taking the exam is automatically concerning and will be reported to COAM.

## Alternative Exam Appointments

**Please advise that if you have a direct conflict with an exam date your exam alternative must be finalized at least 1 week prior to the scheduled exam time.** Failure to meet this deadline may result in a grade reduction or the inability to take the exam. Please direct conflicts to the course coordinator, Professor Jones ([jones.5810@osu.edu](mailto:jones.5810@osu.edu)).

Students may request alternative means of taking the exams at an approved proctoring center like the OSU testing center. The OSU testing center is located at 585 Student Academic Services Building, 281 West Lane Avenue, Columbus, Ohio 43210. Other approved centers can be found here: <https://www.ncta-testing.org/proctoring-network>. **Links to an external site.** **Due to fairness and the timeliness of grading, you will be expected to schedule your alternative appointment prior to the normally scheduled exam time (not after).**

## Makeup Exams

**Make-up exams will only be offered to those with extenuating circumstances if requests are received prior to missing the normally scheduled exam. Documentation of your absence may also be necessary.**

## Course Registration and Completion

Students should work with department staff on any ADD and SECTION changes. Students should contact Jean Scott (Cockins Hall 408A [jscott@stat.osu.edu](mailto:jscott@stat.osu.edu)).

Date	Event
Friday, January 16 <sup>th</sup>	The last day to add a course without instructor's permission.
Friday, January 16 <sup>th</sup>	The last day to drop a class and receive a full refund.
	<i>*Please note that students who are dropped for non-payment are not guaranteed re-enrollment.*</i>
Friday, January 23 <sup>rd</sup>	The last day to drop without a 'W' appearing on your record.
Friday, January 23 <sup>rd</sup>	The last day to register for pass/non-pass or audit options.

## Grading Scale

93–100: A  
 90–92.9: A-  
 87–89.9: B+  
 83–86.9: B  
 80–82.9: B-  
 77–79.9: C+  
 73–76.9: C  
 70–72.9: C-  
 67–69.9: D+  
 60–66.9: D  
 Below 60: E

## Faculty Response

### Instructor Feedback and Response Time

#### Grading and Feedback

Exam grades will be available within **7 days**.

#### E-mail

All course e-mail correspondence must be done through a valid OSU name.# account. Expect a 24-hour response time Monday – Friday when communicating with the TAs, instructor, and Professor Jones ([jones.5810@osu.edu](mailto:jones.5810@osu.edu)). We are here to support you, but just not quite in a true “on-demand” sense.

## **Additional Policies, Resources, & Information**

### **Student Participation and Responsibility**

We expect you to be actively engaged in the learning process. You are responsible for your learning. Schedule a minimum of 6 hours to prepare for this course. This equates to 9 hours weekly when the 3 hours for lecture and recitation attendance are included. Successful students perform a variety of positive academic behaviors like: referencing the Carmen page, downloading notes, reviewing notes before recitation, being proactive in contacting a TA or classmate as necessary, etc... Please seek assistance in managing any non-academic responsibilities prior to any potential for under-performance.

### **Electronic Devices**

As a courtesy to fellow classmates, all cellular phones and other electronic devices must be silenced during lectures and recitations. Your engagement with the class will require attentiveness for notetaking. If necessary, TAs and instructors can request that students place these devices out of plain view if their usage is deemed irrelevant to instruction.

### **Accommodations for Extenuating Circumstances**

#### **Opportunities to Complete Assessments Beyond Initial Due Dates**

The established windows of availability provide ample opportunity for administration and submission of all assessments. The inability to take any assessment must be supported with legitimate 3<sup>rd</sup> party documentation and the **request must be received before 4 pm on the assignment due date.**

#### **Grade Appeals**

The TA and I will be fair in evaluating your work. If you believe there is a discrepancy, then please describe the situation in writing and submit it to both of us for review.

### **Accessibility Accommodations for Students with Disabilities**

*The university strives to maintain a healthy and accessible environment to support student learning in and out of the classroom. If you anticipate or experience academic barriers based on your disability (including mental health, chronic,-or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible*

***to discuss your accommodations so that they may be implemented in a timely fashion.***

***If you are isolating while waiting for a COVID-19 test result, please let me know immediately. Those testing positive for COVID-19 should refer to the [Safe and Healthy Buckeyes site](#) for resources. Beyond five days of the required COVID-19 isolation period, I may rely on Student Life Disability Services to establish further reasonable accommodations. You can connect with them at [slids@osu.edu](mailto:slids@osu.edu); 614-292-3307; or [slids.osu.edu](http://slids.osu.edu).***

### **Accessibility of Course Technology**

This online course requires use of Carmen (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 me.

- Carmen Canvas
- Streaming audio and video
- Synchronous course tools

### **Religious Accommodations**

Ohio State has had a longstanding practice of making reasonable academic accommodations for students' religious beliefs and practices in accordance with applicable law. In 2023, Ohio State updated its practice to align with new state legislation. **Under this new provision, students must be in early communication with their instructors regarding any known accommodation requests for religious beliefs and practices, providing notice of specific dates for which they request alternative accommodations within 14 days after the first instructional day of the course.** Instructors in turn shall not question the sincerity of a student's religious or spiritual belief system in reviewing such requests and shall keep requests for accommodations confidential.

With sufficient notice, instructors will provide students with reasonable alternative accommodations with regard to examinations and other academic requirements with respect to students' sincerely held religious beliefs and practices by allowing up to three absences each semester for the student to attend or participate in religious activities. Examples of religious accommodations can include, but are not limited to, rescheduling an exam, altering the time of a student's presentation, allowing make-up assignments to substitute for missed class work, or flexibility in due dates or research responsibilities. If concerns arise about a requested accommodation, instructors are to consult their tenure initiating unit head for assistance.

A student's request for time off shall be provided if the student's sincerely held religious belief or practice severely affects the student's ability to take an exam or meet an academic requirement and the student has notified their instructor, in writing during the first 14 days after the course begins, of the date of each absence. Although students are required to provide notice within the first 14 days after a course begins, instructors are strongly encouraged to work with the student to provide a reasonable accommodation if a request is made outside the notice period. A student may not be penalized for an absence approved under this policy.

If students have questions or disputes related to academic accommodations, they should contact their course instructor, and then their department or college office. For questions or to report discrimination or harassment based on religion, individuals should contact the Office of Institutional Equity.

## Academic Integrity Policy

### Policies for this Course

- **Quizzes and exams:** You must complete the exams yourself, without any external help or communication. Quizzes should also be completed on your own, but you do have the option to reference our course materials.
- **Homework and recitations:** For these assignments, feel free to discuss ideas with others but make sure you are turning in your own work.

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/>.

The Ohio State University’s *Code of Student Conduct* (Section 3335-23-04) defines academic misconduct as: “Any activity that tends to compromise the academic integrity of the University, or subvert the educational process.” Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the University’s *Code of Student Conduct* is never considered an “excuse” for academic misconduct, so I recommend that you review the *Code of Student Conduct* and, specifically, the sections dealing with academic misconduct. <http://studentlife.osu.edu/csc/>.

**If I suspect that a student has committed academic misconduct in this course, I am obligated by University Rules to report my suspicions to the Committee on Academic Misconduct.** If COAM determines that you have violated the University’s *Code of Student Conduct* (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the University. In short, if you are

considering doing something that might be unethical, then resist and refrain from pursuing it. This will help you in college and well-beyond.

If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me. Other sources of information on academic misconduct (integrity) to which you can refer include:

- The Committee on Academic Misconduct web pages ([COAM Home](#))
- *Ten Suggestions for Preserving Academic Integrity* ([Ten Suggestions](#))
- *Eight Cardinal Rules of Academic Integrity* ([www.northwestern.edu/uacc/8cards.htm](http://www.northwestern.edu/uacc/8cards.htm))

## Student Academic Services

Student academic services offered on the OSU main campus:

<http://advising.osu.edu/welcome.shtml>.

## Student Support Services

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

## Other Student Resources

### 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](http://ccs.osu.edu) or calling [614-292-5766](tel:614-292-5766). CCS is located on the 4<sup>th</sup> Floor of the Younkin Success Center and 10<sup>th</sup> Floor of Lincoln Tower. You can reach an on call counselor when CCS is closed at [614-292-5766](tel:614-292-5766) and 24 hour emergency help is also available 24/7 by dialing 988 to reach the Suicide and Crisis Lifeline

### 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, Kellie Brennan, at [titleix@osu.edu](mailto:titleix@osu.edu)

## Diversity

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 his or her 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.

## Weather or Other Short-term Closures

Should in-person classes be canceled, you will be notified as to which alternative methods of teaching will be offered to ensure continuity of instruction for this class. Communication will be administered via Carmen announcements.

## Copyright Policy

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. Therefore, you are NOT permitted to copy, retain, or disseminate course materials online or to any individual.

## Disclaimer

This syllabus should be taken as a reliable guide for the course content. However, you cannot claim any rights from it, and 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.

### Major Assessments

Date and Time		Location	Assessment
Monday, Feb 23 <sup>rd</sup>	5:20 pm – 6:15 pm	Hitchcock Hall 131 Balcony	Exam 1
Monday, April 6 <sup>th</sup>	5:20 pm – 6:15 pm	Hitchcock Hall 131 Balcony	Exam 2
Thursday, April 30 <sup>th</sup>	6:00 pm – 7:45 pm	Last Names A-N in EA 160 Last Names O-Z in Knowlton Hall 250	Final Exam

<i>Tuesdays</i>	<i>Thursdays</i>
<b>January 13</b> Ch.1 Picturing Distributions with Graphs	<b>January 15</b> Ch. 2 Describing Distributions with Numbers (thru 2.4)
<b>January 20</b> Ch. 2 Describing Distributions with Numbers	<b>January 22</b> <u>HW 1 Due F 1/23</u> <u>Qz 1 Due T 1/26</u> Ch. 3 The Normal Distribution (thru 3.4)
<b>January 27</b> Ch. 3 The Normal Distribution	<b>January 29</b> <u>HW 2 Due F 1/30</u> Ch. 4 Scatterplots & Correlation
<b>February 3</b> Ch. 5 Regression (thru 5.2)	<b>February 5</b> <u>HW 3 Due F 2/6</u> <u>Qz 2 Due M 2/9</u> Ch. 5 Regression
<b>February 10</b> Ch. 6 Two-Way Tables	<b>February 12</b> <u>HW 4 Due F 2/13</u> <u>Qz 3 Due M 2/16</u> Ch. 8 Producing Data: Sampling
<b>February 17</b> Ch. 9 Producing Data: Experiments	<b>February 19</b> <u>HW 5 Due F 2/20</u> Ch. 12 Introducing Probability Exam 1 Review <i>Covering Chapters 1-6, 8, &amp; 9 (held outside of class)</i>
<b>February 24</b> Ch. 13 General Rules of Probability	<b>February 26</b> Ch. 13 General Rules of Probability
<b>March 3</b> Ch.15 Sampling Distributions	<b>March 5</b> <u>HW 6 Due F 3/6</u> <u>Qz 4 Due M 3/9</u> Ch. 16 Confidence Intervals: The Basics(thru16.2)
<b>March 10</b> Ch. 16 Confidence Intervals: The Basics Ch. 17 Tests of Significance: The Basics (thru 17.2)	<b>March 12</b> <u>HW 7 Due F 3/13</u> Ch. 17 Tests of Significance: The Basics Ch.18: Inference in Practice
<b>March 17</b> <b>Spring Break – No Lecture</b>	<b>March 19</b> <b>Spring Break – No Lecture</b>
<b>March 24</b> Ch. 20 Inference about a Population Mean (thru 20.4)	<b>March 26</b> <u>HW 8 Due F 3/27</u> <u>Qz 5 Due M 3/30</u> Ch. 20 Inference about a Population Mean
<b>March 31</b> Ch. 21 Two Means (thru 21.3)	<b>April 2</b> <u>HW 9 Due F 4/3</u> Ch. 21 Two Means Exam 2 Review <i>Covering Chapters 12,13,15,16-20 (held outside of class)</i>
<b>April 7</b> Ch.22 Inference about a Pop. Proportion (thru 22.3)	<b>April 9</b> Ch.22 Inference about a Pop. Proportion
<b>April 14</b> Ch. 23 Comparing Two Proportions (thru 23.3)	<b>April 16</b> <u>HW 10 Due F 4/17</u> <u>Qz 6 Due M 4/20</u> Ch. 23 Comparing Two Proportions
<b>April 21</b> Ch. 25 Two Categorical Variables (thru 25.3)	<b>April 23</b> <u>HW 11 Due F 4/24</u> <u>Qz 7 Due M 4/27</u> Ch. 25 Two Categorical Variables Review for a cumulative final exam
	<b>LearningCurve Activities Due Wed 4/29</b>  <b>Final Exam Review – TBD</b>  <b>Final Exam – Thurs, April 30<sup>th</sup> at 6 pm</b>

\*Homework assignments are due on Fridays and quizzes on Mondays. Exam review sessions will be held outside of class time.