

# Course Syllabus

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*This syllabus is a written contract between you and myself, as your instructor.*

*Please read it carefully and contact me if you want any clarification. If you decide to continue in this course, it means that you have thoroughly read the syllabus and accept all requirements as stated.*



## Welcome!

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You belong here at PCC! I value differences and appreciate working with students of all races, ethnicities, religions, ages, documentation statuses, veteran statuses, sexual orientations, gender identities and expressions, abilities, sizes, shapes, socio-economic backgrounds and educational backgrounds. Black lives and Black minds matter! I am striving to deepen my anti-racist teaching practices. I plan to learn as much from you as I hope you will learn from the experience of this class. PCC is a [sanctuary college](#). The equal sign is also a symbol of the [Human Rights Campaign for LGBTQ+ rights](#). The "In Our America" flag is used under a creative commons license from [In Our America Love Wins](#).

*"The biggest thing I bring with me today is that who controls the numbers has a big say in what narrative is constructed with them. Knowledge--and being able to share that knowledge--is power, and I'm inspired by you to seek meaning in the numbers in ways I haven't before." ~ Yoli Jones, former student*

### Get help

There's more help available for students! Get help with housing, healthcare, and more. See [help with basic needs](#) or let us help connect you to resources: [gethelp@pcc.edu](mailto:gethelp@pcc.edu), 971-722-6555, or [schedule an appointment](#).

## Course Information

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- **Course:** MTH 244
- **Course Title:** Statistics II
- **Modality:** In Person
- **Day/Time:** Mondays and Wednesdays, 2-3:50 pm
- **Location:** Southeast Campus (SE 82nd and Division), Student Commons Building SCOM 200
- **CRN:** 11186
- **Credits:** 4 credits
- **Term:** Winter 2025

## Instructor Information

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- **Instructor:** Cara Lee
  - You can call me Cara (Care-uh, rhymes with Sarah) or Ms. Lee, whichever you are more comfortable with. Cara is fine with me:)
  - Pronouns: she/her/hers or they/them/theirs
- **Email:** [cara.lee@pcc.edu](mailto:cara.lee@pcc.edu). Email me here in D2L by going to the envelope icon up above, or in MyPCC. Due to laws that protect your educational privacy (FERPA) I must email your PCC account.
- **Phone:** 971-722-3773 (This also forwards to my cell phone when I'm working at home)
- **Text:** 971-350-8868 (Google Voice 9-5 on weekdays)

- **Office Location:** Southeast Campus SCOM 214, 2305 SE 82nd Ave. Portland, OR, 97216 (and my home office)
- **Student Help Hours:**
  - In person drop-in: MW 3:50-4:20 pm after our class in SCOM 200. If everyone has left you are welcome to find me in my office in SCOM 214.
  - Use [this link to schedule 1-1 time with me on Zoom](#). The Zoom link will be shown and sent to you in a calendar invitation. It is always this [link](#). These are my general times, and they may shift slightly due to meetings, etc.
    - Mondays, 11am-noon and 5-6 pm
    - Tuesdays and Thursdays, Noon-1 pm
  - Or by phone or email me for another time on Zoom or in person.
- **Tutoring Center Schedule and link:** [Tutoring Center](#)
- Please don't hesitate to reach out for help! You can always contact me and here is a link to [Resources for Students](#).

## Communication Guidelines

### Let the phone and Zoom be your friend

If you feel stuck between classes, we can usually resolve it in a 5-15 minute phone or Zoom call. I know can be intimidating to call or Zoom with your instructor but it's worth it. Please reach out right away if you get stuck or lost! Part of college is learning to ask for help.

### Email

You can email from D2L Brightspace or MyPCC. You can also use the Classlist tab to send an e-mail to me and/or classmates.

If your question or comment would be of interest to other students, please post it to the discussions area or forum in MyOpenMath. This way other students can help answer questions, and all students will benefit from the answers. Please refer to the information on "netiquette" in the introductory module for guidelines governing the content of written communications.

### Response from Instructor

I will be checking email several times a day on weekdays. Email sent on weekdays will be answered within 24 hours, but usually much faster. Emails sent Friday afternoon or over the weekend will be answered the following Monday (or next business day) at the latest.

Assignments, quizzes and tests will be graded within a week of the deadline, but often faster.

## Instructional Materials

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### Required Resources

- **Textbook:** Diez, et al., 2019. *Advanced High School Statistics, Second Edition*. (Same as Stat 243.) It is [free online](#), with optional low-cost copies at the bookstore, ISBN: 9781943450091, or [Amazon](#). There is a link in our D2L navigation bar and in MyOpenMath. I suggest using the free online version for awhile to decide whether to buy the physical copy.
- **Additional Supplements:**
  - [Additional ANOVA Calculations for MTH 244 \[pdf\]](#)
  - [Additional Linear Regression Calculations for MTH 244 \[pdf\]](#)
  - [Bootstrapping: Intro to Modern Stats Chapter 12](#)
- **Lecture Notes Pages:** I am making my own notes packet this term so I will bring copies of the notes pages to class. If you prefer to take notes electronically, I will post the word doc and PDF in D2L before class. I will do my best to post them further in advance and I will post the completed notes after each class.
- **Free Online Applets listed in each module:** These will be demonstrated and practiced in class and needed for your homework, quizzes and tests.
- **Free Online Homework System:** [MyOpenMath](#) free online homework system. Click on *Register as a new student* or *Log in and click on Enroll in a new class*. (Use the video instructions in the welcome announcement). You will need this information:
  - Course ID: **227859**
  - Enrollment Key: **statsisfun**

## Course Description

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Includes confidence interval estimation; tests of significance including z-tests, t-tests, ANOVA, and chi-square; and inference for linear regression. Investigates applications from science, business, and social science perspectives. Graphing calculator with advanced statistical programs and/or computer software required; see instructor.

**Note:** Graphing calculators are not required in this class but if you already have one you may use it. We will be using free online applets.

## Course Prerequisites

MTH 243 or STAT 243, and (WR 115 and RD 115) or IRW 115 or equivalent placement.

The ability to use a computer, download and upload files, navigate websites, check email, and to know when to ask for technical help are important to have. When having technical issues, contact the [Student Help Desk](#) or your instructor as soon as possible.

## Learning Outcomes

Students will be able to:

1. Critically analyze the data from observational studies, surveys, and experiments, and using appropriate statistical methods and technology, judge if the results are reasonable, and then interpret and clearly communicate the results.
2. Interpret studies in scholarly and scientific publications and make sense of statistical information provided by the media.
3. Understand and be able to communicate the underlying mathematics involved to help another person gain insight into probability and statistics concepts encountered in real world situations.
4. Reason from data and use standard mathematical terminology, notation, and symbolic processes in order to engage in work, study, and other applications that require the use of and an understanding of the concepts of statistics in a data-based setting.

## Class organization

This class has a modular design where each week goes from Monday to Monday. Our course materials can be found in the **Content tab** on the course navigation bar.

The due dates for each week's assignments follow the same pattern, though there may be some exceptions during the term for holidays.

The standard weekly pattern is:

- **Monday in Class:** Work through lecture notes and class activities
- Work on the MyOpenMath assignment from the Monday content
- **Wednesday in Class:** Work through lecture notes and activities
- Work on the MyOpenMath assignment from the Wednesday content
- Attend office hours and tutoring as needed, post questions in MyOpenMath forums and D2L discussions. Contact the instructor and/or classmates for questions and support.
- **The next Monday by 11:59 pm**
  - MyOpenMath homework due
  - Upload notes and class activities if you missed any classes
  - Upload Assignment in D2L or Take Quiz in MyOpenMath as specified on the course calendar

The weekly activities are designed to take you from the lower retention to higher retention activities each week as shown in the pyramid. The interaction in the lectures and the class activities are very valuable for discussion, practice by doing, and teaching others.

We will be using a lot of free technology in this class to analyze data and do simulations so that is another important part of the class activities.

*If you ever feel frustrated, isolated or lost in the class, please contact me right away. I've been there and I am here to help you. You can also use the forums and discussion boards for content questions so students can help each other.*



Source: National Training Laboratories, Bethel, Maine

## Technology and Resources

### Technology Requirements

- **Calculator:** If you prefer a handheld calculator, a scientific calculator (ex. TI30X) is recommended for calculations. You will also have access to a free [Desmos online calculator](#). A graphing calculator may be used but is not needed.
- **Stapplet:** Free apps available at [Stapplet](#)
- **StatKey Applets:** Free apps available at [StatKey](#)
- **Rossman/Chance Applets:** Free apps available at [RossmanChance](#)

- **Printer** to print assignments if desired. You can also write anything on blank paper.
- **Scanner or scanning app** to upload completed worksheets. [Adobe Scan](#) is a free app for scanning documents to a mobile device. Other options include: [ScanBot](#) or [GeniusScan](#).
- **Firefox, Chrome, or Safari** web browser.
- **Word Processing:** You can use Google Docs or Microsoft Word for this course. You can get [Microsoft Office 365 for free](#) directly from Microsoft using your PCC email address.
- **Spreadsheets:** Google Sheets or Microsoft Excel (using free Office link above).
- **Google Slides:** You'll be using Google Slides for your project.

## Student Help Desk Information

Phone: (971) 722-8222

Email: [shd@pcc.edu](mailto:shd@pcc.edu)

Website: [Student Help Desk](#)

Location: Sylvania ST 2

Hours: Mon-Thurs: 8am-6pm, Fri: 8am-5pm, Sat: 11am-5pm, Sun: 11am-8pm

## Accessibility Resources for Required Course Activities

- [Accessibility Guide for MyOpenMath](#)
- [StatKey Accessibility](#)
- [Accessibility Guide for GeoGebra](#)
- [Accessibility Resources for Adobe Reader](#)
- [Accessibility Features for Google Products](#) (including YouTube)
- [Accessibility Features on Zoom](#)
- [Microsoft Word Accessibility Statement](#)
- [Excel Substitutes for Some Applets](#) ☺ (Please email or call me for help with this)

## Appropriate Use of Artificial Intelligence (AI)

There are ways you can use artificial intelligence to help your learning and also ways that violate the [Student Code of Conduct](#). All work and writing submitted on labs, homework, quizzes and tests must be your own. AI tools, such as ChatGPT, can be used for your learning to summarize topics, generate practice questions, etc. If you have a question about what is appropriate use of an AI tool, please ask me before using it.

## Learning Activities and Graded Elements

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The learning activities in this class have been designed with [Universal Design](#) in mind.

### Lectures and Notes Pages

During each class we will have interactive lecture and activities in a computer lab. You'll be using technology along with me during class. You can use your own laptop or the computers in the lab (except for tests, which must be taken on PCC computers). Take notes in a way that is most useful for you. These are for your use and won't be turned in. Many people like to highlight and use multiple colors. These notes will be your guide for doing the homework, quizzes, and studying for the tests.

### Optional Videos

Some of the beginning modules have optional videos that are from Stat 243. I don't have a full set of videos for this class yet.

### Participation

When you are present and engaged in class I will record the full participation points for the day. If you are absent or miss a significant portion of a class, please upload your notes and activities in D2L to get the participation points for the day. Check the posted completed notes to help you and ask me and/or classmates about any questions you have.

### MyOpenMath Online Homework and Forums

Each week you will be logging into MyOpenMath to complete one or two sets of online exercises. MyOpenMath will automatically grade your work and you will have the opportunity to rework all questions until you get them right. You have unlimited tries on each problem. Get help as needed and keep working on these until you have 100% in each section.

Each question is worth one point in MyOpenMath and is recorded when you get the problem correct. You can get partial credit if the question has multiple parts. There is no penalty for repeated tries on each problem. Your score in MyOpenMath will be converted to a percentage and is worth 100 points of the course grade. It will be worth 10 points in week 1 and I'll increase it by 10 points each week. There are also bonus review problems for each exam which count for extra credit.

**For help**, each problem has a link at the bottom that says **post this question to forum**. This will copy your problem into a message where you can type what you are stuck on or what you have tried. An image of what you tried or typing in your steps is really helpful. This is a great opportunity to get help and teach other students, which reinforces your learning for the highest level of retention. I will also answer questions there regularly.

## Graded Assignments



Some weeks will have a written/typed assignment that is designed to give you an opportunity to show your understanding and get detailed feedback from me. Write your answers in complete sentences and show all your steps for calculations. Be sure to include units on all statistics! You will also be using technology, so please include screen captures for any simulations used.

You can print, hand write and scan, write on blank paper and scan, or complete as a google doc or word doc. Upload as a single document to the appropriate Assignments folder in D2L by the due date. If you are a Mac user, upload your file as a pdf because .pages files cannot be read by D2L.

## Quizzes in MyOpenMath

There are 2 quizzes that will be taken outside of class using the MyOpenMath platform, one in the first half and one in the second half of the class. These are designed to help you get used to the test format before each test along with inserting screen captures.

These are open note and resource quizzes, but no other people or AI tools are allowed. You're expected to use all the technology we use in class (If you used something else in 243 that you'd like to use please ask and it's likely that I'll allow it). Study beforehand and get all of your materials organized so you can find things easily. You will be getting partial to full credit for everything you do right, so it is very important so show your steps and your thinking on the quizzes. Be sure to include units on all statistics. All writing must be in your own words.

You can choose when to start your quiz and you will have a certain amount of time to take it. This is a generous amount of time, you will most likely not need the whole time. Just in case, be sure to start more than that amount of time before the deadline because the quiz will close at the deadline regardless of the time it was started. Or use a late pass and then start the quiz if you will go past the deadline.

You will be able to add screenshots and type your steps or writing into the MyOpenMath system, or you can write your work on plain paper. If you write on paper, **use a free phone scanner app** like Adobe Scan to convert pictures of your work into a single PDF file. Here are some [video instructions](#). You will be directed in the quiz to upload your work using the Assignments Tab in D2L right after you finish your quiz.

You won't see any feedback during the quiz until I grade it. If you change your mind or realize you made a mistake after entering an answer, make a note in MyOpenMath or on your paper and I will grade that.

## Exams

There will be a midterm and final given in class as shown on the class calendar. Unlike the quizzes, the exams will be closed book and closed notes, but a formula sheet will be provided. This progression from the homework to quizzes to exams is meant to help you get confident with the material for the exams. I will provide the formulas for each test and share those in advance. I will also put that information in the midterm and final information pages in the content tab.

You'll be using the MyOpenMath system for tests. Just like the quizzes, you will be able to add screenshots and type your steps or writing into the MyOpenMath system, or you can write your work on paper that I will provide and collect.

If you have accommodations through [Accessible Ed & Disability Resources at PCC](#), please contact me so we can discuss your specific accommodations and how I can best support you.

## Project

There will be one project where you get to go through the entire statistical process from data collection to conclusion and present your findings to the class. More information will be provided in D2L and in class.

## Late Work & Make-up Policy

**General Spirit of my Late-Work Policy:** Generally speaking, work should be done on time so that you can keep up with the course and not fall behind. However, I understand you are balancing a lot and I don't think you should be punished for turning in late work by docking points. If you need a couple extra days here and there throughout the term, that seems like a fair thing to allow. Communication with your instructors is a very important skill to build, so please email me and let me know what you need.

To go with this flexibility, I have high expectations. I expect you to complete everything in the course. If you miss something, don't skip it, complete it or email me so we can set up a plan. The formal rules for this are as follows:

- **Online Homework:** You have 5 Late Passes in MyOpenMath. Click on LP to give yourself an extension. If you are not able to click on that let me know and I can extend it for you. I can grant more Late Passes if needed, just ask. It's important to get caught up as soon as possible and I expect you to get 100% in all sections because you have unlimited tries.
- **Graded Assignments:** You may request a few days extensions on assignment write-ups. To receive one of these due date extensions, email me as soon as possible, and I will grant the extension. Your work should be uploaded in the assignment folder as usual.
- **Quizzes:** You can also choose to use your Late Passes for Quizzes. It's important to get caught up as soon as possible in order to complete the course.

- **Exams:** If you are sick please don't come to campus or any proctoring location. Contact me right away if you are sick or have an emergency that prevents you from attending a test. You'll be scheduling a make-up exam with the [testing center](#). Please forward your confirmation email so I know when to get the information to them.
- **Bonus Review Problems in MyOpenMath:** There are some bonus review problems in MyOpenMath in the midterm review and final review assignments to get a few extra points. These are not a substitute for any regular assignments.

**Important Notes about Flexibility and Incompletes:**

- I can offer some flexibility during the term, but I don't have any flexibility on when the term ends.
- The flexibility is meant to be a few days here and there when you are balancing a lot. If you get too far behind it may not be possible to catch up and pass the class.
- All assignments and the quiz in the first half must be completed by the midterm time, and all assignments and quiz in the second half must be completed by Sunday night before the final. If I get flooded with work at the last minute I won't have time to grade it before grades are due.
- If a student has a lot of overdue work I may set individual deadlines. If you have a concern please reach out to me so we can talk about it.
- An Incomplete will only be considered if at least 80% of the work is completed to a passing level (70% or higher).

*Please reach out right away if you get stuck because you can't afford to get very far behind and finish all the material!*

## Evaluation of Assignments/Assessments

Grades are based on your online homework, assignments, quizzes, project and exam results. I will write detailed feedback on your assignments and quizzes and post grades within a week after the due date. Be sure to read my feedback in MyOpenMath and D2L even if you have 100%. I may have written important information to improve for next time.

## Grading Criteria:

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### Graded Elements of the Course:

Graded elements and points

Activity	Total Number During the Term	Points per Activity	Total Number of Points
Student Info Assignment	1	5	5
Class Participation	18	2	36
MyOpenMath Homework	21	varies	100
Graded Assignments	5	15	75
Quizzes	2	25	50
Project	1	50	50
Midterm	1	100	100
Final Exam	1	120	120
<b>Total</b>			<b>536</b>

If your final, rounded, course % is within 1% of the next higher letter grade, **and** your final exam score is within the higher letter grade range, then you will receive the higher letter grade. Otherwise, your final grade will be assigned according to the minimum course grade requirements below and standard rounding rules. For more information, please go to the [PCC Grading Guidelines](#).

### Grading Scale:

Grades and points

Letter Grade	Grading Scale by Points	Grading Scale by Percentage
A	480 - 536+	90 - 100%
B	427 - 479	80 - 89%
C	373 - 426	70 - 79%
D	319 - 372	60 - 69%
F	≤ 318	below 60%

## PCC Policies and Deadlines

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## Sanctuary College

Portland Community College is a [sanctuary college](#) which means policies are designed to protect undocumented students.

## Title IX/Non-Discrimination statement



Portland Community College is committed to creating and fostering a learning and working environment based on open communication and mutual respect. If you believe you have encountered sexual harassment, sexual misconduct, sexual assault, or discrimination based on race, color, religion, age, national origin, veteran status, sex, sexual orientation, gender identity, or disability please contact the Office of Equity and Inclusion at (971) 722-5840 or [equity.inclusion@pcc.edu](mailto:equity.inclusion@pcc.edu).

If you experience any harassment, microaggressions or any form of exclusion in our class, please let me know so I can help. You can also talk with me about other issues, just know that all instructors are mandatory reporters for any allegations of dating or domestic violence, child abuse or neglect, abuse of vulnerable populations, and/or credible threats of harm to yourself or others. If you wish to make a disclosure that can remain confidential, there are staff at PCC who are deemed confidential. I can help direct you to confidential staff or you can find more [Title IX help here](#).

## Basic Needs

Everyone needs help sometimes and PCC is here for you. We want you to be successful in reaching your education and career goals! If you are struggling to make ends meet and don't know what resources are available, [reach out](#). We can help you connect to resources on campus and in the community. You can also reach out to us at [gethelp@pcc.edu](mailto:gethelp@pcc.edu) or 971-722-6555.

## PCC Grading Guidelines

See an outline of the [PCC Grading Guidelines](#) for more information.

## Registration policy and Deadlines for the term

Students are responsible for adding, dropping or withdrawing from the class, and selecting a letter grade or pass/no pass grading option. Please review [Drop/Withdraw deadlines](#) and [PCC Registration Policy](#) for more information and deadlines.

## Payment Deadlines

Payment is due two weeks before the start of the term. If you enroll after that date, payment is due immediately. Bills are issued beginning three weeks before the term. You can see your balance or access your bill online in the MyPCC Paying for College tab. Please review [PCC Payment Policy](#) for more information.

## Student Rights and Responsibilities

The [Student Rights and Responsibilities Handbook](#) establishes students' freedoms and protections as well as expectations of appropriate behavior and ethical academic work. The Handbook includes items such as the Policy on Student Rights, and the Student Code of Conduct Policy and Procedures.

## Academic Integrity (rules about cheating, plagiarism, or sharing work)

Students are required to complete this course in accordance with the Student Rights and Responsibilities Handbook. Cheating includes any attempt to defraud, deceive, or mislead the instructor in arriving at an honest grade assessment, and may include sharing answers, copying answers from other students, answer keys or using unauthorized resources during tests. Plagiarism is a particular form of cheating that involves presenting as one's own the ideas or work of another (including AI), and may include using other people's ideas without proper attribution and submitting another person's work as one's own. Dishonest activities such as cheating on exams and submitting or copying work done by others will result in disciplinary actions including but not limited to receiving a failing grade. For further information, review the institution's [Academic Integrity Policy](#).

## Internet Etiquette (or Netiquette)

[Click here for more information about Netiquette.](#)

## Accessibility and Accommodations

PCC and I are committed to supporting all students and minimizing barriers. If you plan to use academic accommodations for this course, please send me the formal notification. We can set up a meeting to discuss how I can help meet your needs. To begin the process of requesting academic accommodations for any disability, please contact a disability services counselor on any PCC campus. Office locations, phone numbers, and additional information are located on the [Disability Services website](#).

## Privacy Policy for External Tools

Here is more information for the external tools that are used in this class:

- [MyOpenMath Privacy Policy](#)
- [Google Privacy Policy](#)
- [Microsoft Word Privacy Policy](#)
- [Quizlet Privacy Policy](#)

## Campus Resources

PCC offers a variety of resources to help you succeed in your classes and to enhance your college experience (e.g., jobs on campus, child care, student clubs, tutoring, writing centers, Multicultural Centers, Women's Resource Centers, Veterans Resource Centers, Queer Resource Centers, Dreamers Resource Center, emergency loans, food pantries, advising, counseling). You can access information about college resources and activities at [the Student Life web page](#).

## Flexibility

The instructor reserves the right to modify course content and/or substitute assignments and learning activities in response to institutional, weather or class situations.



# Course Calendar

## General Weekly Pattern:

- **Mondays:** Class from 2-3:50 pm. Lecture and activities
- Practice the Monday material in MyOpenMath Homework
- **Wednesdays:** Class from 2-3:50 pm. Lecture and activities
- Practice the Wednesday material in MyOpenMath Homework
- Attend office hours and tutoring as needed, post questions in MyOpenMath forums and D2L discussions. Contact instructor and/or classmates for questions and support.
- **The next Monday by 11:59 pm**
  - MyOpenMath online homework due
  - Upload notes and activities if you missed any classes
  - Upload Assignment/Project parts in D2L or Take Quiz in MyOpenMath, in weeks specified below



*Exams: There will be two exams during class time.*

- **Midterm Exam:** Monday, Feb 10 in class, bring MyOpenMath login and password
- **Final Exam:** Wednesday, Mar 19 in class, bring MyOpenMath login and password

## Content and Assignments by Week

Module	Monday	Wednesday	Assignments due by the next Monday
<b>Complete before the term or during the first week</b>	Read Course Info, Syllabus and Calendar	I will bring the notes pages each class day	<ul style="list-style-type: none"> <li>• Upload Student Info Assignment</li> <li>• Create a MyOpenMath account and complete the orientation assignment (see video)</li> </ul>
<b>Week 1</b> Jan 6 - 13	Class Orientation and community building  Lesson 1 Review and Preview, Hypothesis Testing by Simulation	Section 5.1, 5.3, 6.1  Lesson 2 Sampling Distributions and Theoretical 1 Proportion Hypothesis Testing	<ul style="list-style-type: none"> <li>• MyOpenMath Orientation, Lesson 1 and 2</li> <li>• Complete and Upload Assignment 1 (Team)</li> </ul>
<b>Week 2</b> Jan 13 - 21 (Ends on Tues due to MLK Holiday)	Section 5.1, 5.2, 6.1  Lesson 3 1 Proportion Confidence Intervals and Bootstrapping	Section 5.3  Lesson 4 Type I and II Error, Comparing HT and CI	Due on Tuesday, 1/21 due to MLK Jr. Holiday: <ul style="list-style-type: none"> <li>• MyOpenMath Lesson 3 and 4</li> <li>• Complete and Upload Assignment 2 (Individual)</li> </ul>
<b>Week 3</b> Jan 20 - 27	<b>Dr. MLK Jr. Holiday</b>  <b>No Class</b>	Section 6.2  Lesson 5 2 Proportion Confidence Intervals  Explain Project	<ul style="list-style-type: none"> <li>• MyOpenMath Lesson 5</li> </ul>

Module	Monday	Wednesday	Assignments due by the next Monday
<b>Week 4</b> Jan 27 - Feb 3	Section 6.2 Lesson 6 2 Proportion Hypothesis Tests Brainstorm project ideas	Section 6.3 Lesson 7 Chi square goodness of fit	<ul style="list-style-type: none"> <li>• MyOpenMath Lesson 6 and 7</li> <li>• Quiz 1 in MyOpenMath</li> </ul>
<b>Week 5</b> Feb 3 - 10	Section 6.4 Lesson 8 Chi square Homogeneity and Independence	Review and Practice for Midterm	<ul style="list-style-type: none"> <li>• MyOpenMath Lesson 8</li> <li>• Project Proposal Uploaded</li> </ul>
<b>Week 6</b> Feb 10 - 17	<b>Midterm</b> <b>Lessons 1-8</b>	Section 7.1 Lesson 9 1 Mean Confidence Intervals	<ul style="list-style-type: none"> <li>• MyOpenMath Lesson 9</li> <li>• Collect Project Data</li> </ul>
<b>Week 7</b> Feb 17 - 24	Section 7.1 Lesson 10 1 mean hypothesis tests	Section 7.2 Lesson 11 Matched pairs	<ul style="list-style-type: none"> <li>• MyOpenMath Lesson 10 and 11</li> <li>• Complete and Upload Assignment 3</li> <li>• Project Summary Statistics Uploaded</li> </ul>
<b>Week 8</b> Feb 24 - Mar 3	Section 7.3 Lesson 12 2 independent means	ANOVA Supplement Lesson 13 Analysis of Variance	<ul style="list-style-type: none"> <li>• MyOpenMath Lesson 12</li> <li>• Complete and Upload Assignment 4</li> </ul>
<b>Week 9</b> Mar 3 - 10	More ANOVA	Chapter 8 and Linear Regression Supplement Lesson 14 Regression Inference	<ul style="list-style-type: none"> <li>• MyOpenMath Lesson 13 (due on Wed, 3/5)</li> <li>• Quiz 2 in MyOpenMath</li> <li>• Project Slides Uploaded</li> </ul>
<b>Week 10</b> Mar 10 - 17	<b>Project Presentations</b> and more Regression	Practice for Final (Study when to do each thing we learned)	<ul style="list-style-type: none"> <li>• MyOpenMath Lesson 14 (due on Wed, 3/12)</li> </ul>
<b>Week 11</b> <b>Finals Week</b> Mar 17 - 19	<b>No Class</b>	<b>Final on Wed, 3/19</b> <b>2-3:50 pm</b> <b>Cumulative,</b> <b>but more emphasis on</b> <b>Lessons 9-14</b>	<ul style="list-style-type: none"> <li>• Take the Final Exam on Lessons 1-14, with more emphasis on 9-14</li> <li>• Complete your course evaluation in MyPCC, My Courses Tab</li> </ul>

**Flexibility Statement:** The instructor may need to modify the course content, assignments and/or learning activities in response to institutional, weather or class situations.