

Course Syllabus

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!



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 and I have a social justice theme in this class. 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, 971-722-6555, or [schedule an appointment](#).

Course Information

- **Course:** STAT 243Z
- **Course Title:** Elementary Statistics I
- **Modality:** Online/Web (no class meetings, asynchronous work with support)
- **CRN:** 44065
- **Credits:** 4 credits, including the lab component
- **Term:** Fall 2024
- **Proctoring Requirements:** There are no on campus requirements. There are 2 proctored exams required that can be taken virtually with me on Zoom. There is also an in-person option, read on for more details and options.

Instructor Information

- **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. 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:**

- Use [this link to schedule 1-1 time with me](#) and it will generate a Google Meet link and calendar invitation with reminders. General times:
 - Mondays, 11am-noon
 - Tuesdays, 2-3:30 pm
 - Thursdays, Noon-1pm
 - In person drop-in: MW 4:50-5:30 and Tues 11:50am-12:30 pm after in person classes in SCOM 200.
- Or by phone or email me for another time virtually or in person on the SE Campus.
- **Tutoring Center Schedule and Link:** [Tutoring Center](#)
- **Time zone:** All dates and times are based on the Pacific Time zone because PCC is located in Portland, Oregon, USA.
- Please don't hesitate to reach out for help! You can always contact me and our class mentor, and here is a link to [Resources for Students](#).

Peer Mentor and Lab Assistant Information

- **Peer Mentor: Chantell Wesley**
 - Pronouns: she/her
- **Email:** cc.wesley@pcc.edu
- You can schedule time with her using the calendar link on the course home page under her picture.
- Chantell will be our student class mentor and lab assistant this term. She will be providing resources and reaching out to students to support community building, connection to PCC resources and academic success.

Communication Guidelines

Let the phone and Zoom be your friend

Even if you feel totally stuck, 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!

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. Your first communication assignment is to introduce yourself in the discussion topic "Introductions."

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. Email sent over the weekend will be answered the following Monday (or next business day) at the latest.

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

Instructional Materials

Required Resources

- **Textbook:** Diez, et al., 2019. *Advanced High School Statistics, Second Edition*. It is [free online](#), with optional low-cost copies at the bookstore, ISBN: 9781943450091, or [Amazon](#). There is a link on our D2L home page and in MyOpenMath. I suggest using the free online version for awhile to decide whether to buy the physical copy.
- **Supplement for Bootstrapping:** [Intro to Modern Stats Chapter 12](#)
- **Lecture Notes Packet:** You can buy all the pages needed from the SE bookstore or print them yourself. Some students write on the pdfs using a tablet. Writing in Word docs or on plain paper is also fine. PCC libraries are now open and you can check your local library for printing services. If you are printing all at once see the "Pages to print" module in D2L. All files are also in the modules as you need them.
- **Free Online Applets listed in each module:** These are demonstrated in the videos and needed for your homework, quizzes and tests.
- **Desmos Classroom:** This is a free system where there will be an interactive lab with each module. Desmos labs are accessed using the link on our D2L home page or the navigation bar (links). This digital platform may cause barriers for those using assistive, or accessibility-related technologies. If you encounter barriers, please let your instructor know and contact the Access Tech Team at access-tech-group@pcc.edu or by calling 971-722-TECH (971-722-8324).
- **A handheld or online scientific calculator:** You may use a phone as a calculator while you practice, but not during a test. Our tests will be proctored virtually so you can use either a handheld calculator, a spreadsheet or a free online calculator like [Desmos](#). If you have a graphing calculator you may

use it but don't buy one.

- **Free Online Homework System:** [MyOpenMath](#) free online homework system. Click on *Register as a new student* and enter your information (Video instructions in the welcome announcement). You will need this information:
 - Course ID: **248023**
 - Enrollment Key: **statsisfun**

Course Description

Focuses on the interpretation and communication of statistical concepts. Introduces exploratory data analysis, descriptive statistics, sampling methods and distributions, point and interval estimates, hypothesis tests for means and proportions, and elements of probability and correlation. Uses technology when appropriate. This course is part of Oregon Common Course Numbering. MTH 243, STAT 243, and STAT 243Z are equivalent.

[STAT 243 Course Content and Outcomes Guide.](#)

Course Prerequisites

MTH 95 or MTH 98 or higher, and (WR 115 and RD 115) or IRW 115 or equivalent placement.

Since this is an online, asynchronous class, the ability to use a computer, download files, navigate websites, check email, use a word processing program (such as Word), and to know when to ask for technical help are essential skills to have. When having technical issues, contact the [Student Help Desk](#) or your instructor ASAP.

Learning Outcomes

Students will be able to:

1. Critically read, interpret, report, and communicate the results of a statistical study along with evaluating assumptions, potential for bias, scope, and limitations of statistical inference.
2. Produce and interpret summaries of numerical and categorical data as well as appropriate graphical and/or tabular representations.
3. Use the distribution of sample statistics to quantify uncertainty and apply the basic concepts of probability into statistical arguments.
4. Identify, conduct, and interpret appropriate parametric hypothesis tests.
5. Assess relationships in quantitative bivariate data.

For more information, please go to the [Course Content and Outcome Guide.](#)

Here's the link to the [Oregon State Common Course Numbering Guide](#)

Time Management and Asking for Help

This is a 200-level course and there is a lot of material, so it is really important to manage your time well and not get behind. There is an expectation that you will read, do, and learn on your own, and you will get help when needed. I am really excited to help you, when you need it! Please make the effort to reach out for help, even for little questions.

Class organization and Weekly Pattern

This class has a modular design where each module starts on Wednesday morning (but usually they are open early) and due dates are on Monday nights and Wednesday nights at 11:59 pm. Each module can be found in the **Content tab** on the course navigation bar.

Each module contains **lecture videos** with **notes pages** to help you take notes as you watch the videos. Notes can also be written on plain paper. These are for your learning and won't be turned in.

Due dates for each module's assignments will be listed within the module as well as on the **Course Calendar**, which is available in the Course Information Module. Use D2L as a checklist. The items are put in the suggested order in which to complete them. You may wish to work on the MyOpenMath homework and Lab together or sequentially. Experiment and see what works best for you.

Due dates for each module's assignments follow a standard schedule, though there may be some exceptions during the term for holidays.

The standard weekly pattern is:

- **Wednesday:** start module content (These are open when ready so you can work ahead if you like)
- Watch the videos and take notes on plain paper, word docs or printed notes pages
- **The next Monday at 11:59 pm (Or Tuesday if Monday is a holiday):**
 - Desmos Lab due
 - MyOpenMath Online homework due
- Attend office hours and tutoring as needed, post questions in MyOpenMath forums and D2L discussions and/or email instructor and/or mentor.
- **The next Wednesday by 11:59 pm:**
 - Module Quiz due, using MyOpenMath with work typed in MyOpenMath or uploaded in D2L

The weekly activities are designed to take you from the lower retention to higher retention activities each week as shown in the pyramid. I suggest you log into the course **at least 4 times a week** to work on the modules, participate in discussions and check for feedback. Each time you log into the course, be sure to check for any new announcements, feedback and discussion posts.

In this online class we are going to learn everything that you would learn in a face-to-face class, but there is a lot more self-motivation required. Please reach out if you find this is not the best type of class for you or you are falling behind.

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.



Technology and Resources

Technology Requirements

- **Desmos:** Free lab activities using the link on the course home page or navigation bar (links)
- **Stapplet:** Free apps available at [Stapplet](#)
- **Rossman/Chance Applets:** Free apps available at [Rossman Chance Website](#)
- **StatKey Applets:** Free apps available at [StatKey](#)
- **Printer** to print lecture notes and worksheets. 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 Microsoft using your PCC email address.
- **Spreadsheets:** Google Sheets or Microsoft Excel (using free Office link above).
- **Calculator:** If you prefer a handheld calculator, a scientific calculator (ex. TI30X) is recommended for calculations. You will also have access to a [Desmos online calculator](#). A graphing calculator may be used but is not needed.
- The [technical requirements](#) for most online classes include access to a computer with a modern operating system and a [supported web browser](#).
- [Technology Requirements for Online Learning at PCC](#).

Student Help Desk Information

Phone: (971) 722-8222

Email: 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 Features for Desmos Classroom Activities](#) - This digital platform may cause barriers for those using assistive, or accessibility-related technologies. If you encounter barriers, please let your instructor know and contact the Access Tech Team at access-tech-group@pcc.edu or by calling 971-722-TECH (971-722-8324).
- [Accessibility Features on Desmo Calculators](#)
- [Accessibility Guide for MyOpenMath](#)
- [StatKey Accessibility](#)
- [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

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

Bonus: Success Assignment

This term we are very fortunate to have Chantell as our peer mentor and lab assistant. You can earn 5 bonus points for engaging with Chantell during the term. She will be announcing different opportunities and you can also reach out using her contact information above. She has experience navigating Stat 243 and campus resources herself, as well as training and experience in helping students.

Student Info Assignment and Discussion Posts

There will be a student information assignment in the Course Info Module. There are 3 required discussions during the term. The first will be your introduction to the class with at least 2 replies to students' original posts. The other two are private instructor check-ins. The D2L group feature will be used to put each student in their own group. This allows it to be a private discussion area between each student and me. Please answer the questions provided in the discussion assignment and let me know if you have any concerns. I look forward to reading your introduction and learning how you are doing.

Video Lectures and Notes

Each module has blank and completed lecture notes that accompany the YouTube video lectures. Start each module by watching the videos. With video lectures you can pause, rewind, speed up or slow down the material. Many people like to highlight and use multiple colors. To maximize your retention, fill in your notes pages and do the activities along with the videos. These will be your guide for doing the homework, labs and quizzes. Take notes in a way that is most useful for you. These are for your use and won't be turned in.

Labs in Desmos Classroom and Discussion Area

After watching the videos and taking notes, you'll get more practice with the labs in Desmos Classroom. Access these using the link on the home page of our course (or links in the navigation bar). These lab problems are interactive with sliders, matching problems, graphing, etc. We will be using a lot of real data. You can decide whether to do the lab first, along with the MyOpenMath or which order works best for you. The Desmos labs are automatically graded and I will enter the score from the last slide into the D2L gradebook. Some slides allow you to share your answers with other students and see their answers to provide interaction as in an in-person class. Your answers don't need to be perfect. If you don't see any answers you may be the first one so come back and check again. There is also an optional D2L discussion area to post questions and discuss the topics. Please use that if you get stuck. Posting a screenshot of where you are stuck is very helpful.

MyOpenMath Online Homework and Forums



For each module 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 Module 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.

Module Quizzes in MyOpenMath

The last element is a Module Quiz to show your understanding and get detailed feedback from me. You can choose when to start your quiz and you will have 1 hour 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 1 hour before the deadline because the quiz will close at the deadline regardless of the time it was started.

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 the videos. 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 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

Unlike the quizzes, the exams will be closed book and closed notes. This progression is meant to help you get confident with the material for the exams. I will provide some formulas for each test, see the midterm and final information pages in the modules for more details.

Proctored exams are one of the many assessment tools used in Math and Stats courses to assess student learning. For online sections, exams are primarily proctored virtually by the instructor in Zoom. Please see our exam days and times on the course calendar and make a concerted effort to attend these times.

There will be 2 exams for this class taken on Zoom using the MyOpenMath system. You will have the use of all the online applets used in the course during the tests. A formula sheet will be provided for the final. Completing all the coursework throughout the term is the best way to prepare for an exam. Then you can study by reviewing your lecture notes, write-up feedback and doing the exam reviews and MyOpenMath bonus review problems.

Please read the [Student Guide to Virtually Proctored Exams in Zoom](#) document in its entirety (or watch my video version) to make an informed decision about whether to have your exams proctored virtually or in-person. One of your first assignments in this class will be to communicate your proctored exam plan with me.

If you do not meet the requirements for virtually proctored exams, prefer to take your exams in-person, and/or have an unavoidable scheduling conflict, you will be scheduling your exams through the [PCC Testing Center](#). They offer both in person and virtual proctoring. Scheduling appointments with a testing center and communicating with the instructor is the responsibility of the student, as well as paying any associated fees with using a non-PCC testing center. You will be letting me know how you plan to take your exams in a survey in this Course Info Module.

If you have accommodations through [Accessible Ed & Disability Resources at PCC](#), please send them to me through the AIM system. Please also email me to set up a meeting so we can discuss your specific accommodations and how I can best support you. If you have testing accommodations you will schedule your proctored exams using the AIM system.

If you have any questions or concerns about virtually proctored exams, please feel free to contact me.

Virtual Proctoring Agreement

By participating in a virtually proctored exam, you are agreeing:

- To have your workspace viewed by your instructor/proctor(s) during the exam.
- To have your computer activity monitored by your instructor/proctor(s) during the exam.
- That you meet the technology/environment requirements for a virtually proctored exam.

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. This does not mean I will always accept late work. 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 ask for 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 6 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.
- **Labs and Discussions:** You may request an extension on labs and discussions. It is best to email your instructor before the due date to ask for an extension, but if that is not possible, contact me as soon as you can.
- **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 go to any proctoring location. Contact me right away if you are sick or have an emergency that prevents you from attending a test.
- **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 quizzes in the first half must be completed by the midterm time, and all quizzes 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, labs, quizzes and exam results. I will write detailed feedback on your 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:

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
Intro Discussion	1	10	10
Private Check-in Discussions	2	5	10
Labs in Desmos Classroom	8.5	10	85
MyOpenMath Homework	21	varies	100
Module Quizzes	7.5	10	75
Midterm	1	100	100
Final Exam	1	120	120
Total			505

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	452 - 505+	90 - 100%
B	402 - 451	80 - 89%
C	351 - 401	70 - 79%
D	301 - 350	60 - 69%
F	≤ 300	below 60%

PCC Policies and Deadlines

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.

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 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)

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:

- [Desmos Privacy Policy](#)
- [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:

- **Wednesdays:** Begin module content
- Watch lecture videos and take notes
- Schedule instructor or mentor time, and/or attend tutoring as needed, post questions in MyOpenMath forums and D2L discussions and/or email instructor.
- **The next Monday by 11:59 pm (Or Tuesday if Monday is a holiday)**
 - Lab due in Desmos, questions and discussion encouraged in D2L
 - MyOpenMath online homework due, questions and discussion encouraged in MyOpenMath forums
- **The next Wednesday by 11:59 pm**
 - Module Quiz due, using MyOpenMath with any written work uploaded in D2L



Exams: There will be two exams proctored on Zoom with me and I have a morning and evening option for both. If you prefer, you can choose to take them in person at any of the PCC Testing Centers. The testing center also has virtual [make-up times](#) if needed.

- **Midterm Exam:** Thursday, Oct 24, 6-7:50 pm OR Friday, Oct 25, 10-11:50 am
- **Final Exam:** Tuesday, Dec 10, 6-7:50 pm OR Wednesday, Dec 11, 10-11:50 am

Note: Subsection numbers correspond to the free online book. The subsections in the online book are one higher than the paperback book. For example, 5.1.2 in the online book corresponds to 5.1.1 in the paperback book. Section numbers such as 4.1 are the same in both books.

Course Calendar by Week

Week	Content	Assignments
Course Information Module 0 Sep 23 - 25 at 11:59 pm	Watch Introduction videos Read Course Info, Syllabus and Calendar Print or buy fill-in notes pages Watch or Read Virtual Proctoring information	<ul style="list-style-type: none"> • Fill out Proctored Exams Plan Google Form • Create a MyOpenMath account and complete the orientation assignment • Upload Student Info Assignment • Intro Discussion Post • You may be dropped from the class if you don't complete these 4 things and I can't reach you by Wednesday at 11:59 pm.
Module 1 Sep 25 - Oct 2	Intro to Statistics and Inference (5.3.2, 1.2) Data Collection (1.3-1.5, 1.1)	<ul style="list-style-type: none"> • Module 1 Lab • MyOpenMath Homework • Module 1 Quiz
Module 2 Oct 2 - 9	Examining Numerical Data (2.1.3-2.2.7, except 2.2.3, 2.2.4, and 2.2.6) Standard Deviation, Z-scores and Side-by-Side Boxplots (2.2.3, 2.2.4, and 2.2.9)	<ul style="list-style-type: none"> • Module 2 Lab • MyOpenMath Homework • Module 2 Quiz
Module 3 Oct 9 - 16	Categorical Variables, Contingency Tables and Independence (2.3 and 3.2) Simulating Sampling Distributions of a Mean (4.2.2 up to Example 4.2.6)	<ul style="list-style-type: none"> • Module 3 Lab • Private check-in with Instructor Discussion Post • MyOpenMath Homework • Module 3 Quiz

Week	Content	Assignments
Module 4 Oct 16 - 23	Statistical Inference and Simulating Sampling Distributions of a Proportion (5.1.2-5.1.3, 5.1.5, skip 5.1.4 for now) Understanding and Interpreting Confidence Intervals, ME, SE using Simulation for means and proportions (5.2.2-5.2.3, 5.2.5-5.2.6) Practice for the Midterm	<ul style="list-style-type: none"> • Module 4 Lab • MyOpenMath Homework • No Quiz this week, material will be assessed on the Midterm • MyOpenMath bonus midterm review problems
Midterm Th/Fri Oct 24 - 25 Module 5 (half content) Oct 25 - 30	Midterm Exam (see times above) Constructing Bootstrap Confidence Intervals for Means and Proportions using SE and Percentiles (Supplement - IMS Chap 12)	<ul style="list-style-type: none"> • Take the Midterm on Modules 1-4 • Module 5 Lab (half lab) • MyOpenMath Homework (due wed with quiz) • Module 5 Quiz (half quiz)
Module 6 Oct 30 - Nov 6	Hypothesis Tests with Randomization Distributions, 1 Mean and 1 Proportion (5.3.1-5.3.5) Hypothesis Tests with Randomization Distributions, 2 Means and 2 Proportions	<ul style="list-style-type: none"> • Module 6 Lab • MyOpenMath Homework • Module 6 Quiz
Module 7 Nov 6 - 13	Additional Practice and Considerations in Hypothesis Testing - Decision Error, P-Values, Practical Significance (5.3.7, 5.4) The Normal Model (4.1)	<ul style="list-style-type: none"> • Module 7 Lab • MyOpenMath Homework • Module 7 Quiz
Module 8 Nov 13 - 20	Central Limit Theorem for Means and Proportions (4.2, 4.5) Confidence Intervals for Proportions Using the Normal Distribution (5.1-5.2, 6.1)	<ul style="list-style-type: none"> • Module 8 Lab • Private check-in with Instructor Discussion Post • MyOpenMath Homework • Module 8 Quiz
Module 9 Nov 20 - 27	Hypothesis Testing for Proportions Using the Normal Distribution (5.3-5.4, 6.1) Scatterplots, residuals, and correlation (1.2.4, 8.1, 8.2)	<ul style="list-style-type: none"> • Module 9 Lab • MyOpenMath Homework • Quiz 9
Module 10 Nov 27 - Dec 9	Final Review and Practice Nov 28 - Dec 1 Thanksgiving Holiday	<ul style="list-style-type: none"> • MyOpenMath Bonus Review Problems
Module 11 Final Tues/Wed Dec 10-11	Final Exam (see times above)	<ul style="list-style-type: none"> • Take the Final Exam on Modules 1-9 with more emphasis on 5-9 • Complete your course evaluation in MyPCC, My Courses Tab

If you have any questions, please ask me!