

Course Information Page

Overview:

This course provides an introduction to Statistics. While we do study some of the technical aspects (like estimating means and other statistical measures of interest) the focus in this course is on learning what these numbers tell us, as well as what they don't. For a detailed description of the topics we cover, please see the [Schedule of Lectures and Exams](#) (currently under construction).

The textbook for the course is *OpenIntro Statistics* (the latest edition), which you can [download for free](#) (<https://www.openintro.org/book/os/>). You can also choose to pay a few dollars (the suggested payment is \$15) which is not a horrible idea, considering how much work the authors have put into this book.

General Organization:

Lectures, discussion sections, etc.

- Lectures are MWF, 1:00 - 3:30 pm in the Jack Baskin Lecture Hall
- We will be missing two Mondays — 6/20 (Juneteenth) and 7/4 (Independence day),
- Attendance is not mandatory, and the lectures will all be recorded and posted to Canvas afterwards, but . . .
- . . . if you want to learn, then you should plan on attending all the lectures.
- It is not clear yet if we will have a TA with discussion sections yet.

Canvas Discussion boards:

1. There is the [General Course Q&A \(https://canvas.ucsc.edu/courses/55955/discussion_topics/384260\)](https://canvas.ucsc.edu/courses/55955/discussion_topics/384260) discussion for general questions about the administration of the course (not math questions).
2. There is the [Ask the Instructor\(s\) \(https://canvas.ucsc.edu/courses/55955/discussion_topics/387954\)](https://canvas.ucsc.edu/courses/55955/discussion_topics/387954) discussion for questions about the material. You can think of this discussion as a kinda-sorta office hours.
3. There are 5 Weekly Discussion boards (one for each week of the session) for discussing that week's material *amongst yourselves*. You can think of these discussions as always-on study groups.
 - You can post questions/comments about the homework or the lectures.
 - You can answer other students' questions.
 - You may **not** post questions, comments (or answers) about **open quizzes or exams**. 🤖
 - Once a quiz or exam is closed, go for it. 👍
 - I will monitor the weekly discussions and contribute as necessary, but they are meant primarily for you (the students) to help each other master the material. If you want to ask me questions specifically, then please use either the [General Course Q&A \(https://canvas.ucsc.edu/courses/55955/discussion_topics/384260\)](https://canvas.ucsc.edu/courses/55955/discussion_topics/384260).

discussion (for administrative questions) or the [Ask the Instructors](#)

(https://canvas.ucsc.edu/courses/55955/discussion_topics/387357) discussion (for questions about the material).

- You can earn up to 5 points of extra credit for **constructive** contributions to the weekly discussion boards.



- The EC points for Discussion Board participation accumulate *slowly* throughout the session. **Constructive** contributions will usually earn you 0.5 to 1 point. In other words, to earn these EC points you should plan on contributing constructively and consistently throughout the session.
- What counts as "constructive" is up to me. 😊

Homework and reading:

Reading and homework assignments are listed in the schedule of lectures.

- ***The lectures are prepared with the assumption that you have done the required reading (at least once) before the lecture.*** If you don't, you may feel somewhat lost in the lecture.
- You should do the assigned reading for each lecture before the lecture, and then again afterwards.
 - The first time through, your objective is to get a sense of what we will be discussing in class.
 - The second (third, fourth, etc.) time through, you should read the material in more depth.
- You should work on the homework for the assigned lecture after the lecture, with your second (third, fourth, etc.) reading.
- ***Homework is not collected or graded***, but the more you do, and the more seriously you do it, the better you will master the material (which will likely have a positive effect on your quiz and exam scores).
- Questions and answers about homework problems are an excellent source of (constructive) contributions to the weekly discussion boards.
- Solutions to many of the homework problems are collected in an appendix of the book.

Quizzes:

- There will be two quizzes (on Canvas) on weeks 2 – 5, and one quiz on week 1.
 - So, 9 quizzes total.
- Each quiz is worth 4 points.
 - So, 36 possible points, total.
- The quizzes are all multiple choice (or similar, e.g., true/false).
- Quizzes are all open book and open notes (and open Canvas).
- The quizzes open on Mondays and Wednesdays in the evening, and are open until the following day at 11:59 pm.
 - Once you start a quiz, you will have one hour to complete it.
 - You have two tries for each quiz, and your higher score is recorded.
 - There are ***no make-up quizzes*** (or extensions). **For any reason. . . *Ever*.**

Exams:

- There are five exams, one per week, also on Canvas.
 - Each exam is worth 20 points.
 - The exams open on Friday afternoon and are open until Saturday at 11:59 pm, with no time limit (except for the Saturday deadline).
 - The exams will be a mix of multiple choice and free response questions.
 - Answers to the free response questions can be typed into the available text-boxes or you can **upload images/pdfs** (<https://canvas.ucsc.edu/courses/55955/pages/for-exams-uploading-an-image-of-your-work-to-an-exam-text-box>) of your work.
 - In any case, your work should be written in complete sentences and **legible**.
 - ***If we can't read/understand your work, you won't get credit for it.*** 😊
 - Exams are also open book and open notes.
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Your Grade.

Your overall grade in the class is calculated as follows:

- The quizzes contribute as many as 30 points to your final score:
 - **Quiz contribution** = the sum of the quiz points you earned, or 30, whichever is smaller.
 - This means that you don't have to ace all the quizzes to earn full-quiz-credit.
 - You can even miss one without hurting your score, in theory. I don't recommend this approach.
- The exams contribute as many as 70 points to your total score:
 - **Exam contribution** = (sum of two highest scores) + (half the sum of your lowest three scores).

Letter grades are assigned according to the ranges:

98 - 100	A+
93 - 97	A
90 - 92	A-
87 - 89	B+
83 - 86	B
80 - 82	B-
77 - 79	C+
68 - 76	C
60 - 67	C-
50 - 59	D
0 - 49	F

Don't forget: You can earn up to 5 Extra Credit points for your contributions to the weekly discussion boards



- The EC points are tacked on at the end, after the quiz and exam contributions have been calculated.
- Five points can be the difference between passing and failing, between a C and a B or between a B and an A.

Important:

▶▶ ***Canvas does not calculate your overall score in the class according to the rubric described above.***

- So, ***ignore*** the total score reported by the Canvas grade book.
- ▶▶ If you are taking the class P/NP, you need C or better to pass (C- is not passing).

Academic integrity

The Canvas quizzes and exams in this class ***are not proctored***, but we expect the highest level of ***academic integrity*** from all students in the class.

Academic integrity is a core principle of the UCSC community, and we expect all of our students to hold themselves to the highest standard. To quote from the **UCSC academic integrity page** (<https://registrar.ucsc.edu/navigator/section1/academic-integrity.html>):

Academic integrity is the cornerstone of a university education. Academic dishonesty diminishes the university as an institution and all members of the university community. It tarnishes the value of a UCSC degree.

All members of the UCSC community have an explicit responsibility to foster an environment of trust, honesty, fairness, respect, and responsibility. All members of the university community are expected to present as their original work only that which is truly their own. All members of the community are expected to report observed instances of cheating, plagiarism, and other forms of academic dishonesty in order to ensure that the integrity of scholarship is valued and preserved at UCSC.

With this in mind, the following rules are in effect for all Canvas exams and quizzes in this course:

1. You should ***work alone*** on all exams and quizzes. Collaboration on tests with other students in the class, or outside help, are ***forbidden***.
2. You ***may use*** the following resources during the Canvas quizzes and exams:
 - Your notes.
 - 📄 ***Take advantage of this: as part of your preparation for each exam, write specific notes to use during that exam.***

- *The course textbook.*
 - *Course material on Canvas.*
 - *Pen or pencil, paper and a scientific calculator.*
3. *Anything not on the list above is **forbidden**.*

Consequences for breaking these rules:

- *In all cases, students who break one or more of these rules will. . .*
 - *. . . receive a score of 0 on the (entire) quiz/exam in question, and*
 - *. . . receive a score of 0 on all quizzes and exams that preceded the quiz/exam in question, and*
 - *. . . be reported to their college provost for further disciplinary action (which may range from a warning to suspension and even expulsion).*
- *In some cases (depending on the severity of the infraction), students who break these rules will receive an automatic failing grade in the class.*
- *For more information, please visit the UCSC page on [Academic Dishonesty](https://ue.ucsc.edu/academic-misconduct.html) (<https://ue.ucsc.edu/academic-misconduct.html>).*

"But I don't think that I can pass this class without breaking the rules..."

You can, and we are here to help.

I know from years of experience that every student in this class can succeed with enough effort and some help. How much effort you put in to this course is up to you. Generally speaking, the more the better. The recommendation at UCSC for a 5 week summer session course is 30 hours a week, including lectures, sections and your own study time). In any case, the TAs and I are here to help you succeed. We can help you with the material and we can suggest learning strategies.

Also, please remember that ***all students are graded the same***, as described in the rubric above. We don't adjust grades based on what you want or need. If you need a specific minimum grade in order to declare in your major, or to maintain your GPA at a certain level to keep a scholarship, then you need to ***earn that grade***, and we are here to help you do that.

But the first step has to be yours. If you are feeling lost, stressed out, or worried about your grade, then please ask us for help. And don't wait — the deeper we get into the quarter, the fewer opportunities there are to improve your standing in the class. If you feel uncomfortable (or shy) about approaching us, then perhaps you can find a like-minded student in the class, and approach us together.

Support for students with disabilities:

UC Santa Cruz is committed to creating an academic environment that supports its diverse student body. If you are a student with a disability who requires accommodations to achieve equal access in this course, please submit your Accommodation Authorization Letter from the Disability Resource Center (DRC) to me by email, preferably within the first two weeks of the quarter. At this time, I would also like us to discuss ways we can

ensure your full participation in the course. I encourage all students who may benefit from learning more about DRC services to contact DRC by phone at [831-459-2089](tel:831-459-2089) or by email at [drc@ucsc.edu \(mailto:drc@ucsc.edu\)](mailto:drc@ucsc.edu).

Support for students with other difficulties:

While we sincerely hope that you will be able to pursue your studies peacefully and worry-free, we are aware that in some cases difficulties happen that are beyond your control. If that happens, here are several campus resources that you may want to consider contacting:

- UC Care: <https://care.ucsc.edu/who-we-are/about-care.html> [_\(https://care.ucsc.edu/who-we-are/about-care.html\)](https://care.ucsc.edu/who-we-are/about-care.html)

which is a confidential space to discuss issues of dating violence, sexual assault and stalking.

- Slug Support: <https://deanofstudents.ucsc.edu/slug-support/program> [_\(https://deanofstudents.ucsc.edu/slug-support/program\)](https://deanofstudents.ucsc.edu/slug-support/program)

where you can ask for help on many practical issues, including dealing with a financial crisis, problems with your living situation, computers, books, etc.

- CAPS: <https://caps.ucsc.edu> [_\(https://caps.ucsc.edu/\)](https://caps.ucsc.edu/)

which provides counseling and psychological services to students

Title IX reporting disclosure:

Title IX prohibits gender discrimination, including sexual harassment, domestic and dating violence, sexual assault, and stalking. If you have experienced sexual harassment or sexual violence, you can receive confidential support and advocacy at the Campus Advocacy Resources & Education (CARE) Office by calling (831) 502-2273. In addition, Counseling & Psychological Services (CAPS) can provide confidential, counseling support, (831) 459-2628. You can also report gender discrimination directly to the University's Title IX Office, (831) 459-2462. Reports to law enforcement can be made to UCPD, (831) 459-2231 ext. 1. For emergencies call 911.

Faculty and Teaching Assistants are **mandated reporters**: we are required under the [UC Policy on Sexual Violence and Sexual Harassment \(https://policy.ucop.edu/doc/4000385/SVSH\)](https://policy.ucop.edu/doc/4000385/SVSH) to inform the Title IX Office should we become aware that a student has experienced sexual violence or sexual harassment.