

Syllabus - Graded Items and Grades

Graded Items

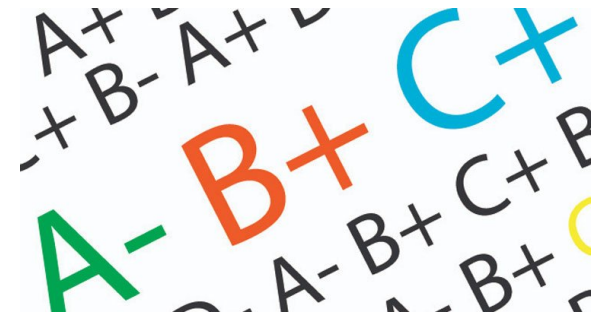
Assignments

Assignments will consist of multiple items: readings/readiness quizzes, activity completion, code quizzes, homeworks and Instructor Discretion. It will count for 40% of your grade.

Reading/Readiness Quizzes: Every week reading from the textbook will be assigned. You are responsible for reading the sections *before* the day that we work on them. You can also watch the prescribed videos from the textbook and are, in fact, encouraged to watch the videos first and resort to the text if you are still unclear on the concepts. There will be quizzes on the reading due on **Sunday and Tuesday nights @ midnight**. The readiness quizzes (in the form of Canvas quizzes) will be assigned to check that you have done the reading. It is important that you do the reading prior to working on the handout with your group in order to make the most of your time. If you look at the [Course Schedule](https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule) (<https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule>), you will notice that there are around 4 quizzes, on average, per week. Again, due @ midnight on each Sunday and Tuesday unless otherwise stated on the course schedule or the daily announcement.

Activity/Handout Completion: By 8 am on Monday of each week I will post the Handouts needed for that week. I will also post Intro videos to the Handouts. It will be your responsibility to watch these videos before we work on the handouts in class. Then working with your group members, you will complete the assigned questions and upload your handouts on Canvas. Afterwards, towards the end of class time, I will wrap up our session with a small chat (or post a Wrap-up video if we are short on time). Every Friday night @ midnight you will have to submit all of the handouts that you worked on for the week. This could be anywhere from 2-4 handouts (depending on the length of each handout). So, in Week 5 for example, on Monday I will post Handouts 11, 12, and 13 (Handout 12 has 2 parts/sessions that will cover two days). All of these handouts will be due Friday night of Week 5 @ midnight. You shouldn't wait to submit them all on Friday (as this may cause you to procrastinate starting them late). Instead you should upload each session/part as we move through them throughout the week. Once you upload your handouts you are encouraged to watch the associated Wrap-up videos for the questions you worked on. So, for example, in Week 5 you will complete Handout 11 first. Be sure to upload it after the first day and watch the Wrap-up video before you start working on Handout 12 the next day. Then on the last day of the week submit all of your uploads.

You are responsible for accessing these activities in Canvas and completing them on your own time during the day. You will be asked to complete the assigned questions and upload a PDF file of your answers to Canvas. **Each handout session/part should only be taking you 1 hour to complete.** Don't spend multiple hours on one handout session. These should be treated like in-class activities. (There will be a maximum of 4 sessions/parts per week as there are at most 4 days in our class schedule per week.) You will be graded on the **completion** of these questions. Because they are based on completion, they cannot be made up or excused for any reason. These activity/handout completions will count towards your overall Assignments grade. Late submissions will not be accepted unless you notify me beforehand. At the end of each week, a solution set to the week's handouts will be posted for



your convenience. See the [Course Schedule \(https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule\)](https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule) for the handouts covered each week and when they are due.

Code Quizzes: Computing plays an important role in the study and practice of statistics. We will primarily use the software package **R** through the use of Shiny Apps (note that you do not need to know R, or anything about programming, from the outset!). There will be periodic Canvas quizzes with a handful of questions regarding the Shiny Apps that you are working on throughout each week. Some weeks will utilize the Shiny Apps more than others. Since there are only a few apps throughout the quarter all of them will be counted towards your grade and cannot be made up or excused for any reason. The [Course Schedule \(https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule\)](https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule) has the due dates for the R Shiny App Code Quizzes listed. However, the time on the day that it is due will not be the same for everyone since heavy traffic on the quizzes can cause them to malfunction. You will be notified about what the time is that the quiz will be due for you.

Homeworks: These will be cumulative, covering the week's activities and concepts from previous weeks. The intention of homework is to help you learn the material through reflection and practice, and thus it would be best to work on them a little each day. Each homework will be completed on Canvas and will be graded on clarity and correctness of answers, completeness, and neatness/presentation. You will have 3 attempts for each homework (where Canvas records your highest scoring attempt) and are strongly encouraged to work with group members. There will be about one a week with the due dates typically on Wednesdays but specified in detail in the [Course Schedule \(https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule\)](https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule).

There are a couple of things to be weary about with the homeworks:

- 1- Be sure to open up the homework (and quizzes for that matter) in Chrome in order to see all the images. Safari has issues with images.
- 2- Make sure that on every essay question, you enter your answer in EVERY attempt. This will make it easier for the grader to grade without having to sort through all of your attempts to find which one contains your answer to the question.
- 3- Some have expressed some difficulty in uploading images in the past. To avoid this you need to save the image to your computer as either a **JPEG** or a **PDF**. It cannot be a link to something or of a different format.

There will be NO make-up readiness quizzes, code quizzes, activities, or homeworks, however

I understand that you may miss a readiness quiz or homework due to unforeseen circumstances. Therefore, I will drop your lowest readiness quiz grade AND homework grade at the end of the quarter.

Instructor Discretion: This portion of your grade is primarily composed of attendance and participation. In a collaborative learning environment, **attendance is critical**. Missing class does not only affect you, it also affects your classmates. Students are expected to attend class regularly, arrive on time, be courteous, and participate in class and group discussions. If you miss class, you are responsible for material covered and announcements made during class. Participating in class will typically entail responding to my and other students' questions, contributing to group and class discussions, and

working on activities. Students are strongly encouraged to ask questions during class. This includes questions that arise from your reading, because I will not attempt to present all of the material that you read about. Rest assured that if you ask a question, the answer will probably benefit many students in addition to yourself.

Be courteous during class. Arrive on time. Pay attention. Put your phones and mobile devices away and keep them silent. Do not talk while others are talking. Do not pack up or leave class early.

This class grade is completely at my discretion. Everyone will start with a discretionary score of 50%, which moves up or down depending on the several factors listed above. For instance, you will increase your discretionary grade by: attending class daily; showing up on time for class; coming prepared for class, including having the handouts with you; participating in small group discussions and class discussions, asking good questions; and using office hours when you need them. You will decrease your discretionary grade by: having your phone out during class; sending or receiving messages on your computer; skipping class; showing up late; packing up early; coming to class unprepared, e.g. without handouts or a calculator; not participating in class; being disruptive in class, e.g. by having unrelated conversations with your classmates; and having your phone out during class. (Yup, I put the phone thing in there twice. Not an accident. Take the hint.) If you have 3 absences during the quarter, your Ins. Discretion grade will decrease by 30% (the max grade you can get is 70%). If you have 4 absences, your ID grade will decrease by 40% (the max grade you can get is 60%). If you have more than 4 absences, your ID grade will decrease by 70% (the max grade you can get is 30%).

Exams

There will be 2 exams throughout the quarter. Midterm 1 is worth 10% of your grade and midterm 2 is worth 15% of your grade. At this point in time, our tentative dates for the exam can be seen in the [Course Schedule \(https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule\)](https://canvas.calpoly.edu/courses/75124/pages/syllabus-course-schedule) as well as below. The time that these will be held has yet to be determined. If you feel like you will be unable to take the exams on the scheduled dates, please let me know as soon as possible. You will be asked to sign an honesty pledge (discussed later) on each exam.

Exam 1: **Wednesday, April 20, 2022** (subject to change)

Exam 2: **Monday, May 16, 2022** (subject to change)

Final Exam

There will be a comprehensive final worth 20% of your course grade. The date and time of this exam are tentatively scheduled for the day listed below. If you cannot complete the exam at this time you will need to contact me as soon as possible.

Final: Saturday, June 3 10:10 am – 1 pm PT (subject to change)

The remaining 5% of your grade will be added to the weight of your *exam* with the highest score (whether it is the first exam, the second exam or the final exam)

Project

You will also be required to complete a project that is worth 10% of your grade during the last week of class. The purpose of this project is for you to recognize and understand the usefulness of statistics in your respective field. You will be working with a partner on this project and will be required to present your findings to the class during the last week of classes using a PowerPoint presentation or something similar. More details will be provided later in Canvas.

Grading Information

The following is your grade breakdown and letter grade assignment. This is a range of grades and pluses and minuses are always possible. If, at the end of the quarter, the distribution of grades is not satisfactory for me, I will curve the course grades. I do not curve individual exam/quiz/homework grades. This curve is not guaranteed and should not be relied upon. (Note: This curve will not hurt anyone's grade.)

Grade Breakdown

Graded Items	Percentage of Final Grade
Assignments	40%
Project	10%
Midterm 1	10%
Midterm 2	15%
Comprehensive Final Exam	20%
Total	95% ***The remaining 5% will be added to the weight of your exam with the highest score.***

Grading Table

Final Grade	Percentage
A	90-100%
B	80-89.9%
C	74-79.9%
C-	70-73.9%
D (not passing)	60-69.9%
F (not passing)	0-59.9%

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