Course Information and Logistics

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1 Introduction Coverage

This is a 100% online course. This means that we will NOT hold scheduled meetings. You have the flexibility to choose your own learning pace, comfortable environment, and convenient times to complete the weekly materials and exams in a timely manner.

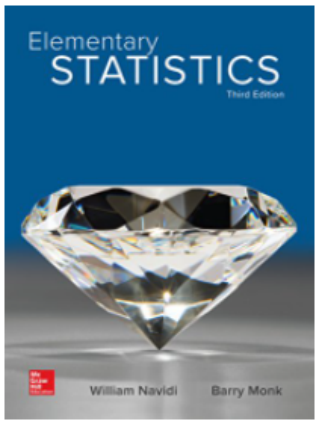
Please note that an online course usually requires more time than in-person classes. It also make it easier to procrastinate. It requires you to have good time-management skills, to be an active and responsible learner.

2 Policies, Resources, and Expectations

Course policies and expectations on exams and assignments are outlined in the syllabus that is also available online at: https://pengdsci.github.io/MAT121/w00/MAT121-Summer-2022.pdf

3 Textbook

Elementary Statistics, by Navidi and Monk, 3rd edition.



The textbook is optional for this class. I will provide self-contained lecture notes that cover all topics outlined in the course description in the catalog. The terminologies and definitions used in the lecture notes are essentially the same as those used in the textbook.

However, I don't discourage to buy the textbook that is required in other sections of the course. If you decide to buy the textbook, you have options to buy either a hard copy, eBook, or a hard copy with an access code to access the eBook.

If you plan to use the eBook, you need to buy the access code and then follow the instructions in the following document to register for the class:

https://pengdsci.github.io/MAT121/w00/ConnectMathRegistration.pdf

I have created the course with ConnectMath. The 10-character code for the class is: W3Y3K-HKGGM

4 Calculators and Technologies

We only use calculators occasionally to do simple calculations. Because of this, you should have a very basic scientific calculator that can do the four basic operations $(+, -, \times, \div)$ and square root $(\sqrt{x})$. A TI graphic calculator is not required.

I created a piece of software called **IntroStatsApps** for this class so you can use them to verify your work. I also use these apps to check the results of the examples used in lecture notes.

5 Weekly Exams and Final Exam

Since this is a five-week intensive summer class, to help me fairly assess your performance in the class, you will do weekly exams in addition to the final exam. All exams will be administered through D2L.

5.1 Weekly Exams

You can consider these weekly exams as weekly assignments. Here is the information about weekly exams.

- All problems will be multiple-choice questions.
- I will make weekly exams available on Fridays (at noon) and due at midnight Sunday. You have 2 and half days to complete each weekly exam.

- You can also use notes and the textbook during the exam. However, you must complete these weekly exams independently.
- Note that everyone will do the same set of problems, but the order of the problems will be randomized. This your problem #3 could be problem #14 in your classmates' exams.
- The order of the four choices in each multiple-choice question is also randomized. For example, for the same multiple-choice question (regardless of the problem number in your and your classmates' exams), your correct answer is `A`, your classmates' answer could be any of the choices including `A`.
- I will give you three attempts for each weekly exam. Note that when you attempt 2nd or 3rd time, you will rework all problems including those problems you did correctly and incorrectly. The highest score out of all attempts will be used as the score for the weekly exam.
- **A Piece of Advice:** Read lecture notes make sure you understand the concepts, rework the examples in notes (or the textbook), practice the exercises in lecture notes, and the standalone practice exercises before you start working on any exams.

5.2 Final Exam Information

- The final exam is comprehensive. It will be a 2-hour exam . You must complete your exam within 2 hours!
- All topics delivered in this five-week course will be covered in the final exam. The problems are similar to those in the weekly exams. The topics covered after weekly exam #4 will also be part of the final exams.
- There will be about 35 multiple choice questions in the final exam. I will make the final exam on D2L on Friday, July 1, and close the exam at 11:59 PM on July 3. There will be NO make-up final exam since you have a lot of flexibility to pick up a 2-hour time slot to complete the final exam.
- You can pick a 2-hour time slot to complete the final exam. For example, if you start your exam at 9:30 PM on Friday, you MUST submit your exam before 11:30 PM since the system will be automatically closed at 11:30 PM.
- You are also allowed to attempt the exam two times. The highest score out of the two attempts will be used as the final score.

6 Introduction to Course Web Page