

CLASS MODE: 100% asynchronous or 100% online.

Course structure: weekly materials are divided into modules. Each module follows the tentative course calendar on page#3. Canvas Module tab is where you will find everything for the course during each week. Each module will be available for accessing and viewing on Sunday at the beginning of each lecture week.

All the materials will be posted on Canvas Modules tab including pre-recorded video lectures, solutions to tough problems, website for additional study, quizzes, exams, and final. It is the student's responsibility to check Canvas daily once the quarter starts for latest updates from the instructor.

Instructor: Vinh Kha Nguyen

Office Hours: M 2-3pm on Canvas Zoom tab

Office hours are an opportunity for students to receive free tutoring from the instructor. This is your chance to ask questions you have from studying or doing homework, to discuss your grade or seek advices.

How to contact instructor: nguyenvinh@fhda.edu or Canvas Inbox the instructor (preferably)

Textbook: Inferential Statistics and Probability by Maurice A. Geraghty. Fee online copy at <http://nebula2.deanza.edu/~mo/holistic/HolisticStatisticsRev190325.pdf>

Required Materials: StatCrunch (\$15 for 6 months, it is much cheaper but useful than a calculator) <https://www.statcrunch.com/register/student>

Grade is composed of 6 homework, 4 discussions, 4 quizzes, 2 exams, and 1 final.

0-59% F	80-82% B-	90-92% A-
60-69% D	83-86% B	93-96% A
70-76% C	87-89% B+	97-100% A+
77-79% C+		

homework	discussions	quizzes	exams	final	total
60pts	40	100pts	120pts	120pts	440pts

Homework: practice problems to reinforce learning materials. *Late homework gets 0pts regardless of excuses.*

Student must submit hw on the Canvas Assignment tab or Canvas Module tab on the due date to get credit.

Discussions: each discussion topic is posted on Canvas Module during the week matching with the course calendar on page#3 of the syllabus. Each discussion topic help students to develop their critical thinking and writing skills. Students must reply to the discussion topic during the week it is available on Canvas Modules. *Late discussion reply gets 0pts.*

Quiz: each quiz date is posted on the course calendar. *Missed quiz gets 0pts regardless of excuses.*

Exam: each exam date is posted on the course calendar. *Missed exam gets 0pts regardless of excuses.*

Final: comprehensive! Will be given during final week. There is no make-up for final exam.

If you notice that I made an error on the grading, you are responsible to inform me within a week of the date of the exam/quiz. Otherwise, your score on the exam/quiz will be unchangeable.

Time Commitment: As stated in the course catalog, students are expected to spend at least two hours studying, reviewing in class problems, and doing homework outside of class for each hour in class.

Makeup Policy: No makeup quizzes or exams are available. However,

Only one missed quiz due to an excused absence or emergency will be covered by the next quiz (doubling points).

Only one missed exam due to an excused absence or emergency will be covered by the final exam (converted to a percentage).

Student must notify the instructor in advance of a missed quiz or a missed exam to use the makeup policy.

Quiz, exam, and final procedure:

- Each student must place all electronic stuffs inside backpack and place it in front of the whiteboard.
- Only take what is needed for the exam to the desk such as pencil and eraser.
- If a student is caught cheating during an exam, that student gets an F in the course. Bye bye! Sayonara!
- If a student's smartphone rings during an exam, that student's exam will be taken away and will be graded as it is.
- There is no time extension for students who arrive late.

Grade improvement: Math is challenging, and the only way to build confidence is through practice and more practice. Other strategies: take good note during lecture, form study group, do hw sooner than later, seek help when need help, understanding rather than memorizing, prioritize tasks, do not multi-tasking while studying, etc.

Campus tutoring, additional assistance, and Internet resources:

- On campus tutoring in S43: <https://www.deanza.edu/studentsuccess/mstrc/>
M-Th 8:30am-6pm, F 8:30am-12:30pm
- Online tutoring: <https://www.deanza.edu/studentsuccess/onlinetutoring/>
- Student's services: <https://www.deanza.edu/services/>
Disability Support Service, EOPS, Veterans, CalWORK, Foster Youth, Food Pantry, Health Service, etc.
- The Internet: Youtube lecture video, Khan Academy, Paul's note, Wolfram Alpha, Microsoft Math Solver, Desmos, GeoGebra, etc.

Students' responsibility:

- Students are expected to behave as educated adults, be accountable for any of your actions.
- Since the pace of the class may be quite fast at time, you are expected to seek help as soon as you realize that you are falling behind. Visit campus tutoring center, form study groups, and visit instructor office hours when possible. Instructor is always available for help or advice.
- *What? Is there a time commitment for this class?* YES, students are expected to spend at least two hours studying, reviewing, and doing homework outside of class for each hour in this class.
- Take good note by yourself or from another classmate. A detailed lecture note is one of the best resources to do homework and to prepare for exams and final.

Attendance: Students are expected to attend all class meetings, arrive on time, take note, and stay for the entire class. The instructor reserves the right to drop/withdraw students who are absent more than five lectures during the quarter. However, **a student who discontinues coming to class and does not drop the course will get an F.** It is the student's responsibility to drop the course.

Withdrawal/Drop Policy: It is the ultimate responsibility of the student to formally drop the class. Do not rely on the instructor to drop.

Disruptive Student: A student who is disruptive will be asked to leave the class. A student who refuses to leave the room will be dropped from the class and will be reported for further action.

Smartphone Use: All smartphones must be on silent mode and put away during lecture. We do not learn how to text or searching the Web in this class, so there is no reason to have smartphones out during class unless the instructor allows so to access Wolfram Alpha or GeoGebra during group work.

Academic Dishonesty: Students who submit the work of others as their own or cheat on exams or other assignments will receive a failing grade F in the course and will be reported to college authorities.

Expected Student Conduct: A student who is disruptive will be asked to leave the class. A student who refuses to leave the room will be dropped from the class and will be reported for further action. During the quarter, if you have any questions about the course policies, you will be first referred to this syllabus. Please make sure you keep a copy. You can find Foothill-De Anza College Code of Conduct at <https://www.deanza.edu/student-development/conduct.html>

Accommodation: Students who need additional accommodations, due to learning disability or some other reason, please contact the instructor during the first two weeks of class to discuss your options. Disability Support Services determines accommodations based on appropriate documentation of disabilities. DSS is located in Student Community Services building room 141, and their phone number is (408) 864-8753.

Tentative schedule

Week1 09/21-9/27: Ch1 and Ch2, **Quiz on Syllabus and Canvas, Discussion#1 due**

Week2 09/28-10/04: Ch3, **Discussion#2 due**

Week3 10/05-10/11: Ch4, **Quiz#1 on Monday 10/05, Hw#1 due on Monday 10/05**

Week4 10/12-10/18: Ch5,

Week5 10/19-10/25: **Exam#1 on Friday 10/23, Hw#2 due on Friday 10/23**

Week6 10/26-11/01: Ch6, **Discussion#3 due**

Week7 11/02-11/08: Ch7, **Quiz#2 on Monday 11/02, Hw#3 due on Monday 11/02**

Week8 11/09-11/15: **Exam#2 on Friday 11/13, Hw#4 due on Friday 11/13**

Week9 11/16-11/22: Ch8

Week10 11/23-11/29: Ch9, **Quiz#3 on Monday 11/23, Hw#5 due on Monday 11/23**

Week11 11/30-12/06: Ch10, **Discussion#4 due**

Week12 12/07-12/11: **FINAL EXAM on Friday 12/11, Hw#6 due on Friday 12/11**

Important dates

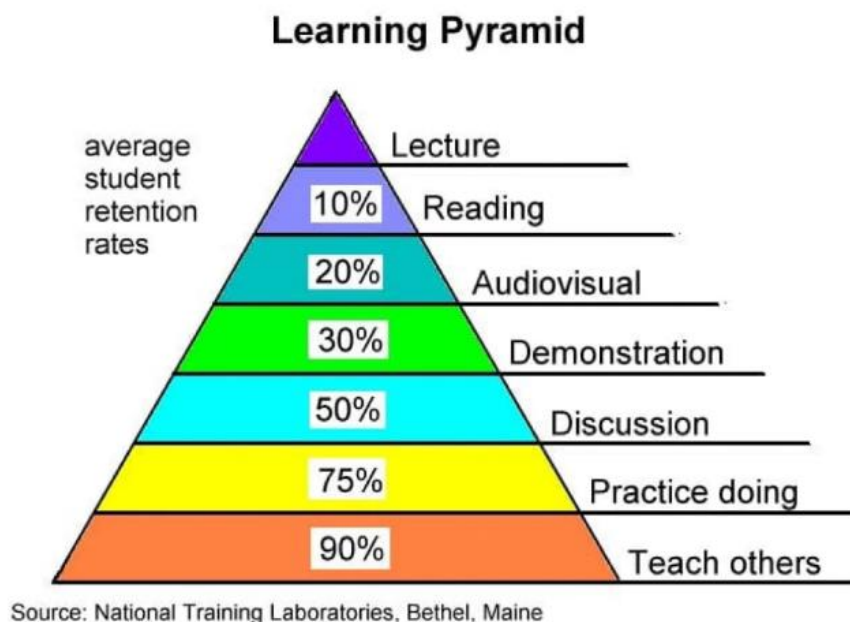
10/03 Last day to add

10/04 Last day to drop

10/05 CENSUS

11/13 Last day to drop a class with W

12/07 – 12/11 Final Exam week



STATISTICS Homework

- Homework is graded on completeness and neatness, see tentative calendar for due date.
- Why should students care about showing work and getting the correct answers?
 - **Practice makes confidence**
 - **Help to do similar problems much faster on exam**
- Students are responsible to do all homework and submit the work on time,
 - Hw without **Last Name, First Name format** is -1pt
 - Hw without clear sections labeling & problems listing is -1pt
 - Hw without show work will be -1pt for each section (Do NOT write only the answer)
 - Late hw gets a solid 0pt, so do not submit late hw.

Each homework worksheet will be posted on Canvas Module along with the short answers. Students must work out each question and provide answer in full detail to get credits.

Q: How to submit hw?

A: Scan and upload everything in .pdf file. You can use a smartphone to scan your hw problems or convert pictures of your hw problems into .pdf format. Then upload the .pdf file to the Assignment Tab or appropriate Module Tab on Canvas by or before the due date.

Hw#1

Ch1 do all problem on Ch1 hw worksheet

Ch2 do all problem on Ch2 hw worksheet

Ch3 do all problem on Ch3 hw worksheet

Hw#2

Ch4 do all problem on Ch4 hw worksheet

Ch5 do all problem on Ch5 hw worksheet

Hw#3

Ch6 do all problem on Ch6 hw worksheet

Hw#4

Ch7 do all problem on Ch7 hw worksheet

Hw#5

Ch8 do all problem on Ch8 hw worksheet

Hw#6

Ch9 do all problem on Ch9 hw worksheet

Ch10 do all problem on Ch10 hw worksheet

Student Learning Outcome(s):

*Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.

*Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory.

*Collect data, interpret, compose and defend conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.