Math 10-18 Introductory Statistics De Anza College Winter 2024

CLASS MODE: 100% in person
In person time and location: M,W 1:30-3:45pm in S-57

Instructor: Vinh Kha Nguyen
How to contact instructor: nguyenvinh@fhda.edu or Canvas Inbox the instructor (preferably)
Office hours: M,T,W,Th 12:30-1:00pm in S-55
M,T,W,Th 9:55-10:25am on Zoom (see Canvas course for zoom link)

Textbook: Introductory Statistics by Barbara Illowsky and Susan Dean on Openstax (free)
https://openstax.org/details/books/introductory-statistics

Required software: StatCrunch program ($14.99 for 6 months)
https://www.statcrunch.com/register/student

Grade is composed of homework, quizzes, discussions, exams, and final.

0-59.99% F	70-76.99% C	80-82.99% B-	90-92.99% A-
60-69.99% D	77-79.99% C+	83-86.99% B	93-100% A
		87-89.99% B+	

homework	quizzes	discussions	projects	exams	final	total
90pts	100pts	30pts	60pts	120pts	100pts	500pts

Homework: each chapter hw and due date are posted on the course Canvas Grade tab. *Late homework gets 0pts regardless of excuses.* ***Student must submit hw on Canvas using the Grades tab by its due date to get credit.***
Quizzes: each chapter quiz and due date are posted on the course Canvas Grade tab. *Missed quiz gets 0pts regardless of excuses.*
Discussions: discussion and due date are posted on the course Canvas Grade tab. *Missed discussion gets 0pts regardless of excuses.*

Project: each project due date is posted on the course calendar and due on Exam date. *Missed project gets 0pts regardless of excuses.*
Exam: each exam date is posted on the course calendar. *Missed exam gets 0pts regardless of excuses.*
Final: comprehensive and given on a specific date and time during the final week. There is no make-up for final exam.

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

Makeup Policy: No makeup quizzes or exams are available. Student must notify the instructor in advance of a missed quiz or a missed exam to use the following makeup policy.

Only 1 missed quiz due to an excused absence or emergency will be covered by the next quiz (exact point).
Only 1 missed exam due to an excused absence or emergency will be covered by the final exam (converted to a percentage).

Exam procedure/policy:
- Each exam is 60 minutes, and there is no dropping lowest exam score.
- The Final Exam is 2 hours. (see course calendar for detail)
- Make sure you have fully studied and prepared before you take each exam. (see Canvas Modules for outlines)
- **All exams and final exam must be taken in class in person.**

Academic Dishonesty: Students will get 0pt on the related assignments if:
- Cheat on exams and assignments
- Copy other's work as their own
- Only include the final answer, but do not show any work or offer any explanation.
- Alter work on exam/quiz after it has been graded to deceive the instructor
- **Uploading instructor's exams or a part of the exam online for others to view will result in a failing grade.**

Repeated academic dishonesty will result in a failing grade in the course. Moreover, all academic dishonesty instances will be reported to the college!

Time Commitment: As stated in the De Anza College course catalog, students are expected to spend at least two hours outside of class for each hour spending in class to do homework and study for quizzes and exams.

Grade improvement: This class is rigorous, so it can be fast-paced and challenging quite often during the quarter. The only way to build confidence is through practice and more practice. Other strategies to improve grade: take detailed note during lecture, ask questions when in doubt, work with classmates during group work, 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.
If you are interested in improving your grade, please spend time to study and do the homework.
Do not expect or rely on extra credit because there is none in this class.

Campus tutoring, additional assistance, and Internet resources:

- On campus tutoring in S43: https://www.deanza.edu/studentsuccess/mstrc/
- 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:

- Read the syllabus word by word and honor the syllabus.
- Attend lecture, take note, and study problems on the note before working on homework.
- Collaborate with classmates and the instructor during group work and in-class activities.
- Do and submit all assignments on time.
- Do homework outside of class before the next lecture to stay current with the materials.
- Study and prepare for quizzes and exams.
- Read textbook for more examples.
- Behave as educated and civilized individual, to be hold accountable for your actions.

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. Moreover, **showing up 5 minutes late to class is counted as an absence.**

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

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

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 accommodation, due to a 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.

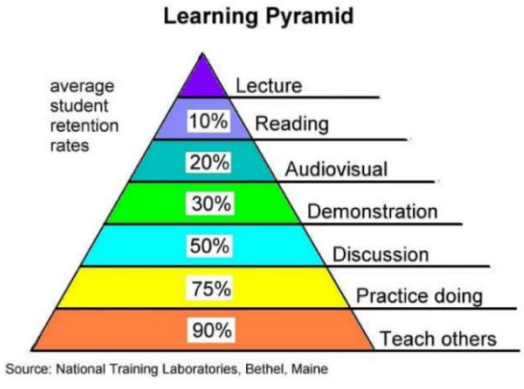
Course SLOs: Upon successful completion of the course, students will be able to:

- 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.

Tentative Course Calendar

M	T	W	Th
1/08 Syllabus & Canvas Ch1	1/09	1/10 **Ch1 Hw Due** Ch2	1/11
1/15 Holiday NO CLASS	1/16	1/17 Ch2	1/18
1/22 **Ch2 Hw Due** Ch3	1/23	1/24 Ch3	1/25
1/29 Ch3 Hw Due, **Project#1 due** **Exam#1**	1/30	1/31 Ch4	2/01
2/05 Ch4, Ch5	2/06	2/07 **Ch4 Hw Due** Ch6	2/08
2/12 Ch7	2/13	2/14 **Ch6-7 Hw Due** Ch8	2/15
2/19 Holiday NO CLASS	2/20	2/21 Ch8	2/22
2/26 Ch8 Hw Due **Project#2 due** **Exam#2**	2/27	2/28 Ch9	2/29
3/04 Ch9	3/05	3/06 Ch10	3/07
3/11 **Ch9-10 Hw due** Ch11	3/12	3/13 Ch11	3/14
3/18 **Ch11 Hw due** Ch12	3/19	3/20 Ch 13 Catching up	3/21
3/25 **Ch12 Hw due** **Project#3 due** **FINAL EXAM** **1:45-3:45PM**	3/26	3/27	3/28

1/21 Last day to add/drop
1/22 Census
3/01 Last day to drop with a W
3/25-3/29 Final Exam week, no lecture



Math 10 Homework
(see Canvas for due date, scan and upload files in .pdf format)

- Homework is graded on completeness and neatness, see tentative course calendar for due date.
    - Must show work for each problem. Hw without show work will be -1pt.
    - Submit one file per homework. If not, hw will be -1pt.
    - Name each file to match with the hw description. If not, -1pt.
    - Deduct points from each missing problem depending on the amount of problems in each hw.
- Why should students care about showing work?
    - **Practice makes confidence**
    - **Help to prepare for quizzes and exams**
- Students are responsible to do all homework and submit the work on time,
    - Late hw gets a solid 0pt, so do not submit late hw.

NOTE: To scan and upload hw on Canvas with your phone, I recommend the free Adobe Scan app.
It is ok to write your hw on an ipad or tablet and convert it to .pdf files to upload on Canvas.

Ch1 Hw do all problems on Ch1 hw worksheet (10pts)

Ch2 Hw do all problems on Ch2 hw worksheet (10pts)

Ch3 Hw do all problems on Ch3 hw worksheet (10pts)

Ch4 Hw do all problems on Ch4 hw worksheet (10pts)

Ch6-7 Hw do all problems on Ch6-7 hw worksheet (10pts)

Ch8 Hw do all problems on Ch8 hw worksheet (10pts)

Ch9-10 Hw do all problems on Ch9-10 hw worksheet (10pts)

Ch11 Hw do all problems on Ch11 hw worksheet (10pts)

Ch12 Hw do all problems on Ch12 hw worksheet (10pts)

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 evaluate conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.

Office Hours:

M,T,W,TH	12:30 PM	01:00 PM	In-Person	S-55
M,T,W,TH	09:55 AM	10:25 AM	Zoom	