

MATH 10
SYLLABUS
 (green sheet)

Instructor: Hung Nguyen

Email: CANVAS EMAIL

Office Hour: Tuesdays 3:45PM-4:45PM

Technology: Scientific Calculator.

Course Website: CANVAS

Optional free online texts:

1. Introductory (Collaborative) Statistics - *Illowsky/Dean edition*
<http://professormo.com/Math10/col10522.pdf>
2. Inferential Statistics and Hypothesis Testing - *Geraghty*
<http://professormo.com/holistic/HypothesisTesting.pdf>

Grades

Final grades for this course will be determined using the following weights

| | |
|-----------------|------|
| Homework | 15% |
| Quizzes | 20% |
| Exam 1 | 20% |
| Exam 2 | 20% |
| Final | 25% |
| Total | 100% |

This course is not graded on a curve. The letter grades will be determined using the following cutoffs: [97,100] A+; [93, 97) A; [90,93) A-; [87,90) B+; [83,87) B; [80,83) B-, [77, 80) C+; [73,77) C; [70,73) C-, [67,70) D+, [63,67) D; [60,63) D-, [0,60) F.

Homework: Completed homework must be turned in by the due date. **Late homework will not be accepted.** You are encouraged to discuss homework assignments with other students, but you must write up your solutions independently. You are expected to turn in complete solutions - **show your work on all steps**. Answers only will not be accepted. Most of the homework assignments will cover several sections of the class material. Work on the homework a little bit each day. Ask questions during the office hours. Do not wait until the day before an assignment is due to start work on it. Extra 10% credit for clear and correct homework. To turn in homework, scan or take a picture of the finished homework, convert it to PDF and upload it on CANVAS.

Quizzes: There will be several short quizzes during the quarter. Quizzes will be online. Missing a quiz will result in a score of zero. You cannot get or give assistance on the quizzes. Check syllabus for the days of the quizzes. To turn in the quiz, scan or take a picture of the finished quiz, convert to PDF and upload it on CANVAS.

Exams: There will be two exams. Exams will be CANVAS. **No make up exams.** To turn in the exam, scan or take a picture of the finished exam, convert it to PDF and upload it on CANVAS.

Final Exam: A comprehensive exam will be given on the final exam date and time. **No makeup final exam.**
Attentive Date: Tuesday Dec 13, 2022.

Attendance: This is in person class, however attendance is not required. Students are obligated to do daily tasks under Modules in CANVAS.

Academic Integrity: Our own commitment to learning, as evidenced by your enrollment at De Anza College and the college's Academic Integrity Policy requires you to be honest in all your academic course work. Faculty are required to report all infractions to The Student Development & EOPS Office at De Anza College and Office of Student Affairs. The policy on academic integrity can be found at <https://www.deanza.edu/studenthandbook/academic-integrity.html>

Students with Disabilities:

If you need course adaptations or accommodations because of a disability, or if you need special arrangements in case the building must be evacuated, please contact me as soon as possible or see me during my office hours. Also, please contact Disability Support Services (864-8753) or Educational Diagnostic Center (864-8839) for information or questions about eligibility, services and accommodations for physical (DSS), psychological (DSS) or learning (EDC) disabilities.

I am looking forward to working with you and getting to know you this quarter!

**TENTATIVE SCHEDULE-MATH 10
 FALL QUARTER - 2022**

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----|--------|---|-----------|---------------------------------------|--------------------------------|
| Oct | 3 | 4 Descriptive Statistics Part 1+ Part 2 | 5 | 6 Part 3 Quiz 1 | 7 Last day to drop w/o W |
| Oct | 10 | 11 Probability Part 1 +2 Office Hour 3:45PM-4:45PM | 12 | 13 Probability Part 3 Quiz 2 | 14 |
| Oct | 17 | 18 HW 1 Due Discrete R.V. Office Hour 3:45PM-4:45PM | 19 | 20 Discrete RV Binomial+Poisson | 21 |
| Oct | 24 | 25 Continuous RV | 26 | 27 HW 2 Due CLT | 28 |

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|----------------|----|--|----|--|--|
| Nov | 31 | 1 Exam 1 Confident Intervals | 2 | 3 | 4 |
| Nov | 7 | 8 One pop. tests | 9 | 10 | 11 |
| Nov | 14 | 15 | 16 | 17 HW 3 Due 2 pop. tests | 18 Veterans Day Holiday |
| Nov | 21 | 22 | 23 | 24 | 25 Last Day to drop with W |
| Nov | 28 | 29 HW 4 Due Chi Square test/ANOVA | 30 | 1 Thanks- Giving Holiday | 2 Thanks- giving Holiday |
| Nov/Dec | 5 | 6 Review Exam 2 Regression | 7 | 8 Exam 2 | 9 |
| Dec | 12 | 13 FINAL EXAM | 14 | 15 | 16 |

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.

Office Hours:

In-Person T 3:45 PM 4:45 PM