Instructor: Jonathan Nay
Office: E37
Office Hours: MTWThF 9:30-10:15AM, 11:30-12:15PM
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MATH 10: Elementary Statistics and Probability • Sec 13 • Fall 2018

Room MLC-109 • MTWThF 10:30-11:20AM

COURSE DESCRIPTION

Introduction to data analysis, randomness, variations, distributions of data, hypotheses testing, probability, and statistical models with applications. (5 units)

PREREQUISITE

MATH 114 or equivalent with a grade of C or better; or a qualifying score on the Intermediate Algebra Placement Test within the past calendar year. Advisory: EWRT 211 & READ 211 (or LART 211), or ESL 272 & 273.

TEXTBOOK

Introductory Statistics by Barbara Illowsky and Susan Dean. This textbook is available for free (online or download PDF) at: http://openstaxcollege.org/textbooks/introductory-statistics/get

MATERIALS

Graphing calculator (TI-83, TI-83 Plus, TI-84, or TI-84 Plus recommended), pencils, erasers, colored pens, paper, and ruler/straight-edge.

IMPORTANT DATES

October 2nd (Tuesday)	Homework #1 due
October 6th (Saturday)	Last day to add class
October 7th (Sunday)	Last day to drop with no record of grade
October 9th (Tuesday)	Homework #2 due
October 12th (Friday)	**Midterm Exam #1**
October 23th (Tuesday)	Homework #3 due
October 30th (Tuesday)	Homework #4 due
November 2nd (Friday)	**Midterm Exam #2**
November 12th (Monday)	NO CLASS – Veterans Day Observed
November 14th (Wednesday)	Homework #5 due
November 16th (Friday)	Last day to drop with a "W"
November 22nd (Thursday)	NO CLASS – Thanksgiving Break
November 23rd (Friday)	NO CLASS – Thanksgiving Break
November 27th (Tuesday)	Homework #6 due
November 30th (Friday)	**Midterm Exam #3**
December 6th (Friday)	Last day of classroom instruction
December 13th (Thursday)	**FINAL EXAM 9:15AM-11:15AM**

HOMEWORK

Six (6) homework assignments will be given during the quarter. The homework will be graded and returned within approximately two days. Collaboration on the homework is encouraged, but each student must write his/her own solutions and not copy them from anyone else. If you have questions about the homework, you may email me or see me during my office hours.

Some of the assigned homework may require WebAssign (https://webassign.com/). You must have an access code to complete the WebAssign portion of the homework. The WebAssign portion of the homework is due at the same date/time as the associated homework assignment.

QUIZZES

Ten (10) in-class quizzes will be given during the quarter (roughly one quiz per week). The quiz will include topics that were covered during that particular week and/or the previous week. Quizzes will be graded and returned by the next class session.

EXAMS

There will be three (3) midterm exams and one final exam during the quarter. The midterm exams will be specific to the topic(s) being covered for that portion of the quarter. The final exam will be comprehensive. All exams will be closed book with no calculators allowed. The use of note cards will be at my discretion for each exam.

GRADING

Breakdown of Grade	
Homework (6)	25%
Quizzes (10)	10%
Midterm Exam #1	15%
Midterm Exam #2	15%
Midterm Exam #3	15%
Final Exam	20%

Grading Scale	
100-99.0%	A+
93.0-98.9%	A
90.0-92.9%	A-
88.0-89.9%	B+
83.0-87.9%	B
80.0-82.9%	B-
78.0-79.9%	C+
70.0-77.9%	C
68.0-69.9%	C-
0-67.9%	F

Final grades are non-negotiable. You should monitor your scores regularly throughout the quarter. If there are any discrepancies, they should be brought to my attention as soon as possible. Grades on exams, homework, and/or quizzes will be changed only if there is a clear error on my part, such as adding up marks incorrectly.

An incomplete grade (I) is rarely assigned. It will only be assigned in extreme situations (i.e. unforeseeable emergency and justifiable reason at the end of the term that prevent you from completing the course). You must be in good standing with near-perfect attendance and an overall grade of a 70% (C) or greater in order to request for an incomplete grade.

MAKE-UP POLICY

Make-up of homework or mid-term exams will only be allowed for highly unusual circumstances. Unless specific approval is provided otherwise, homework will not be accepted beyond the beginning of class on the day that homework assignment is due, and the midterm exams can only be taken on the scheduled exam date.

If there is an in-class quiz on a day you will be absent and you inform me in advance of your absence, then you will be given an opportunity to earn an equivalent amount of credit as the missed quiz.

The final exam date and time have been determined and mandated by the college. No early/late final exam may be scheduled. If you know that you are unable to take the final at the date and time above, you must drop the class now.

COMMUNICATION

I will be using email to communicate with you outside of classroom time so you should check your email on a regular basis. I expect that if you will miss a class lecture, then you will email me letting me know that you will be absent along with a reason for your absence. If you need to contact me for routine matters, please use my email. If you need to contact me for more urgent matters, please call or text my phone.

ATTENDANCE

Students are expected to attend all sessions of each class. It is essential that you participate and regularly ask questions in order to succeed in this course and your future math courses.

Instructors reserve the right to drop students from class if they fail to attend the first class meeting, or when accumulated unexcused hours of absence exceed ten percent of the total number of hours the class meets during the quarter. Do not rely on your instructor to drop you from your course. If you decide to stop attending class, it is your responsibility to drop. Failure to do so will result in a grade of F.

CLASSROOM ETTIQUETTE

The following classroom etiquette guidelines are to be followed at all times:

- *Respect*. To promote a safe and positive learning environment, you are to be respectful to me, your classmates, and all other college community members.
- *Presence*. You are expected to come to each class on-time and prepared. During the class lecture, you are expected to give your full attention and actively participate.
- *Communication*. Please do not talk during lecture or when other students are addressing the class. If you have a question, then raise your hand.
- *Digital Media*. Keep your cell phones on silent and out of sight. With the exception of graphing calculators, the use of electronic devices during the lecture is generally not allowed. Unapproved use of an electronic device could result in you being asked to leave the classroom.

TUTORING

Tutoring is available for all students at the Math, Science & Technology Resource Center (MSTRC) in Building S-43. Tutoring is provided at no charge by qualified, trained tutors. Tutors can give students feedback on their course work, help them understand assignments and provide students strategies for improving their learning skills. The MSTRC will be sending out a survey the first week of instruction to determine each student's availability for Math 10 small group tutoring, in order to schedule group tutoring sessions around these times to optimize participation. Students are highly encouraged to sign up for a group tutoring session, especially if they have previously struggled in their algebra class(es). The group tutoring starts the second week of instruction. **Group tutoring sign-ups with the MSTRC must be done by the third week of instruction!** For more information, visit http://www.deanza.edu/studentsuccess/mstrc/.

ACADEMIC DISHONESTY

By enrolling in this class you agree to uphold the standards of academic integrity as outlined in the current De Anza college catalogue. Dishonesty includes but is not limited to signing in someone other than yourself on the attendance sheet, in-class cheating, out-of-class cheating, plagiarism, knowingly assisting another student in cheating or plagiarism, or knowingly furnishing false information to college staff, faculty, administrators or other officials. If you are observed cheating, you may receive an F on the assignment/exam and be dismissed from the course. Furthermore, the incident will be reported to the Dean of Student Development for review and a note will be made in your school records. Please do not give me any reason to suspect cheating.

CODE OF STUDENT CONDUCT

The college has an obligation to specify those standards of behavior essential to its educational mission and campus life. The students who are in violation of the Code of Student Conduct are subject to disciplinary sanctions which apply at all times on campus as well as to any off-campus functions sponsored or supervised by the college.

ACCESSIBILITY ACCOMODATIONS

If you have a documented disability and wish to discuss academic accommodations, or if you would need assistance in the event of an emergency evacuation, please let me know.

EMERGENCY INFORMATION

Check out the Emergency website for information on what to do in an emergency (earthquake, electrical outage, fire, extreme heat, severe storm, hazardous materials, terrorist attack) here: https://www.deanza.edu/emergency/. Be familiar with these procedures. Information on this page is updated as required.

LAST NOTE

Please remember that you are responsible for your education. This means that if you are having trouble understanding a concept presented in class, I encourage you to ask questions during class or in office hours. Do not wait until the end of the quarter to realize that you need help. Math and Statistics are hierarchical subjects – they continue to build up on knowledge from previous material. If you miss a lecture, ask a friend to share his/her lecture notes with you. Frequently Asked Questions

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.