

STAT 381-01 (10191) Mathematical Statistics SUMMER 2024

COURSE SYLLABUS

Meets	MWTh 5:00PM - 7:30PM
Location	Building LA5, Room 245
Instructor	Dr. Olga Korosteleva
Office	Building FO3, Room 208
Email	Olga.Korosteleva@csulb.edu
Phone	(562)985-1941 (only during office hours)
Course Webpage	https://home.csulb.edu/~okoroste/stat381.html
Office Hours	MWTh 4-4:50PM in FO3-208, or by appointment via Zoom

Course Goals You are expected to learn the fundamental principles of mathematical statistics: point estimators, confidence intervals, and tests of hypotheses.

Textbook “*Mathematical Statistics with Applications*” by Dennis D. Wackerly et al, Duxbury, 2008 (7th Edition).

Calculator You need a scientific calculator. You are responsible for learning how to use it.

Software Students will be given an option of using Excel for calculations. Templates will be provided by the instructor.

Adding Course If you would like to add the course, the instructor may give you the permission to register. It is your responsibility to finish the process of enrollment.

Withdrawal Policy The last day to drop without a 'W' with only the instructor's signature is July 19, 2024.

Disability Students with disabilities who require reasonable academic accommodations are strongly encouraged to register with the Bob Murphy Access Center (BMAC) each semester. Students must submit supporting disability documentation to BMAC and provide faculty of any BMAC verification of accommodations as early in the semester as possible. BMAC is located in the Shakarian Student Success Center, Room 110 and can also be reached by phone at (562) 985-5401 or via email at bmac@csulb.edu. The policy of the CSU is to make its programs, services, and activities accessible to students, faculty, staff, and the general public, with disabilities who visit or attend a campus-sponsored event.

Assignments and Exams There will be five homework assignments, one midterm exam, and a non-cumulative final exam. The exams are closed book. **A self-prepared formula sheet is allowed.** You are responsible for keeping track of the course schedule and observing all the deadlines.

Academic Honesty Academic honesty will be strictly enforced. All identical submitted assignments will receive 0%, and no resubmission will be allowed.

Course Webpage The course webpage is located at <http://web.csulb.edu/~okoroste> in the folder “STAT 381”. It will contain updated grades, syllabus, schedule, and all study-related materials.

Final Grade Your final grade is based on your total points of a possible 700: 100 points for each of the five homeworks, 100 points for the midterm exam, and 100 points of the final exam. Grades will be based on the traditional 90% & above = A, 80%-89% = B, 70%-79% = C, 60%-69% = D, and 59% & below = F.

University Policies The university is committed to providing a safe and positive learning environment and has established a zero-tolerance policy for any sexual/gender-based misconduct, including, but not limited to sexual harassment, assault, relationship violence, or stalking. We practice tolerance and denounce hate and prejudice. Our classroom will strive to be a place of mutual respect where the focus is on learning and student success.

University Resources The following entities at CSULB have been established to provide support and assistance for victims of sexual harassment and assault:

- Title IX Office: <http://web.csulb.edu/divisions/students/titleix/titleixreporting.html>
 - CSULB University Police Department: <https://www.csulb.edu/university-police/titleix>
 - Women’s & Gender Equity Center: <http://web.csulb.edu/divisions/students/wrc/sexualassault/>
 - Counseling & Psychological Services (CAPS) Office: <http://web.csulb.edu/divisions/students/caps/>
 - Student Health Services: <http://web.csulb.edu/divisions/students/shs/sexualassault.htm>
- For more information regarding CSULB’s policies on sexual misconduct and discrimination go to <http://www.csulb.edu/titleix>.

Undocumented students Undocumented students are welcome in this class. If you are undocumented and need assistance with successfully completing courses or a degree at CSULB, the staff of the Dream Success Center can help you with advising, campus services, legal immigration support, and other university resources. Visit the Dream Success Center in the Student Success Center, room 290, contact them at (562)985-5869 or via email at dream@csulb.edu. For more information, please visit <https://csulb.edu/dream>.