Elementary Probability and Statistics
Math 2200, Sections 1 & 2
Fall Semester 2020

Instructor info: Dr. Abigail Jager Dr. Benjamin Cooper Boniece
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Section information: Monday and Wednesday lectures are asynchronous for both sections. Subsections are synchronous, but asynchronous-compatible.

<table>
<thead>
<tr>
<th>Section 01</th>
<th>Section 02</th>
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<tbody>
<tr>
<td>Time:</td>
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<tr>
<td>Synchronous on Fridays 9:00-9:50</td>
<td>Synchronous on Fridays 11:00-11:50</td>
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Prerequisite: Calculus I (Math 131).
Text: OpenIntro Statistics, 4th Edition (Note: the PDF version of this textbook is free!)
Authors: Christopher D. Barr, David M. Diez, and Mine Çetinkaya-Rundel

Grade Distribution:

- Homework 25%
- Discussion Sessions 12.5%
- Quick Quizzes 12.5%
- Midterm Exams (3) 37.5% (12.5% each)
- Final Project 12.5%

Grade scale:

- A [90,100+]
- A- [85,90)
- B+ [80, 85)
- B [75, 80)
- B- [70, 75)
- C+ [65,70)
- C [60,65)
- C- [55,60)
- D [50,55)
- F [0,50]

Course policies:

- General

  - Course content & asynchronous compatibility. This course is designed to be asynchronous-compatible, and consists of a mixture of (1) pre-recorded content, (2) synchronous, remote interaction, and (3) synchronous, in-person meetings. Participating in synchronous aspects of this course optional, though it is strongly encouraged. All students who cannot participate in live sessions synchronously will be expected to watch recordings of synchronous content to stay in pace with the course.
– Content delivery. Prior to the start of each new week, a schedule will be posted on Canvas regarding the upcoming week’s content. It extremely important to regularly check Canvas on to stay up-to-date with the course.

– Statistical software. Students are required to have a laptop and use the statistical software R (no familiarity with R will be assumed.) If you need help installing R on your personal computer, your subsection instructor will assist you in the first week of classes.

• Discussion Sessions, Homework, & Quick Quizzes

– Homework assignments will be assigned weekly and completed through a service called Crowdmark https://crowdmark.com/. In the first week of classes, you will receive an email link to get started with Crowdmark.

– Subsection assignments consist of group work to be turned in for credit, also to be submitted through Crowdmark.

– Weekly “Quick Quizzes” will be administered through Canvas. The quizzes are not timed, and are designed to be completed in roughly 10-15 minutes outside of class. The quizzes allow for two attempts per question, and are related to recently covered material in the course.

– No late assignments (homework, quick quizzes, subsection assignments) will be accepted.

– Two assignments for each assignment category (homework, quick quizzes, subsection assignments) will be dropped.

• Exams & Final Project

– There will be 3 midterm exams, and a final end-of-semester project. There is no final exam.

– Exams are on the dates specified below:
  * Exam 1: Monday, October 12 (Flexible times, to be announced.)
  * Exam 2: Monday, November 9 (Flexible times, to be announced.)
  * Exam 3: Friday, December 11 (Flexible times, to be announced.)
  * Final Project: Due January 4th, 5:30pm (St. Louis local time, -6:00 UTC).

– If you miss an exam for a valid excuse (serious illness or family emergency) with adequate documentation, your missing score will be “predicted” based on your performance on other exams. Missed exams without a valid excuse or without adequate documentation will receive a score of 0. To receive an official excuse for an exam, it is important you discuss with us before the exam time.
– The final project will be group-based, and involve using statistical techniques in R that we learn throughout the semester, as well as a short report based on your group’s analysis. Full details on the final project will be made available as the semester progresses.

• **Attendance & Participation**
  – All students are strongly encouraged to participate in synchronous aspects of this course.
  – Prior to each Friday, the instructors will solicit questions from the class. We encourage all students to submit questions.
  – Piazza is a message board that we will be using in our course. Questions and responses on Piazza can be made anonymous, and the instructors will periodically check and respond to questions and discussions on Piazza. Participation in Piazza is not required, but all students are encouraged to use Piazza to ask questions related to homework, lecture content, or exams.

• **Covid-related Policies**
  – Safety. All students are expected to fully comply with the university’s campus safety procedures.
  – If your subsection instructor does not pass a daily self-screen, your subsection may need to move online at the last minute. Due to this possibility, it is important to check Canvas and your email prior to attending to subsection each week.
  – If you do not pass the daily self-screen, or are quarantined, there are remote subsections that are offered at times throughout each Tuesday; the times are posted on Canvas. Additionally, a recorded subsection will be posted at the end of each Tuesday for those who cannot participate synchronously.
  – If you are sick, and anticipate your ability to complete your assignments may be affected, it is important you communicate your situation to the instructors as early as possible.

• **Academic Honesty**
  – All students are expected to comply with WashU’s academic integrity policy.

• **Adaptivity**
  – The course may evolve over the semester to accommodate unforeseen circumstances. If any changes are made to course policies, they will be communicated to the class via Canvas.
Accommodations and Student Accessibility
Washington University is committed to providing accommodations and/or services to stu-
dents with documented disabilities. Students who are seeking support for a disability or a
suspected disability should contact Disability Resources. Disability Resources is respon-
sible for approving all disability-related accommodations for WU students, and students
are responsible for providing faculty members with formal documentation of their approved
accommodations at least two weeks prior to using those accommodations. If you have al-
ready been approved for accommodations, we request that you provide us with a copy of
your accommodation letter within the first two weeks of the semester.