Syllabus - Psych 101, UC Berkeley, Summer 2018

Matthew J. Crossley

June 17, 2018

1 Instructor and GSI Information

Instructor: Matthew J. Crossley

email: matthewjohncrossley@gmail.com
office: TBA
office hours: tues / thurs 12:00 - 1:00 or by appt.

GSI: Felicia Zerwas

email: fzerwas@berkeley.edu
office: TBA
office hours: TBA

GSI: Joseph Ocampo:

email: jmocampo@berkeley.edu
office: TBA
office hours: TBA

2 Course Schedule

course date span: June 18 to August 10

lecture meeting times: tues / thurs 9:00 - 11:30

lecture meeting room: Barrows 20

section meeting time: tues / thurs 1:00 - 3:00

section meeting room: TBA

3 Website

bcourses: TBA

github: https://github.com/crossley/psych-101

4 Course Information

The goal of the course is to teach students basic statistics using the R programming language. R will be at the very core of nearly everything we do. Please make sure you have access to a reliable computer. Please also bring your computer to lectures. You will learn much more, and help others by asking better questions if you follow along with my programming examples during lecture.

5 Prerequisites

You must have a good grasp of algebra and be willing to try very hard to learn the R programming language. Prior experience with R – or similar language – will be very helpful to you, but is not at all necessary. We will learn both statistics and R from the ground up.

6 Required Course Materials

Students must have access to a computer that is successfully running the R programming langauge.

7 Course Composition and Grading Policy

Your grade will be determined on the basis of your performance on 8 homework assignments (1 per week of the course), and one final project. Each homework assignment will be worth 100 points. The final project will be worth 800 points. Your final grade will be computed as follows:

Figure 1: Course grading algorithm.

```
# below, score_hw_x, is a place holder for your score on homework x
scores_hw <- c(
  score_hw_1,
  score_hw_2,
  score_hw_3,
  score_hw_4,
  score_hw_5,
  score_hw_6,
  score_hw_7,
  score_hw_8
)

cumulative_score_hw <- sum(hw_scores)
score_project <- x # x is a placeholder for your score

final_grade <- mean(c(scores_hw, score_project))
```

8 Academic Honesty

Both the University and your instructor take academic honesty very seriously. If you are caught cheating on an exam or assignment, you will automatically fail the class. This behavior will also be brought to the attention of the psychology department and University. Afterward, further actions might then be taken by both groups.

9 Disability Statement

If you are a student who needs academic accommodations or support because of a documented disability, please contact me and provide copies of your contract or accommodation letters within two weeks of the start of the semester. This will allow me to make the appropriate arrangements. All discussions will remain confidential. If you have questions about accessing Disability Support Services, documenting a disability, or requesting accommodations, you should contact the disability support program. More information can be found online.

10 Student Learning Outcome and Course Requirements Met

This course is required for the psychology major. It might also fulfill the requirements for other majors. The class is required for majors because by the end of this semester you should have gained: 1. The knowledge, understanding, and critical thinking skills that are required in order to evaluate and understand empirical work, and 2. The ability to effectively communicate your logic and calculate out the statistics that you can and will use in experiments during this semester and in future years.

11 Disclaimer

This syllabus is subject to modification. The instructor will communicate with students on any changes.