

Boston University
MA 113 C1
Elementary Statistics
Fall 2012
Hunter Glanz
Syllabus

Class Time and Location: Monday, Wednesday, Friday 12-1pm in CAS 522

Discussion Times and Locations: Every student must be registered in a discussion, and weekly attendance at one is mandatory.

Discussion C2 MCS B23 Monday 2-3pm

Discussion C3 PSY B35 Monday 3-4pm

Discussion C4 PSY B41 Monday 4-5pm

Discussion C5 CGS 311 Tuesday 9:30-10:30am

Discussion C6 BRB 122 Tuesday 3:30-4:30pm

Office: MCS 151

Email Address: hglanz@math.bu.edu

Office Hours: Wednesday 9-10am, Thursday 5-6pm and by appointment

Text: *Introductory Applied Biostatistics for Boston University*, by D'Agostino et al.

TF & TF Office Hours:

Mi (Mia) Li

mli12@bu.edu

MCS B42

Wednesday 2-4pm

Math Tutoring Room: MCS B24, M-F

Course Resources: blackboard.bu.edu – MA113 C1 Elementary Statistics (Fall 2012)

Course Description: Our goal in this course is *statistical literacy*- the ability to think critically about numerical information and to use it to come to useful decisions and conclusions. The heart of statistics is data, that is, information- usually numbers- gathered from some study or experiment. We will focus on two parts of statistics: summarizing data (“descriptive statistics”) and interpreting data (“inference” or “decision theory”). While good algebra skills are helpful, you will find that much of the course relies on developing intuition you already have- our emphasis will be on quantifying, that is, numerically measuring or describing what you see.

You will need a calculator; please bring one to class every day.

Lecture attendance and participation are vital. Arriving on time, being prepared for the new material, and leaving only at the end of class, are absolutely necessary to get the most out of this course. Attendance is required and expected at all classes; the instructor is not responsible for student absences nor the consequences of them.

Boston University Course Description: Basic concepts of estimation and tests of hypotheses, ideas from probability; one-, two-, and multiple-sample problems. Applications in social sciences.

Exams and Grading:

Homeworks	30%
Exam 1	20% (Oct. 5)
Exam 2	25% (Nov. 9)
Final	25% (Dec. 20)

LATE homework assignments will NOT be accepted. Because of this, the lowest homework grade will be dropped.

Make-up Exams: If you miss an exam, then you must provide an acceptable excuse for your absence or you will receive a grade of zero. A valid reason for missing an exam would be something such as serious illness or a family emergency. If possible (particularly if you want to be sure that your excuse is an acceptable one), contact me before missing an exam.

Academic Conduct: Your work and conduct in this course are governed by the CAS Academic Conduct Code. This code is designed to promote high standards of academic honesty and integrity as well as fairness. A copy of the code is available in CAS Room 105 if you cannot access it on the web, and it is your responsibility to know and follow the provisions of the code. In particular, all work that you submit in this course must be your original work. If you find information online for homework (from wikipedia for example), make sure to cite whatever source you use. Any cases of suspected academic misconduct will be referred to the CAS Student Academic Conduct Committee.

Certain circumstances may require the revision of the above guidelines; therefore I reserve the right to make changes as needed. This will never be to your detriment.