

STAT 100, Section 1: Statistical Concepts and Reasoning

Summer 2005

Official Course Syllabus

General description of the course: Statistics is the art and science of extracting information from data concerning a question or hypothesis of interest. The objective of this course is to introduce the student to statistical reasoning and interpretation of data analysis.

Textbook: *Seeing Through Statistics, Third Edition*, by Jessica Utts, published by Duxbury Press. We will cover most of this book.

Schedule: Class: MTRF 09:35A - 10:50A , 013 [LIFE SCI](#) W 09:35A - 10:50A., 112 [BOUCKE](#)

Instructor: Shirvonne McCarthy smm503@psu.edu, 301 Thomas Building, 863-2314
Office hours: 11:00-12:00 , Thursday 11:00-12:00

Teaching Assistant: Bo Kai <buk126@psu.edu>, 316 Thomas Building, 863-3238

Required Work: There will be a total of 520 points awarded in the course, consisting of:

1. One in class examinations (Midterm), worth 100 points.
2. Six graded homeworks, each worth 30 points.
3. Four in class quizzes, worth 10 points.
3. A comprehensive final exam, worth 200 points.

Final Grades: Final letter grades will be determined as follows:

A : 94-100% B+: 88-89% C+: 78-79%
A-: 90-93% B : 84-87% C : 70-77%
B-: 80-83% D : 60-69%

Exams: All exams will be in multiple-choice format and will use computer scan-tron (bubble) sheets. To each exam, you should bring:

1. A single 8.5 x 11 inch sheet of formulas or notes, written on **one side only**,
2. No. 2 pencils to complete your scan-tron sheet, and
3. Your Penn State University student ID card.

You may bring calculators but generally you will not need them.

Quizzes: Four timed, in-class quizzes will be given. Each quiz is worth 10 points. It is to your advantage to attend class regularly throughout the semester.

Homework: Homework will be assigned and collected. Answers to homework assignments will be posted on angel. The exams and quizzes will reflect the homework assignments, so it is advantageous to do your homework diligently.

Course Rules:

1. No late or make-up exams will be given for ANY reason. If you must miss any exam, you should provide a valid reason **IN WRITING** to the instructor **PRIOR TO THE EXAM**. If you have to miss an exam at the last minute for some reason, be sure to notify the instructor prior to the exam time by email or by leaving a phone message (in these cases, you should later back up your excuse with written documentation). Once the instructor has approved your written excuse, your final grade will be calculated without the missed exam (e.g., if you miss one of the midterms, then your final grade will be calculated based on 420 total points instead of 520).
2. No make-up quizzes will be given for ANY reason.
3. Students are responsible for all announcements and supplements given within any lecture.
4. Academic Integrity Statement: All Penn State and Eberly College of Science policies regarding academic integrity apply to this course. See <http://www.science.psu.edu/academic/Integrity/index.html> for details.
5. If you need to leave class early, please sit in the rear and leave as quietly as possible.
6. Please be courteous to your classmates and keep extra noise to a minimum.
7. Please turn off all cell phones and pagers during class.