

# **STATISTICS FOR BUSINESS CONTROL REGRESSION AND FORECASTING, PROFESSOR HURVICH, STAT-UB 103, SECTION 1**

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Handouts, data sets, homework problems and sample exams are available here. Some specific materials for each class session will be posted on NYUClasses, in advance of and following the class session.

**Office Hours:** 9:00-10:00 AM, Friday (By Zoom).

## **Textbook:**

We will not use a textbook for this course. The course materials are self-contained. The material you are responsible for is: the course sessions, handouts, labs and homework assignments.

## **Software:**

We will use Minitab, Release 19, for data analysis. Minitab 19 is available on Citrix (apps@stern). For a smoother experience, you can also rent Minitab 19 from <https://onthehub.com>.

## **Grading Policy**

We will have weekly homeworks, two midterms, a final exam, and a few labs. Your grade will be based on these, as well as class participation. The details follow.

## **LABS:**

The labs (given as separate handouts) are simple activities that help you to see statistical ideas in action. We will present summaries of the data you collect for these labs, and use them to help explain some of the concepts of statistics. Your job is simply to perform the activity (it should only take a few minutes), and fill out a form to provide us with your data.

The labs count for 5% of the grade. They need to be handed in on time (so that we can tabulate the results), and will not be accepted late.

## **HOMEWORK:**

The homeworks count for 10% of the grade. They should be handed in on time. You can work with up to two other class members on homeworks. Your team should submit just one document, with all of your names on it. You are allowed

two late homeworks (up to one week late) without penalty. After that, any late homeworks will be assessed a penalty of 20%. No homework will be accepted more than one week after the due date. Homework will be graded numerically. If there's a particular problem you would like the grader to comment on, please indicate this clearly at the top of your paper. Partial solutions to some homework problems may be posted periodically on NYUClasses (not on the course website).

**EXAMS:**

The exams count for 75% of the grade. Makeup exams will not be offered. Exams are open-book, open-notes. Midterm exam questions will be multiple choice. On these questions, the answer is graded as correct or incorrect: there is no partial credit, but there is no penalty for guessing. The exam part of your grade will be the highest of the following two numbers:

- (1) Your score on the final exam,
- (2)  $50\% (\text{Final Exam}) + 50\% (\text{Average of two midterm scores})$ .

Examples: Midterm 1 = 75, Midterm 2 = 95, Final Exam = 85, Exam Grade = 85.  
Midterm 1 = 0, Midterm 2 = 60, Final Exam = 95, Exam Grade = 95.

**CLASS PARTICIPATION:**

Class participation counts for 10% of the grade. I expect you to take an active role in learning Statistics. I may call on you, and I want you to ask questions. Please don't be afraid to speak up, especially if you do not understand something. This helps me to identify points which I haven't explained well enough.