

## MPS Math 10: Elementary Statistics – Spring 2009

<b>Instructor</b> Jefferson Shirley	<b>Office</b> S75B	<b>Office Hours</b> M–Th: 12:50 – 1:20 pm & 6:00 – 6:30 pm	
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### Text and Related Materials:

- Required Text: Illowsky, B. and Dean, S, **Collaborative Statistics**
  - You have Three Options for getting this text:
    1. Buying the book through the De Anza Bookstore
    2. Buying the book at QOOP: <http://my.qoop.com/store/7064943342106149/7781159220340>
    3. A free version of the book: <http://cnx.org/content/col10522/latest/>
  - A TI–83 or TI–84 is **required** for this class.
  - Recommended: A packet available on the instructor’s website.

### Pre-requisite:

A Passing grade in Math 114 (with a grade of C or better) or qualifying score on placement exam.

### Attendance:

Regular, punctual attendance at **all** class meetings is expected of each student. Students absent during the first 2 weeks of class will be dropped unless they contact the instructor. Each late arrival or early departure will count as half an absence. **A student may be dropped from the MPS Program if absent the equivalent of 5 times, no matter what the reason.** If you stop attending class, it is **your responsibility to drop yourself from the course.** *Failure to do this will result in a failure of the course.*

Each excused absence may be made up by going to the tutorial center for five hours. Unexcused absences may not be made up.

### Homework:

Homework will be assigned daily. Statistics requires a lot of time. Expect to spend at least 10 hours a week working on material outside of class. **Do not fall behind!** Complete all homework and ask questions.

### Quizzes:

There will be a short quiz at the beginning of every class meeting. You will be allowed to use your homework while taking your quiz, but nothing else. **Quizzes cannot be made up for any reason. Do not ask.** If you are late, you will get a zero on the quiz. Each quiz will be worth 3 points. The lowest 4 quiz scores will be dropped at the end of the quarter.

### Worksheets:

This is an activity-based class. Because of this, there will be one in-class worksheet everyday. You are expected to work in groups on these worksheets, and they must be turned in before leaving class. **Missed worksheets cannot be made up for any reason. Do not ask.** Each worksheet will be worth 3 points. The lowest 3 worksheet scores will be dropped at the end of the quarter.

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### Labs:

There will be 5 labs, worth 25 points each. They will be worked on, mostly in class, in groups of up to 4 students. Each group will turn in one lab. **Late labs will not be accepted. Do not ask.**

### Assignments:

There will be three assignments during the course of the quarter. Each assignment will be assigned approximately one week before each exam, and will be a good review for exams. Students may work in groups of up to 3 people on each assignment. They are to be done outside of class, and class time will not be used to discuss assignments. They will be collected and graded. **Late Assignments will not be accepted. Do not ask.** Each assignment will be worth 30 points.

### Projects:

There will be two projects assigned. They will be worked on, mostly outside of class, in small groups of 2-3 people. Both projects will be turned in as written reports.

### Exams:

Three exams will be given, worth 100 points each. Exam dates are on the calendar. **No make-up exams will be given for any reason. Do not ask.** Students will be allowed to use one standard (8½" x 11") sheet of paper with hand-written notes on all exams.

### Final Exam:

There will be a 2-hour final exam worth 100 points. The exam is comprehensive. Students who miss the final exam will receive a grade of F. **No incompletes will be given for missing the final exam.** The final exam date is on the calendar.

### Where to get help:

- The instructor has office hours everyday; please use them.
- MPS has amazing tutors; please use them.
- Also, the tutorial center is located in S-43.

### Other:

- Anyone caught cheating on a test or quiz will receive an automatic 0 and be reported to the Dean of the PSME Division. If caught twice, you will be expelled from the class and receive a grade of F.
- Cell Phones and Beepers should be turned off or set to vibrate mode during class. Your phone should neither be seen or heard. Phones may be taken from students, if they are used in class.
- Talking and other disruptions are disruptive to the whole class. Be respectful to your fellow students and instructor, and keep talking to a minimum. You may be asked to leave class, if you are found to be disruptive.

### Grades will be assigned as follows:

Exams – 3 @ 100 points	300 points	92 – 100%	A	828 – 900 points
1 final exam @ 100 points	100 points	90 – 91%	A-	810 – 827 points
Quizzes	90 points	88 – 89%	B+	792 – 809 points
Worksheets	85 points	82 – 87%	B	738 – 791 points
Assignments – 3 @ 30 points	90 points	80 – 81%	B-	720 – 737 points
Labs – 5 @ 25 points	125 points	78 – 79%	C+	702 – 719 points
Projects	110 points	70 – 77%	C	630 – 701 points
<b>Total</b>	<b>900 points</b>	60 – 69%	D	540 – 629 points
		0 – 59%	F	0 – 539 points

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### Tentative Calendar

	Monday	Tuesday	Wednesday	Thursday	Friday
Apr	Ch. 1 Instruction begins W1 6	Ch. 1 Q1/W2 7	Ch. 1/Ch. 2 Q2/W3 8	Ch. 2 <b>Chapt. 1 Lab</b> Q3 9	10
Apr	Ch. 2 Q4/W4 13	Ch. 2 <b>Chapt. 1 Lab Due</b> Q5/W5 14	Ch. 2/Ch. 12 Q6/W6 15	Ch. 12 Q7/W7 16	17
Apr	Ch. 12 Q8/W8 20	Ch. 12 Q9/W9 21	Ch. 12 Review Q10 22	<b>Exam 1</b> <b>Assignment 1 Due</b> 23	<b>Last Day to Drop</b> <b>with no Grade Recorded</b> 24
Apr May	Ch. 3 <b>Project 1 Assigned</b> W10 27	Ch. 3 Q11/W11 28	Ch. 3 Q12/W12 29	Ch. 3 <b>Chapt. 3 Lab</b> Q13 30	1
May	Ch. 4 Q14/W13 4	Ch. 4 <b>Chapt. 3 Lab Due</b> Q15/W14 5	Ch. 4 <b>Proj. 1 Data Due</b> Q16/W15 6	Ch. 4 <b>Chapt. 4 Lab</b> Q17 7	8
May	Ch. 5 Q18/W16 11	Ch. 5 <b>Chapt. 4 Lab Due</b> Q19/W17 12	Ch. 5 Q20/W18 13	Ch. 5/Ch. 6 Q21/W19 14	<b>Proj 1 Due by</b> <b>12 Noon</b> 15
May	Ch.6 Q22/W20 18	Ch. 6 Q23/W21 19	Ch. 6 Review Q24 20	<b>Exam 2</b> <b>Assignment 2 Due</b> 21	22
May	<b>Memorial Day</b> <b>Holiday</b> <b>No class</b> 25	Ch. 7 W22 26	Ch. 7/Ch. 8 Q25/W23 27	Ch. 8 <b>Chapt. 7 Lab</b> Q26 28	<b>Last Day to Drop</b> <b>with a W</b> 29
Jun	Ch. 8 <b>Project 2 Assigned</b> Q27/W24 1	Ch. 8 <b>Chapt. 7 Lab Due</b> Q28/W25 2	Ch. 9 Q29/W26 3	Ch. 9 Q30/W27 4	5
Jun	Ch. 9 <b>Proj. 2 Art. &amp; Prop. Due</b> Q31/W28 8	Ch. 10 Q32/W29 9	Ch. 10 Q33/W30 10	Ch. 10/Review <b>Proj. 2 Data Due</b> Q34 11	12
Jun	<b>Exam 3</b> <b>Assignment 3 Due</b> 15	Ch. 11 W31 16	Ch. 11 <b>Chapt. 11 Lab</b> 17	Ch. 11 Review for Final 18	<b>Project 2 Due by</b> <b>12 Noon</b> 19
Jun	Review for final <b>Chapt. 11 Lab Due</b> 22	<b>Finals</b> 23	<b>Finals</b> 1:30 Class: 1:45 - 3:45 3:45 Class: 4:00 - 6:00 24	<b>Finals</b> 25	<b>Finals</b> 26

W= Worksheet  
Q = Quiz