



MATH 170 - Elementary Statistics

[Syllabus](#)

[Schedule](#)

Instructor: Professor Kathy Chu

Office: 504N Pray Harrold

Office hours: 1-2PM on Tuesday and Thursday, 3-4PM on Monday and Wednesday, and other times are available by appointment.

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General Education rationale

Statistics can be applied to almost every other field of study. Learning statistics will give students a broad quantitative foundation for further study in specialized disciplines. This course will discuss how quantitative information is generated, summarized, evaluated and interpreted, so that students will develop the habit of thinking clearly and critically about quantitative information in order to determine what information is reliable and which predictions can be trusted. For this reason, MATH 170 will count for the **Quantitative Reasoning** requirement in the General Education program *Education for Participation in the Global Community*.

Very important notice

This course does not automatically count as a QR course for every student who takes it. If you plan to count this course for your QR requirement, it is essential that you check with an advisor to see if it will count for you before taking the course. It is your responsibility to check and follow the rules. No exceptions can be made. For more information go to www.emich.edu/gened

Required textbook and materials:

- FUNDAMENTALS OF STATISTICS (by Michael Sullivan, III) & MML GEN & MYSTAT PK, ISBN 013235523X. Publisher: Prentice Hall. Published on 12/29/2006. Suggested retail price: \$102.67. You can get it from the local book stores or [from myPearsonStore](#)

- TI83 or TI84 graphing calculator

Grading policy:

1. You need to bring the textbook to class every day, because I'll follow the book closely and use a few problems in the text as examples in class. Reading the textbook in advance is highly recommended. In fact, I expect you to spend at least 2 hours reading the book and do the homework every day after the class. There are about 9 chapters to be covered. On average, I'll cover 2 to 3 sections per class. Therefore, you should not expect me to cover in class all of the materials in the book, I'll only give you an overview and spend more time on some difficult ideas instead. You need to read and learn some concepts from the textbook by yourself. Click the [Schedule](#) tab for a tentative schedule.

2. You need to go online at <http://www.coursecompass.com> to enroll in a [CourseCompass/MyMathLab](#) course as soon as possible. Click [here](#) for the detail registration instructions. To enroll in the CourseCompass course, you need the following items:

- An email address
- The course ID: chu05098
- A student Access Code which is contained in the Student Access Kit bundled with the textbook (ISBN 013235523X). The kit includes a card with a pull-back strip that reveals the code. The code can be redeemed only once - at the moment of registration. The kit also contains the instruction in how to register online for CourseCompass and enroll in this course. If you do not have the student Access Kit to enter a student access code, you can use a credit card to register for MyMathLab. Click the [link](#) to purchase online access and follow the on-screen instructions.

4. Homework will be assigned regularly from CourseCompass after each class. Check the coursecompass frequently. Watch out the due date for each assignment.

5. TI-84 is required for this class. You'll learn to use a graphing calculator doing statistics. Instructions for TI-84 are incorporated throughout the textbook. I'll do some demonstration in the class as well.

6. Quizzes will be given every week (mostly on Tuesdays). The problems on the quiz are similar to the problems discussed in the lecture. **No makeups for quizzes.** You may miss 10% of the quizzes without a penalty, same for the homework. There will be three in-class exams. Exams are not cumulative. So, **you'll get a failing grade, if you miss any one of the exams.** They are scheduled tentatively on the following dates:

- Exam #1: October 7.
- Exam #2: November 4 .
- Exam #3: December 15. **9:00** - 10:30 AM

All quizzes and exams are closed book, but an 8.5" x 11" sheet with your own notes will be allowed.

7. Grading scheme:

- Homework: 20%
- Quizzes: 20%
- Each exam: 20%

A	88% to 100%
B	78% to 87%
C	68% to 77%
D	58% to 67%

8. If you have a learning disability or other disability that may affect your ability to do the work in this course, please let me know as soon as possible so that we can make appropriate arrangements. See the link at www.math.emich.edu/access.services.html for information about support services.

9. International students should check the information at www.math.emich.edu/SEVIS.html concerning registration.

10. The Department of Mathematics offers walk-in tutoring in the Math Lab in 218 Pray-Harrod. Please visit the lab early in the term to see the location and hours of operation, and consider going for help early in the term so that you get a good start in this course.

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