

Syllabus Math 203-001

3 hrs. Credit

Dr. Spraker

Day's & Time: MWF 10:20 – 11:15

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Office Hours: M, F - 12:25 – 1:50

T, R - 12:30 – 2:20

Others by appointment or capture.

Welcome to MATH 203, Statistics. Statistics is one of the most applicable fields in mathematics. We will analyze data, fit curves to data, and apply probability to solve real world problems. Statisticians are employed in government, industry, and academia so an understanding of this field can lead to many lucrative careers.

This course is intended primarily for students seeking middle grades certification in mathematics and is not calculus based. It does not count as credit toward a mathematics major or minor but it does satisfy General Education Requirement D – 2. The General Education goal of this course is to provide students with the ability to understand and apply mathematical skills and concepts. After completing Math 203 students will be able to: use fundamental mathematical reasoning principles; use graphical, symbolic, and numeric methods to solve practical problems; and interpret information presented in tables or graphical displays.

We will move quickly, so keep up. Each day I will write homework problems on the board. Do them every night! Call or contact me if you are having problems. I consider office hours as your time and I enjoy talking to students. If that were not the case, I would do something else for a living! I usually spend the first few minutes of each class period discussing the previous night's homework, but I sometimes take it up prior to that without warning. Be ready!

Prerequisite: Math 116 or Math 118 or permission of instructor.

Text: We will cover selected topics from The Basic Practice of Statistics 5th Edition by David Moore.

Technology: You are required to have a graphing calculator. We will possibly use a computer algebra system or software package as well.

Exams: there will be three exams and a comprehensive final. The dates are below:

Exam I: Friday Sept. 18

Exam II: Monday Oct. 19

Exam III: Monday Nov. 23

Final Exam: Monday Dec. 14, 10:30 – 12:30

Exams other than the final may be taken early, but almost never late. If you miss a class or exam you are expected to contact me prior to the next class period to see about making up the work.

Grading Procedure: Your grade will be determined as follows:

Homework	20%	90-100A
Exams	60%	80-89B
Final Exam	20%	70-79C
		60-69D
		Below 60 F

Student Disability Services

Students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services, DUC A-200. Do not request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.

Special Note:

Credit for a course in which a grade of "F" has been received can be earned only by repeating the course in residence unless prior approval is given by the head of the department in which the course was taken.