

MATH0108
Instructor: KVorwerk

Math 108 – Elementary Statistics 3 credits
Karin Vorwerk kvorwerk@wsc.ma.edu.

Course description The goal of this course is to give the students a working set of tools they can use in their respective fields and to develop skills to evaluate statistical work done by others. This course will teach the basic concepts of descriptive and inferential statistics. Expect descriptive stats, confidence intervals, hypothesis testing, experiment design, sample size determination, and regression. While it is important to understand the reasoning behind formulas and techniques used, less time is spent on rigorous mathematical derivation of formulas.

Instructor Dr. Karin Vorwerk

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E-mail kvorwerk@wsc.ma.edu. Please allow 48 hours for me to answer your e-mail, especially on weekends and over breaks.

Office Wilson 413A

Online Support For the first time, this course will be supported through PLATO. Students will have the opportunity to attend online office hours, join discussion groups, view assignments, and take self-assessment tests at their convenience.

Office hours By arrangement

Pre-requisites High school Algebra or equivalent

Text *Essentials of Statistics*, by Mario Triola

Exams There will be five exams and a comprehensive final. Make-up dates only by prior arrangement.

Homework You will be assigned homework on a daily basis. Homework is due the next class period. We will go over homework at the beginning of each session. Please label your work with your name, page numbers, and the date. You may use your homework problems during the exams.

Grading Exams: 60% Final 20% Homework 20%