MATH 0108 - Elementary Statistic (Hybrid)
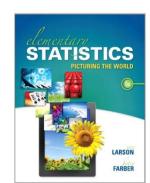
INSTRUCTOR: Brenda Long   blong@westfield.ma.edu

Office hours by appointment

DESCRIPTION: An introduction to basic concepts and techniques of statistics for students needing skills for research techniques in education, business, and the physical, life and social sciences, or simply to understand the mass of statistical information in modern life. Topics include: graphical techniques such as histograms or box plots; measures of location and spread; scatter plots and correlation; sampling and sampling distributions; estimation and statistical inference (confidence intervals and/or hypothesis testing).

REQUIREMENTS: *Elementary Statistics Picturing the World (6th edition)*, by Larson and Farber, TI 83/84, and access to technology. Students should be familiar with Plato and check it frequently

STRUCTURE: This course will meet in person once a week, and the other portion of the course will be online.

EVALUATION:
The grade for this course is based on total points.
- Approximately twelve weekly quizzes (drop the lowest two)
- Two Exams
- Two projects
- Final Exam
- Course Expectations (includes homework and online/classroom participation

HOW TO BE SUCCESSFUL IN THIS COURSE: Not only is attendance required, but so is active participation. You will have ample opportunity to share your work/thinking with the class. Your involvement in discussion adds an important component to your learning and the learning environment. Videos will be assigned weekly as a part of the online component and must be watched to be prepared for classroom practice and discussion. All homework should be completed fully and in a timely fashion is crucial to your success. Keep up with the work and don't fall behind. Please see me if you are having difficulties.

Please note that this is a generic interaction plan and the official course syllabus will be available to you once the course begins. Some things in the final course syllabus may be different. However, the textbook is accurate.