

Syllabus for PMU197: Thinking better with Statistics

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Description:

We explore the impact Statistics has made and continues to make on everyday life through science, law, and the modern methods for information processing. Statistical principles will be illustrated using examples from real life including business, romance and health.

Marking:

- 30% of the mark is based on class participation.
- 30% of the mark is based on 2 in-class quizzes.
- 40% of the mark is based on running and analyzing a final experiment.

Reading:

We will use a number of articles from newspapers, internet, scientific journals to discuss and analyze statistical ideas for every day life. In addition, we will use the following book:

- “OpenIntro Statistics” by David Diez, Mine Çetinkaya-Rundel and Christopher Barr. The book is freely available online at www.openintro.org/book/os/ (click on FREE - Book PDF Best for screen readers)