MATH 141: Introduction to Probability and Statistics

An introduction to the statistical processes of sampling, descriptive statistics, presentation of data, and inferential statistics. Included are elements of probability, discrete and continuous random variables, and the probability basis for hypothesis testing. Specific statistical techniques and concepts include use of the normal distribution, the t-distribution, X^2 distribution, analysis of variance, correlation, and linear regression.

Credits: 3
Prerequisites:
ALEKS Placement Test Score of 46-60 or an SAT mathematics score of at least 530 or an ACT mathematics score of at least 21 or MATH 013 with a grade of C- or higher or permission of the department.
Program: Mathematics
Semester Offered: Fall
Spring