

Course Description:

This non-calculus statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data (describing patterns and departures from patterns), sampling and experimentation: (planning and conducting a study), anticipating patterns: (exploring random phenomena using probability and simulation), and statistical inference (estimating population parameters and testing hypotheses).

Required equipment: 3 ring binder, dividers, paper, and pencils, graphing calculator (TI -84, TI-Nspire, or equivalent.), and home access to a personal computer with internet connection.