

Spaulding High School

Course Title: Statistics

Department: Mathematics

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Department Chair Contact Information: Erin Carter Email: ecartshs@u61.net

Course Description:

The goals of this course are to further the knowledge and usage of statistics regarding organizing and producing data, probability and inference. This course moves quickly and assumes knowledge of Algebra 1, Algebra 2 and Geometry topics and uses a variety of learning methods including explorations, experiments and self-directed study. There is a heavy dependence on the TI-83 graphing calculator. To be successful, Statistics students must complete daily work and read, and listen, and think independently.

Topics/Areas of Study/Units of Study:

- Univariate Data
- Bivariate Data
- Sampling Methods
- Experimental Design
- Probability
- Inference

Materials/Text(s): Students will need to bring the following with them every day:

- Composition Book
- 3-ring binder
- Pencil
- Graphing Calculator: TI 83 or 84

Replacement cost(s): \$120 if a textbook is assigned

Practice:

Students will be given multiple learning opportunities during class and homework almost every night. While these assignments are not assessed, they are highly recommended.

Assessment/Reassessment:

Students will have multiple opportunities to show proficiency on each standard during class time. Additional opportunities are available and may be arranged on a case by case basis outside of class time. There will be limits on how long students can wait before reassessing, and these will be defined during class time. The most recent assessment will be used to indicate a student's level of proficiency.

Students will also be assessed using the schoolwide "Habits of Work" Rubric. This will include respect, effort, and accountability. This will determine eligibility for after school activities.

Classroom Expectations:

- Students will not be allowed to use their cell phones during class
- Please let me know if an absence is planned. It is the student's responsibility to find out what they missed in a timely manner.
- Extra assistance is available before school, after school, and during advisory.

List of Assessed Course Standards:

See attached

I have read and understand the attached syllabus. I know how to contact the teacher and/or access the syllabus in the future should questions arise.

Student's Name: (please print) _____

Student's Signature: _____ Date: _____

Parent's/Guardian's Signature: _____ Date: _____