



LISLE SENIOR HIGH SCHOOL

Advanced Placement Statistics

Department Contact Information

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DEPARTMENT MISSION

The mission of the Lisle mathematics department is to provide students with the mathematical concepts and skills necessary for success in college and the workplace. The instruction, tasks, and assessments are aligned with the Common Core State Standards and mathematical practices. Students will be encouraged to think and to make conjectures while persevering through challenging problems. They will be educated to be critical thinkers and collaborative problem solvers.

COURSE DESCRIPTION

This class is designed to mirror an introductory college level statistics course that many of our students will be required to take. The students will explore and understand data, explore relationships between variables, gather data, understand probability, and use data to understand the world. The course is a capstone of skills previously learned in Geometry and Algebra II/Trig. A graphing calculator is required for the course and other statistical technologies will be used.

COURSE LEARNING STANDARDS

Students will explore data through describing patterns, constructing and interpreting graphical displays of distributions of univariate data, and summarizing distributions of univariate data. They will learn to sample and experiment while planning and conducting a study. Students will explore random phenomena using probability and simulation while anticipating patterns. Students will finally use statistical inference to estimate population parameters and test hypotheses.

COURSE GRADING POLICY

Course Grade

90% - Summative

10% - Formative

Overall Semester Grade

80% - Course Grade

20% - Semester Exam





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Grading Scale									
100-90	A	89-80	B	79-70	C	69-60	D	59-50	F

LATE WORK POLICY

Late work is accepted up until the unit assessment. The student shall receive no more than 50% credit for submitting late work.

COMMUNICATION WITH COURSE TEACHER(S)

Communication is vitally important. Teachers make every effort to respond to emails within 48 hours during the work week. If you have not received a response within 48 hours please resend your email and/or call their voicemail.

OTHER SUPPORT

Students should come in before or after school to get help from their teacher. The Learning Lions Resource Center in the library is available after school on Monday, Tuesday, and Thursday. Parents should actively monitor your student's grade on PowerSchool. Please talk to your child about their school work. Check with your individual teacher to learn more about classroom procedures and schedules.

