



LISLE SENIOR HIGH SCHOOL

Probability/Statistics

Department Contact Information

Teacher	Email	Phone Number
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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 course uses concepts learned in classes up to and including Algebra II. We will cover topics such as exploring and understanding data, variable relationships, proper data collection methods, randomness, and applications to the world at large. This course is intended to introduce students to college level probability and statistics concepts that will be covered in a variety of majors. A TI-84 graphing calculator is required for this course.

COURSE LEARNING STANDARDS

Students will:

Summarize, represent, and interpret data on a single count or measurement variable and two categorical quantitative variables, interpret linear models, understand and evaluate random processes underlying statistical experiments, make inferences and justify conclusions from sample surveys, experiments, and observational studies, understand independence and conditional probability and use them to interpret data, use the rules of probability to compute probabilities of compound events, calculate expected values and use them to solve problems, and use probability to evaluate outcomes of decisions.





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COURSE GRADING POLICY

Course Grade

85% - Summative Assessment

15% - Formative Assessment

Final Semester Grade

80% - Course Grade

20% - Semester Exam

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 Center in the library is available before or after school or during their study hall period. This service is available 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.

