

Metropolitan School District Of Lawrence Township
Lawrence North High School
7802 N. Hague Road
Indianapolis, Indiana 46256

COURSE INFORMATION GUIDE

AP/ACP Statistics
(1st Semester)

COURSE DESCRIPTION

AP Statistics is designed to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students who successfully complete the course and AP examination may receive credit, advanced placement, or both for a one-semester introductory college statistics course. College credit for the course (K300) may also be earned through the Advance College Project in affiliation with Indiana University.

GENERAL COURSE GOALS

- Explore, organize and describe data using graphs and numerical summaries
- Explore methods for producing data that can give clear answers to specific questions
- Use probability to describe chance, variation and risk to separate reality from background noise
- Draw conclusions about a wider universe while realizing that variation is everywhere and that conclusions are uncertain

UNITS

- Exploring Data
- The Normal Distributions
- Examining Relationships
- More on Two-Variable Data
- Producing Data
- Probability: The Study of Randomness
- Random Variables
- The Binomial and Geometric Distributions

TEXT

The Practice of Statistics by Yates, Moore and Starnes

MATERIALS NEEDED

- TI-84/89 Graphing Calculator (may be rented for \$15/semester)
- Binder (1"-1.5") with dividers

GRADING SCALE*

A	90 – 100%
B	80 – 89
C	70 – 79
D	60 – 69
F	<60%

* This is a *weighted course*

EVALUATIONS USED TO DETERMINE GRADES

9-WEEK GRADES

10% Assignment *Quizzes*/Online Quizzes*
90% Tests

*Online Quizzes are to be taken anytime before the day of a test

SEMESTER GRADES

These will be determined by the (weighted) **percentile average** of your two 9-week grades and Final Exam grade.

CLASSROOM RULES

- Follow directions the first time they are given
- Raise your hand and wait to be called on to speak
- Keep hands, feet and objects to yourself

MAKE-UP WORK

If no new material was covered prior to a quiz or test, you are expected to make-up the evaluation on the **first** day you return from an absence; otherwise, quizzes and tests will be made-up at a mutually convenient time for you and me.

WEBSITE INFORMATION

You can access your grade, assignments and/or worksheets at:

www.frankumstein.com

Textbook website (see p. viii):

www.whfreeman.com/yates2e

Register as a student (left-hand side)

Instructor's e-mail: dfrankum@msdlt.k12.in.us

You should also register as a student at:

www.APCentral.collegeboard.com