

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
- Modeling Distributions of Data
- Describing Relationships
- Designing Studies
- Probability
- Random Variables
- Sampling Distributions

### **TEXT**

**The Practice of Statistics** (Fourth Edition) by Yates, Moore and Starnes

Online version available with Access Code (provided in class)

### **MATERIALS NEEDED**

- TI-83/84/89 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% Assignments (checked for *honest* effort or graded for accuracy) and Notes  
Quizzes

90% Tests

### **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](http://www.frankumstein.com)

Textbook website

[www.highschool.bfwpub.com/launchpad/tps4e/3723205](http://www.highschool.bfwpub.com/launchpad/tps4e/3723205)

You should also register as a student at:

[www.APCentral.collegeboard.com](http://www.APCentral.collegeboard.com)