

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

## **COURSE INFORMATION GUIDE**

AP/ACP Statistics  
(2nd 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**

- Sampling Distributions
- Introduction to Inference
- Inference for Distributions
- Inference for Proportions
- Inference for Tables: Chi Square Procedures
- Inference for Regression
- Preparing for the AP Exam
- ANOVA

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

Textbook website (see p. viii):

[www.whfreeman.com/yates2e](http://www.whfreeman.com/yates2e)

Register as a student (left-hand side)

Instructor's e-mail: [dfrankum@msdlt.k12.in.us](mailto:dfrankum@msdlt.k12.in.us)

You should also register as a student at:

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