

COURSE SYLLABUS – AP STATISTICS MR. McLAUGHLIN

This course is intended to prepare students to successfully complete the AP Statistics exam. The course will focus on the four main themes of Statistics as prescribed by the College Board: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference. Later in the course, more emphasis will be placed on strategies, preparation, and evaluation of practice AP exams.

CLASSROOM RULES:

"This classroom is a community of active learners"

For this community to function efficiently and effectively, certain rules need to be followed in the classroom. There are positives for following these rules, as well as consequences when they are broken.

General Classroom Rules

- 1) Follow directions.
- 2) Be seated, prepared, and ready to learn when class begins.
- 3) Be respectful of the class, classroom, and classmates.
- 4) No food, drink, or distracting electronic devices in class

Positives

- 1) Thank you/My appreciation
- 2) Extra daily points
- 3) Excused missing/low assignment
- 4) Positive parent contact

Consequences

- 1) Verbal warning
- 2) Time after class/behavior discussion
- 3) Detention/Parent contact
- 4) Visit with Administrator

ATTENDANCE:

- Arriving in class after the bell rings, without teacher approval, is considered tardy. If you are more than 10 minutes late to class, it is considered an absence. If you do not arrive at all in class, you are considered absent.
- Students who accumulate more than 10 absences within an 18 week semester will not receive credit for any classes in which they exceed 10 absences. Absences cannot be made up; however, work may be made up for excused absences.
- Work from an unexcused absence cannot be made up.
- A student who has three (3) tardies will have their grade dropped one grade level... This will affect the grade in multiples of 3 tardies" (Policy 1).
- As a general rule, the number of consecutive days absent will result in that many days flexibility to turn in missed assignments, quizzes, or tests. If any work is not made up within that time frame, a zero will be recorded for that work.

It is the student's responsibility to make up missed notes and work.

"An absence results in up to 80 minutes of lost learning. I therefore encourage you to miss a class only when absolutely, positively, necessary. I realize that there are times when it impossible to avoid an absence for various reasons. I am very accommodating to these types of absences, provided you put forth a great effort to learn what you missed."

GRADING:

Daily Points: 5%

As students in this class, you are expected to come to class with appropriate materials, on time, and prepared to learn mathematics every day. Also included in the grading criteria are appropriate behavior and involvement in class activities. Students may earn up to five points each day. Absent students will receive zero points. Points lost due to excused absences can be regained after appropriate make up.

Assignments: 25%

Homework – Depending on the particular tasks assigned, homework will be graded in one of two ways. Some days the assignment will be visually checked for completion while other students are sharing their answers. Other days the assignment will be collected and examined more critically. To get full credit in either instance, make sure all work is shown and responses are written in the context of the problem. Thoroughness of answers is just as important as correctness.

Group Work – In Class Activities – An essential part of AP Statistics is actively learning the material and working as a team at times. Some in-class activities are difficult or impossible to make-up individually. Any products or these activities are considered assignments.

Reading – Reading is an essential and important part of this class. To ensure that you are doing the reading, some specific questions may be asked about the reading. If you have done the assigned reading, these questions should be easy to complete. The additional part may be a question directly from an assignment and just recreating the answer.

Projects - Projects are long term assignments to be worked on over an extended period of time. They will be an in-depth look at concepts of a particular chapter or “part”. Projects must be typed and look professional.

All assignments must be completed on time for credit. Late work is not accepted!!

Tests/Quizzes: 70%

For this class, formal assessments will be grouped into one category. Quizzes will consist of between 2-5 questions similar to homework problems and be worth 20 points and generally cover one entire chapter, depending on the chapter’s length. Tests will occur at the end of each Part of the text, be graded on an 80 point scale, and will have more of an AP Exam feel to them. AP practice exams also are included in this category.

Missed tests or quizzes can only be made up before or after school.

Final Grade

The following scale, using the five criteria areas listed above, will determine a student’s final grade

A (100 - 93) , A- (92 - 90) , B+ (89 - 87) , B (86 - 83) , B- (82 - 80)

C+ (79 - 77) , C (76 - 73) , C- (72 - 70) , D+ (69 - 67) , D (66 - 63) F (62 - 0)

Current grades will be updated weekly, usually on Monday, so that you know where you stand. Progress Reports will be sent home periodically (about every fourth Monday) and must be signed and returned for Assignment credit: Dates sent home will be relative to where we are in the curriculum. Weeks when progress reports are not sent home, updated grades are available through Family Access

MATERIALS:

A graphing calculator is required for this class. A Texas Instruments graphing calculator is preferred and the TI-83/84 will be referred to often. The TI-83/84 has a much more user friendly data interface used tremendously in this class. If you wish to use a TI-89 or other calculator, you will need to have the manual with you quite often!

Organization and good note taking is a must in this class. You will be writing a great deal as part of your assignments, and you will want to have easy access to some reference materials. I suggest a three-ring binder with filler paper, but your method is up to you. Anything that is returned or handed out will be 3-hole punched to facilitate this organization. Your notes and assignments should be written with great care and easy to read. The notation used in this class can easily mean a different idea if written only slightly incorrectly (sloppy!). Much of your work will be a description of findings or process, and will need to be easy to read and understand.

Be careful and take pride in your work!

CHEATING:

This will be the only time that the issue of cheating will be formally addressed. ***Cheating in any form will not be tolerated.*** Cheating includes, but is not limited to looking at, pretending to look at, or trying to look at someone else's paper or notes; allowing someone to look at your materials; or talking (about anything!) while quizzes, or tests are being taken. Claiming someone else's work as your own or providing someone else with work to claim as their own is also considered cheating. **Don't risk it!!! The result of cheating on any assignment, quiz, or test will result in a zero with no chance for a makeup. Additionally, the school policies on cheating will be followed.**

WEBSITE and EXTRA HELP:

A website devoted to this class will be up and running soon, providing assignments, notes, and other information. You may access this site through the CHS home page or

Website: www.chs.riverview.wednet.edu/math/McL/stats.htm

We also use remind.com for assignment and some other reminders. For AP Stats the login is posted in class or

Remind.com signup: @mclstats6

You are always welcome and encouraged to come in outside of class time when you feel like you need assistance. I will almost always be here a half-hour before school, a half-hour after school, and during advisory. I will also check my email about 6:00 pm each night if you have questions about current assignments or material that are easy to answer.

Email: mclaughlind@riverview.wednet.edu

AP EXAM:

The AP Statistics exam will be administered on Thursday, May 12, 2016 at 12pm. A fee for the exam is to be paid sometime in February. More information will be provided by our AP Coordinator as those deadlines become closer. As stated in the CHS course guide, you are required to take the AP exam to earn credit for this course.

SYLLABUS SIGNATURE SHEET

(STUDENT SECTION)

I have read and understand Mr. McLaughlin's classroom rules and policies.

Student signature _____

PLEASE READ ENTIRE SYLLABUS BEFORE SIGNING ON THIS LINE

Student name (Print) _____

- 1) What was your last math class? What was your letter grade?
- 2) What other AP classes are you currently enrolled?
- 3) What are your future plans for math courses (high school and/or college)?
- 4) Anything else that you feel I should know?

(PARENT/GUARDIAN SECTION)

I have read and understand Mr. McLaughlin's classroom rules and policies.

Parent/Guardian Sign. _____

PLEASE READ ENTIRE SYLLABUS BEFORE SIGNING ON THIS LINE

Parent/Guardian name (Print) _____

Convenient contact phone number _____

Convenient Parent/Guardian E-mail?? _____

(This is my preferred method of contact if available)

If you have any questions on this syllabus, course, or just in general, please do not hesitate to contact me at Cedarcrest at 844-4831 or mclaughlind@riverview.wednet.edu

Please sign and return this page by Friday, September 4, 2015