

AP STATISTICS

Joelle Irish

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Textbook: The Practice of Statistics (5th Ed.) Starnes, Tabor, Yates, Moore

Google Classroom: no7h16i
(classroom.google.com)

Wake Forest High School
420 W. Stadium Drive, Wake Forest, NC 27587
(919) 554-8611
www.wcpss.net/wakeforesth

Remind: @apstats19f
(Text code to 81010)

Tutoring: Wednesdays 2:15 – 3:15

Prerequisites: *NC Math 3 (preferably Honors), Pre-Calculus or AFM, Previous experience with computer use, an attitude and set of behaviors that reflects valuing of scholarship and understanding*

Course Description: *AP Statistics is equivalent to a one semester, introductory, non-calculus based, college course in statistics. This course will introduce participants to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Participants are exposed to four broad conceptual themes*

1. *Exploring Data: Observing patterns and departures from patterns*
2. *Planning a Study: Deciding what and how to measure*
3. *Anticipating Patterns in Advance: Producing models using probability and simulation*
4. *Statistical Inference: Confirming Models*

Student Supplies:

Graphing Calculator (TI-84 preferred)
Binder (10 dividers suggested)
Paper & Graph Paper
Colored Pencils/markers
Pencils
Composition Notebook

Classroom Supplies:

Copy Paper (White or Color)
Tissues

Grading:

Homework – 10%
Classwork/Quizzes – 40%
Tests and Projects – 50%

Schedule of Topics:

Chapters 1 through 12 will be covered. It is anticipated that the material will be covered by the AP Exam in May. The remaining days of the semester will be filled with reviewing and studying for the final exam as well as completing a course project.

Chapters 1 – 2: Exploring Data; Modeling Distributions of Data

Chapters 3 – 4: Describing Relationships; Designing Studies

Chapters 5 – 6: Probability – What are the odds?; Random Variables

Chapters 7 – 8: Sampling Distributions; Estimating with Confidence

Chapters 9 – 10: Testing a Claim; Comparing Two Populations or Groups

Chapters 11 – 12: Inference for Distributions of Categorical Data; More about Regression

WHAT SHOULD I DO IN THIS CLASS?	WHAT SHOULD I NOT DO IN THIS CLASS?
✓ Ask questions!	➤ Memorize facts and avoid focusing on understanding or meaning...
✓ Be an active participant in class discussions	➤ Do not ask questions...
✓ Do all assigned problems before class and be prepared with questions	➤ Do not read more than you have to...
✓ Read the textbook!	➤ Do not do problems that are not collected for a grade...
✓ Take care of make-up work promptly.	➤ Be a procrastinator when it comes to projects...

****Special Requirements****

Every student is expected to read the material prior to the class meeting. Assignments will be made from the test and other sources and will be checked for completeness. IT is essential that these assignments be completed to gain a thorough understanding of the material. Students will also be given homework assignments per chapter to be graded for correctness.

It is the responsibility of each student to mean **deadlines**. An absence does not relieve the student from meeting deadlines. Assignments are posted in advance of the unit. Therefore, there is NO EXCUSE for not being prepared for the class regardless of the absence. It is also expected that every student participates in class. Asking questions until understanding is reached is an integral part of the learning process.

If you miss a test review day, understand you will still be required to sit for the test on the day it is assigned.

Please monitor your grades on Power School continually throughout the semester. Grades will be posted as soon as possible, weekly at a minimum.

This is a college-level course and will be conducted as such. Students are expected to be highly motivated and thus will experience success. Students are encouraged to email the teacher or drop by before or after school to discuss topics for which they need clarification.

Academic Integrity

In accordance with Wake County Board of Education Code of Student Conduct (Policy Code 4310) regarding academic integrity, Wake Forest High School follows the guidelines outlined in the *2019-2020 Wake Forest High School Student Handbook* on pages 8-9. A copy of the handbook is linked to the WFHS website under "Student Expectations." Please note that offenses are cumulative for the duration of the student's enrollment at Wake Forest High School. Students are encouraged to review and practice these standards.

Bring Your Own Device (BYOD)

Cell phones and other electronic devices should be turned off and put away during instruction and classroom practice. If there are times when usage is required, it will be made clear as to usage guidelines. Otherwise, cell phones, earbuds, etc. should be out of sight.

Please read through the first few pages of the Course Outline Packet posted on Google Classroom.

I look forward to this upcoming semester. Please feel free to contact me if you have any questions or concerns. The best way to reach me is by email (jirish@wcpss.net) or you can contact the school and leave me a message at 919.554.8611

AP Statistics Student Information Sheet

Fall 2019

I am looking forward to working with each of you to ensure that you have a successful learning experience in AP Statistics this semester.

Please fill out the following information and return by Friday 08/30/2019

Class Period (Circle One) 1 2 3 4

Student Name (please PRINT) _____

Parent/Guardian Name (please PRINT) _____

Email Address: _____

Phone Number: _____

(Please check next to your preferred method(s) of contact.)

Parent/Guardian Name (please PRINT) _____

Email Address: _____

Phone Number: _____

(Please check next to your preferred method(s) of contact.)

Other Information/Concerns/Questions:

STUDENTS: I have read the syllabus and expectations. I understand and will honor it while in Mrs. Irish's class.

Print Name: _____ Signature: _____ Date: _____

PARENTS: I have read and discussed the syllabus and expectations with my child. I understand and will support it.

Print Name: _____ Signature: _____ Date: _____