

Innovation Academy

Curriculum Night Lauren Pitrak

AP Statistics
pitrakl@fultonschools.org



About me!

- This is my third year at Innovation Academy.
- This year I am teaching AP Statistics and working in the Phoenix Academic Center tutoring lab.
- I grew up in Upstate New York and then went to college at Northwestern University outside of Chicago.
- I have over 10 years teaching experience across 3 states. (With a large gap taken while I stayed home with my children).
- My kids are now in 9th grade, 12th grade and a college Sophomore. The younger two go to Roswell High School and my daughter is at Ole Miss.
- My hobbies include attending sporting events, cooking, and reading.



AP Statistics Curriculum- Major Revisions for this year!

Statistical Practices

Practice 1

Formulate Questions **1**

Determine an investigative question for a statistical study.

Practice 2

Collect Data **2**

Identify and justify methods for collecting data and conducting statistical inference.

Practice 3

Analyze Data **3**

Construct representations of data and calculate numerical statistical outputs.

Practice 4

Interpret Results **4**

Interpret results and justify conclusions and methods.

SKILLS

We will cover Units 1,5 and 2 in the first semester and Units 3-4 in the second semester.

Units

Unit 1: Exploring One-Variable Data and Collecting Data

Unit 2: Probability, Random Variables, and Probability Distributions

Unit 3: Inference for Categorical Data: Proportions

Unit 4: Inference for Quantitative Data: Means

Unit 5: Regression Analysis

Exam Weighting

20–30%



Grading

Major - 55%

- Can be recovered up to a 75 (one attempt at recovery).
- Must recover before the next major assessment or within two weeks of getting the assessment back (whichever allows more time).

Minor – 35%

- Can be replaced w/ an improved test score in the same unit up to 75.

Practice – 10%

- Homework is assigned in BFW or AP Classroom and graded at various checkpoints throughout the unit.
- Late Homework will only be accepted until one day after the Unit Test (10 point deduction for late work).



Expectations

- Take notes and actively participate in class
- Do homework NIGHTLY
- Ask questions when you have them and come in for extra help when needed
- A graphing calculator is required for this course; one can be checked out by your student in the eXchange to use for the school year
- Think critically
- Have fun 😊



**Tutoring
Center open
during both
lunch periods
every day!**



FCS INNOVATION ACADEMY

**PHOENIX
ACADEMIC
CENTER**

Room 382/384

**OPEN 4TH AND 5TH PERIOD
EVERY DAY**

**TUTORING PROVIDED BY MS. PITRAK, MS. ROSS
AND STUDENT VOLUNTEER TUTORS**

**OFFERING SUBJECT AREA HELP, TEST AND QUIZ
PREPARATION, AND ORGANIZATIONAL SKILLS
COACHING.**

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Thank you!
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