

AP STATISTICS with Mrs. Johnson



Thinking about a fourth year math course and not sure what to take? Here's why you should enroll in AP Stats....

- AP Statistics offers a broad range of applicable future careers since many careers need to understand results of surveys/ research studies. In fact, nearly every graduate degree will require the understanding of statistics and the AP Stats course covers the main topics required by those research theses.
- It is less focused on remembering facts from previous math courses.
- If you can make the tables and graphs from middle school math, you already have the basics of the first chapter of AP Statistics.
- AP Statistics is FUN!!!

Why is Statistics Important?

Weather Forecasts, Emergency Preparedness, Predicting Disease, Medical Studies, Genetics, Political Campaigns, Insurance, Consumer Goods, Quality Testing, Stock Market

About the Course:

Learn about the major concepts and tools used for collecting, analyzing, and drawing conclusions from data. You'll explore statistics through discussion and activities, and you'll design surveys and experiments. **AP Statistics** can prepare students for dozens of

college majors beyond **statistics**, including criminal justice, aerospace engineering and environmental studies, just to name a few.

Skills you'll learn:

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| • Selecting methods for collecting or analyzing data |
| • Describing patterns, trends, associations, and relationships in data |
| • Using probability and simulation to describe probability distributions and define uncertainty in statistical inference |
| • Using statistical reasoning to draw appropriate conclusions and justify claims |

Class Expectations and Course Materials:

<u>Rules</u>	<u>Materials</u>
<ol style="list-style-type: none"> 1. Be on Time/Present to Online Class Meetings 2. Bring Materials 3. Stay on Task 4. Keep distractions limited...No Cell Phones, Electronic Devices other than your TI 83/84 5. Respect Yourself and Others 6. Keep microphone muted unless to speak 	<ol style="list-style-type: none"> a. Covered Textbook b. Notebook c. Sharpened Pencils with Erasers d. Graphing Calculator TI-83/TI-84 (available for check out in Library)

Course Grading:

Assessment will be as follows to mirror AP exam scoring:

Grading Scale: A-5pts 90-100% B-4pts 80-89% C -3pts 70-79% D-2pt 60-69% F -1pt 0-59%	Your grade will be weighted as follows: 75% Formative/Summative Assessments 25% Homework, Classwork
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How do I Sign up?

Contact your counselor via phone or email.

- A-Frantz (10th-12th) & C.H.O.M.P.--[Annette Allen](#), ext. 3713, A-CI (Gen. Ed-9th, A-C (Sped. Ed.-9th)
- Fraz-Mallo (10th-12th) & L.J.P.S.--[Lucia Gibbs](#), ext. 3411, Contr-Go (Gen. Ed. 9th), D-G (Sped. Ed. 9th)
- Manz-Pavon (10th-12th) & A.V.I.D.--[Sandra Gonzales](#), ext. 3725, O-Rom (Gen. Ed-9th), H-Rod (Sped. Ed.-9th)
- Payne-Z (10th-12th)--[Rigo Aragon](#), ext. 3711, Ru-Z (Gen. Ed.-9th), Romero-Z (Sped. Ed.-9th)
- Gr-Perez (Gen. Ed. only 9th),--[Gail Heisel](#), ext. 3714, Spe. Ed. (10th-12th All students)
- Intervention Counselor 9th & 10th (A-Mar)--[Kaishauna Johnson](#), ext. 3715, Intervention Counselor 9th & 10th (Men-Z)--[Todd Pollara](#), ext. 3734