

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

**Course Grading:**

**Assessment will be as follows to mirror AP exam scoring:**

<b>Grading Scale:</b> A-5pts 90-100% B-4pts 80-89% C -3pts 70-79% D-2pt 60-69% F -1pt 0-59%	<b>Your grade will be weighted as follows:</b>  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