

## ECE/AP Statistics Summer Packet

Welcome! This course is unlike any other that you have taken at Daniel Hand High School. To help prepare you with the important background knowledge, you are expected to complete this work during the summer. We will begin on day 1 with Unit 1 of the course. To complete the curriculum we move VERY quickly and any prep work you do to be ready for Unit 1 will be very helpful. Use stattrek (<https://stattrek.com/tutorials/ap-statistics-tutorial>) and Get Ready for AP Statistics (<https://www.khanacademy.org/math/get-ready-for-ap-statistics>) focusing on specific parts of Unit 1 and 2 to learn about the terms and representations below. Define and draw sketches (where applicable) in your Statistics notebook.

Terms you should know:

- Variables (categorical vs quantitative)
- Univariate data
- Bivariate data
- Population
- Sample
- Two-way table
- Unimodal
- Bimodal distribution
- Unimodal distribution
- Frequency table

Graphical representation

- Boxplot
- Dotplot
- Histogram
- Stemplot
- Bar graph/chart

We look forward to seeing you in August. If you have any questions please reach out to Mrs. Justice, the department coordinator, at [justice.christine@madisonps.org](mailto:justice.christine@madisonps.org).