

CP Functions, Statistics, and Trigonometry

Class and Contact Information



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Room Number: 30



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Materials Required:

- Binder
- Loose Leaf (lined & graph)
- Pencils
- Pens
- TI-Nspire Calculator
- Chromebook & Charger

The Eight Standards for Mathematical Practice

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

Topics of Study

First Semester	Second Semester
<p><u>Unit 1</u>: Exploring Data</p> <p><u>Unit 2</u>: Modeling Distributions of Data</p> <p><u>Unit 3</u>: Describing Relationships</p> <p><u>Unit 4</u>: Sampling Distributions / Estimating with Confidence</p> <p><u>Unit 5</u>: Solving Equations</p>	<p><u>Unit 6</u>: Polynomial & Rational Functions</p> <p><u>Unit 7</u>: Exponential & Logarithmic Functions</p> <p><u>Unit 8</u>: Circular Trigonometry</p> <p><u>Unit 9</u>: Trigonometric Functions</p> <p><u>Unit 10</u>: Series, Sequences, Probability</p>

NOTE:

This list of topics may change in order and in content during the year to best meet the needs of the class.

Grading:

Students will be evaluated using a **variety of assessment techniques**, falling into formative or summative assessment categories.

Criteria	Description
Homework	Homework does not count toward your final grade calculation in CP FST. Homework is given as practice for students to grow, learn, and ask questions.
Formative Assessments	Formative assessments are graded progress checks and quizzes given during class or take-home. These are low-stakes checks to inform teachers, students, and families about progress towards a goal.
Summative Assessments	Summative assessments are graded unit tests that make up most of your final grade calculation in the course. This could be an in-class test or a performance task.
Final Exam	The final exam will include any material from the current semester.

Homework:

- Homework will be assigned **most class meetings**
- Homework will be recorded but will not count toward the final grade.
- Missing homework will not be collected after the unit test.

Absences From Class:

- If a student misses a class, it is **their own responsibility** to check the online syllabus. Notes, activities, and assignments are posted. Take notes in your notebook and try the practice.
- If a student needs help after completing the above, communicate with the teacher to form a plan.

What other expectations are there?

- Be on Time! 3 tardies = 1 detention
- Cell phones: Out of sight out of mind!
- Mask up! No food or drink in classrooms.
- Help me help you! Reach out the first time you need help.