

ROOSEVELT HIGH SCHOOL

2019-2020 Course Syllabus

College Prep Algebra and Statistics (CPAS) Course

Mr. Voeks, Mr. Savstrom & Mr. McComas-Bussa

Email: ryan.voeks@mpls.k12.mn.us

Voice-Mail: (612) 668-8104

Room 303

Email: steven.savstrom@mpls.k12.mn.us

Voice-Mail: (612) 692-1040

Room 337

Email: james.bussa@mpls.k12.mn.us

Voice-Mail: (612) 668-7503

Room 315

Welcome to CPAS!

This course covers a variety of algebra, geometry, and statistics topics. The content aligns to the Minnesota State Mathematics Standards and the College Board exams (ACT or SAT). This class will give seniors a chance to make up math credits from previous years and it will be treated like other math classes.

Course Objectives

By the end of the year, students will:

- Understand and be able to use the language, symbols and notation of mathematics
- Become confident in using mathematics to analyze and solve problems
- Develop abstract, logical and critical thinking and the ability to reflect critically upon their work and the work of others
- Effectively work independently, within small and large groups
- Identify and utilize a variety of learning strategies & then identify how you learn best
- Demonstrate effective organizational skills and strategies

In addition, the following topics will be addressed:

- Proportions, Measurement & Basic Standards
- Statistics
- Probability
- Personal finance
- College Readiness Skills (ACT, SAT, Accuplacer, etc.)
- Linear Algebra and Advanced Algebra concepts
- Geometry Review & Right-triangle trigonometry

Grading System

Your grade will mainly be based on your mastery of the state math standards. We will work on these standards in class. You will also have opportunities to practice them and you will be assessed with a quiz, a test, or a project. If you do not show mastery of a set of standards, you will need to practice more (with help from me or any math teacher or tutor) and then you can **redo** the assessment with me or another math teacher within two weeks of the initial assessment.

Your grade for this class will be based on a point system. You will earn points in the following categories (percentages are the weight of each category):

Summative Assessments: 80%

Formative Assessments:

20%

Grading Scheme:

Grades will be assigned according to the following scale:

80% and above - A	56%-61.99% ----- B-	32%-37.99% ----- D+
74%-79.99% ----- A-	50%-55.99% ----- C+	26%-31.99% ----- D
68%-73.99% ----- B+	44%-49.99% ----- C	20%-25.99% ----- D-
62%-67.99% ----- B	38%-43.99% ----- C-	Below 20% results in a failing grade

Summative Assessments (Tests/Projects) will be graded on an 8 point scale according to the Roosevelt Building policy:

Score	Descriptor:
8	Perfect score. Produces high-quality work that frequently uses mathematics insightfully.
7	Produces high-quality work that frequently uses mathematics insightfully.
6	Produces high-quality, occasionally insightful mathematical work.
5	Produces generally high-quality mathematical work.

Score	Descriptor:
4	Produces good-quality mathematical work.
3	Produces mathematical work of an acceptable quality.
2	Produces mathematical work of limited quality.
1	Produces work of a very limited quality.
0	Produces work that does not meet any of the above criteria.

Grades are updated every weekend. If you would like your current grade, check the table folder or the student portal each Monday.

Practice is given daily

CPAS is a demanding course and it requires that practice be completed on the day assigned. Most days there will be time in class (where I can assist) to complete the practice if a student makes good use of their time. Practice not finished in class will become homework. Practice is the foundation of studying mathematics. In this category, you will earn credit for your participation in activities, warm-ups, classwork, and homework. Work in this category is graded based on effort and completeness, not correctness. This is a place to make mistakes and learn from them! On your Formative (Practice) Work you will see a score from 0 – 2:

2 = Completely done on time (100%) **1** = Partly done and/or not on time (50%) **0** = Not done (0%)

Absences/Make-Up Policy

It is the students' responsibility to find out what they have missed while absent and to make-up that work within 2 days of their return. No extra credit will be allowed until regular assignments and tests have been completed. I will not accept late work, after the chapter/unit is completed.

Tardy Policy

Students are expected to be on time for class. You are considered tardy if you are not in the room after I close the door when the bell rings. Excessive tardiness (more than 3) can result in further consequences according to the Roosevelt Policy.

Extra Help

Students are encouraged to attend our afterschool Math Help sessions located in Room 321. There will be at least two math teachers available for help everyday (Tues. – Thurs.) from 3:00 – 3:45pm.

Other Behavior Expectations

DO NOT bring food or drink to class (except water) according to the Roosevelt building policy.

The Roosevelt electronics/cell phone policy will be strictly enforced.