

Pre-Calculus HADV Course Syllabus 2021

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Room #: N220

Tutorials: Mon-Thurs – 2nd Half of Lunch
[Lesson Plans](#)

Resources and Materials:

- Textbooks: Online textbook
- TI-84 or TI-84+ Graphing Calculator *or Wabbit on your computer or Desmos.com*
- **Organized** binder including the following sections: Notes, Homework, Quizzes

Course Description/Objectives:

- Overview: Pre-Calculus is a preparatory course for Calculus with an emphasis on the study of functions and their relationships
- Content: Linear, Polynomial, Rational and Transcendental (Exponential, Logarithmic and Trigonometric) Functions and their relationships, Conics, Parametric Equations, Polar Coordinates, Matrices, Sequences and Series, Probability, Statistics, Limits
- Instructional methods: lecture, discovery, and group work
- Goals: critical reading, analytical thinking, creative synthesis and problem-solving, and attention to detail regarding all Pre-Calculus topics
- Objective: preparation for college options as well as correct placement in the AP Calculus course for which you are best suited next year, if applicable
- Major work: Homework, Quizzes, Exams

Course Calendar/Schedule:

- Assignments are due the following class period unless otherwise indicated by the teacher.

Delta Math:

- Most assignments and assessments will be done through Delta Math. Click on the following link to join your classes Delta Math course:
 - 5th Period: [Delta Math Class Link](#)
 - 6th Period: [Delta Math Class Link](#)

Course Policies:

- Attendance:
 - This is crucial to be successful in the course. If you miss any days make sure to look at completed in notes in OneNote so you don't get too far behind
 - Please let me know via Teams (or email) chat that you will be missing days if you know so in advance
- Class Participation:
 - You will regularly present work on the board and work cooperatively with your peers
- Make-ups:
 - Must talk to me personally about make up work.
- Cheating:
 - If you cannot explain your work that you bring to class, it will be clear that you did not do your work yourself.
 - If you discuss any part of a quiz or test with a peer who has not yet taken it, you are cheating.
 - Other examples of cheating include, but are not limited to copying someone's homework or in-class assignments, copying answers from the internet, using a pencil when we are checking work, letting someone else copy your work, having someone else's homework paper, using a cheat sheet for a quiz or test, etc.
 - Trust is very difficult to rebuild. Please do not put yourself in this position. No grade is worth it.

- Expected Behavior:
 - No cell phones out in class if I ask you to put them away. No cell phones out during quizzes and exams
 - Respect for instructor, peers, and yourself
 - Honesty, integrity, exemplary character
 - Participation in classroom activities
 - Present and on time to class with all necessary supplies
 - Attendance at tutorials at designated times when you need help

- Unacceptable Behavior:
 - Profanity (verbal, physical, symbolic, or written)
 - Cheating in any form (including copying homework)
 - Disrespect or general surliness
 - Sleeping (unless if you have completed the assignment)
 - Incomplete or non-existent homework assignments
 - Absence from class
- Grade Calculations:
 - Six Weeks Average:
 - Homework/Classwork/Quizzes 30%
 - Major (Exams/projects) 70%