

COURSE EXPECTATIONS

Cape Henry Collegiate

2018-2019

COURSE: Calculus

TEACHER: Susana Wong

CONTACT INFORMATION: Room Number: L-5
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CLASS WEBSITE: www.MathTheWongWay.weebly.com



REQUIRED TEXT: *Finney, Demana, Waits, and Kennedy. Calculus - Graphical, Numerical, Algebraic.* 4th Edition. (Pearson Prentice Hall Publishing Company, 2011)

COURSE PRE-REQUISITE: Successful completion of Precalculus.

Course Description

The Calculus course will introduce the student to the fundamentals of both differential and integral calculus, and, through a study of The Fundamental Theorem of Calculus, will show the close connections of the two. To accomplish this, the course will have to take a close look at the idea of limits, the idea that makes calculus different from any math studied up to this point---and the idea that, more than any other, makes the modern world “modern”. This course is intended for students who have successfully completed Precalculus, but who do not need or desire Advanced Placement credit. To be successful, the student will need to come with an understanding of both right triangle and unit circle trigonometry. We will also assume a familiarity with exponential and logarithmic functions and their graphs.

Materials Required:

- Graphing Calculator:
TI-84 Plus CE is highly recommended (this will be used for demonstration in class)
- Textbook.
- Internet Access.
- Notebook Paper/Graph Paper.
- Binder to organize your notes, homework and handouts.
- Pencils and erasers.

Help Sessions

Tutoring is available during Office Hour: 8:00 a.m. to 8:20 a.m. each morning.

***Extra help will also be available after school by appointment.**

Grading Policy

Grade in class will be determined by:

- Unit Tests: Given at the end of each unit.
- Quizzes: Given at the conclusion of 2 or 3 topics (usually announced).
- Q-Quizzes: Mini quizzes given as quick formative assessments (may or may not be announced).
- Homework: A homework grade is given at the end of each unit to reflect all homework assigned for the unit.
- Investigations/labs: These are usually collaborative work assigned to groups.

****Unit Tests will be approximately 50-60 % of the student’s grade prior to the final exam.**

The Semester Grade is calculated using the formula:

$$\text{Semester Grade} = \frac{\text{Total Points Earned}}{\text{Total Points}} * 100$$

****Each semester will comprise of a final exam worth 20% of the semester grade.**

*****NOTE: The final exam at the end of the school year is cumulative from both semesters.**

Homework:

- Homework will be assigned nightly.
- Limited class time will be spent discussing homework. Therefore, students should collaborate with each other and/or to see Mrs. Wong for homework assistance as needed.
- Homework will be checked for completion and understanding.
- Credit will be given only if work is shown.
 - ***Homework with just answers only, will not be accepted.**
- Incomplete work will not be given credit until completed. Late work carries a penalty.

Make-up and Late Work Policy:

- Students are expected to make up any test or quiz within 3 days upon returning to class.
- Any class work or homework missed due to an absence must be submitted within the same time frame.
- It is the student's responsibility to arrange for make-up work.
- **Check class website:** www.MathTheWongWay.weebly.com for work missed.
- Class time will not be used to make up work missed.
- Work may be made up during office hours or after school.

Class Procedures/Rules:

- Please be seated and ready to work at the start of each class.
- Please take notes and keep an organized notebook.
- All submitted work must be written in **pencil**.
- Show work on all assignments. **NO WORK = NO CREDIT.**
- Students are expected to be respectful at all times.
- Sleeping and personal grooming are not permitted.
- No eating or drinking other than water is allowed.
- Cell phone is to be turned off and stored out of sight upon entering class.
 - Phone will be confiscated if it becomes a distraction to the student or to his/her classmates.

Discipline Guidelines:

- Behaviors that interrupt instructional activities will not be tolerated.
- Students are expected to participate in **ALL** class activities.
- Students are expected to follow the policies outlined in the Upper School Student/Parent Handbook.
 - ***BE Respectful** ***BE Responsible** ***BE On Task**

Consequences for Inappropriate Choices:

If the student is unable to behave appropriately the following action will be taken:

- Warning.
- Phone call home and/or detention.
- Referral to an administrator.

Honor Code:

The honor code at Cape Henry Collegiate strictly prohibits plagiarism and the giving or receiving of unauthorized help on any graded assignment. Violation of the honor code will result in the following actions:

- Zero will be given for the assignment.
- Guardian(s) will be notified.
- Referral to an administrator.

Communication between you, your parent(s) and me is vital to your success in class. I will be using the notification system in My Compass as well as REMIND to keep that line of communication open. Please sign up to receive text from me on REMIND by texting the following message to 81010:

Period 6: @wongcalc6

I am extremely excited to be working with you this year. We will foster a GROWTH Mindset in our class. With this mindset, I know you will experience MUCH success in all your endeavors!

Mrs. Wong