

Grade 12 Math 4 / Calculus

2022-23 Honors Contract

Instructor:

Andrew J. Vernon
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Office Hours:

Mon and Wed: 11:45 AM – 12:15 PM

Honors Overview

High Tech High North County is committed to providing you with the experiences you need to be successful in life. The Grade 12 Honors Math (Calculus) is designed to provide opportunities for additional growth as a mathematician and to develop further the skills needed to be successful in college-level math. The Grade 12 Honors Math (Calculus) is an opportunity for students to explore math concepts that are not covered in the regular class but also to dive deeper into topics that are covered. In addition to rigor, the honors option also encourages students to further develop their leadership abilities, collaboration skills, and their independence. This is all captured in the four dimensions of The Grade 12 Honors Math (Calculus), to which each honors student must aspire to excel:

Dimension #1: Rigor

In addition to the GPA weighting, honors students will be listed as having taken “Calculus” on their HTHNC transcript and college applications (in contrast to non-Honors students whose transcripts will list the class as “Math 4”). With this, honor students are expected to have a more rigorous experience with the coursework: they will be required to delve deeper into some of the concepts we will be covering, they will take on challenge options/questions, and they will cover topics that are not included in the regular Math 4 curriculum.

For honors students, there is also additional rigor with regard to grading:

1. The maximum grade on late work is a C, unless an extension was negotiated in advance.
2. An honors student cannot receive an A as their Current Semester Grade if they have any missing assignments.
3. An honors student cannot re-take nor make-up any quiz/test/exam for more credit.

This stricter policy is not meant to put pressure on honors students; rather, it is intended to develop the necessary habits to ensure: i) students do the preparation needed to get the grade they want, and ii) work is submitted on time. Developing these habits will help reduce the pressure that will be felt in college-level math classes.

Dimension #2: Leadership

Honors students are expected to take on leadership roles, both day-to-day and for the Exhibition Project in December.

Dimension #3: Peer Engagement and Participation

Honors students are expected to be role models for peer interaction and classroom participation (both group work and classroom discussions).

Dimension #4: Helping Others Excel

Honors students are expected to be resources for their classmates. This can be during class, during my office hours, or setting up your own office hours outside of class time.

As an additional challenge, Honors students (and non-Honors students) can offer to volunteer in other math classrooms at HTHNC and HTMNC.

Grade 12 Math 2022-23 Honors Agreement

The honors program at High Tech High North County exists for students who desire an additional challenge. Students who wish to take the class for honors credit are committed to the regular class workload, plus the additional work related to the four dimensions noted in the Honors Contract.

We recognize that one reason that students take Honors courses is the weighted GPA that comes with this course, which helps with college admissions. Therefore, we allow students to take courses for honors credit for which UC schools will grant weighted GPAs for junior and senior core classes.

It will be the student's responsibility to undertake the honors work and to seek assistance from the teacher whenever necessary; specifically, honors students are expected to use Office Hours if they are having difficulty completing the required challenge options.

Students are **required to commit** to the honors program for the full year. Requests to take the Honors Credit Option must be submitted to Andrew Vernon **no later than September 2th** and the request must include this signed agreement. This is a strict deadline (no exceptions) and is intended to ensure that those taking honors will take assignment deadlines seriously.

I, _____, am committed to taking 12th Grade Mathematics for Honors Credit. I understand that I am committed to the honors program for the **entire year** regardless of what my grade is at any given point in either semester. I also understand that it is my responsibility to undertake the honors work and that I am required to seek assistance whenever necessary.

Student Signature

Date

Parent/Guardian Signature

Date