

12th Grade Mathematics Honors Coursework : Honors Calculus

High Tech High North County is committed to providing you with the experiences you need to be successful in life. An integral part of that success takes place in college which is why we are excited to offer an Honors Credit Option during your senior year. Below is a brief description of the major requirements for the 12th Grade Math Honors Credit Option:

Mathematical Reading and Reflective Writing:

Over the semester we will work through some different mathematical resources to gain perspective on how math is presented differently. We will work through the AP Calculus Textbook, with regular assignments to be submitted.

Critical Thinking and Collaboration:

Meet **at least** once a month for *Honors Happy Hour*. During this time we will have mandatory Content Days, that I will give mini lessons on the Calculus topics we are not covering in class or we will have honors study hall, which is equally important!

Leadership:

Each student will engage in peer assistance or an additional leadership role. You will be providing academic assistance to students in your class during lunch or office hours, or completing a review for students to utilize to prepare for quizzes and tests. Participation in additional peer tutoring during office hours and lunch may become required, at least 1 time a semester, but can happen more.

Rigor:

You will be responsible for additional, in class course work on a regular basis. For example you may be asked to answer more challenging questions, complete additional sections on exams etc.

Important Due Dates and Meeting Times (Very Tentative)

Honors Happy Hour

(Lunch unless otherwise stated)

Each student will be assigned a monthly schedule that will be communicated and they will be expected to show up to each of their weeks.

Tentative AP Calculus Assignment Deadlines

These assignments will be due on alternating weeks as the meetings. Expect these to be due every 2-3 weeks.

I highly suggest for you to start the work when given and utilize happy hour time to come and ask question.

In the event that these due dates change you will be given advance notice!

12th Grade Mathematics 2017-2018 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 additional project work, papers and exam questions. The additional workload requires a greater degree of Mathematical knowledge and understanding, or perseverance to challenge yourself. I am recommending this course highly to students interested in the STEaM fields!

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

It will be the student's responsibility to prepare for the assignments and to seek assistance from the teacher whenever necessary. Honors coursework is graded and there is a **zero tolerance policy** for late work. Work must be turned in on the specified due date. Students are aware of due-dates far in advance so they have plenty of time to work out computer/printer/life issues. The strict policy is not meant to put pressure on students. In light of this students need to demonstrate high academic achievement and personal responsibility.

Students must commit to the honors program for the **entire semester**. Requests to take the Honors Credit Option must be submitted to Carlee Hollenbeck **no later than February 2nd**. They will be handled on a case-by-case basis.

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

_____ Student's Signature
_____ Date

_____ Parent's Signature
_____ Date

** I will also sign this after having a conversation with students about their preparedness for the challenge of this course, if necessary**

_____ Teacher's Signature
_____ Date