

# Honors PreCalculus

---

Instructor: Mrs. Daniszewski  
Email: [daniszewski@havsd.net](mailto:daniszewski@havsd.net)  
Phone: 610.853.5900 ext. 2237  
Website: Access via eFaculty on the HHS website

---

## Course Materials

- Text: *CPM PreCalculus*
- TI-84 Calculator (or something comparable)
- Pen or Pencil (colored pens/pencils recommended)
- Graph Paper Notebook
- 2 inch 3 ring binder
- Composition Notebook (provided by instructor)

**Note:** Always come prepared for class with completed homework, a writing utensil, and your calculator.

---

## Course Outline

This course is structured around investigations and problem solving. This course provides the tools that you will need for college mathematics courses, particularly calculus. You will build on your learning from Algebra 1, Geometry and Algebra 2 to construct a deeper understanding of functions. As you study pre-calculus, you will investigate functions in new ways and work with more abstract forms, including trigonometric functions. You will develop a deeper understanding of the concepts of limits, area, and slope that are essential in the development of calculus. The daily activities in this course depend on students working and discussing problems in teams to make sense of concepts. Study team interaction is an integral part of the learning process in the CPM curriculum.

|           |                             |           |                                  |
|-----------|-----------------------------|-----------|----------------------------------|
| Chapter 1 | Transformations             | Chapter 6 | Extending Periodic Functions     |
| Chapter 2 | Finding Area Under a Curve  | Chapter 7 | Algebra for College              |
| Chapter 3 | Exponentials and Logarithms |           | Mathematics: Problem Solving 101 |
| Chapter 4 | Circular Functions          | Chapter 8 | More Limits                      |
| Chapter 5 | Introduction to Limits      |           |                                  |

## Course Grading

The **quarter** grade for the course will be determined by the following percentage breakdown:

- Individual Tests/Quizzes/Team Tests: 80%
- Classwork/Homework: 20%

The **final** grade for the course will be determined by the following percentage breakdown:

- 1<sup>st</sup> Quarter: 40%
- 2<sup>nd</sup> Quarter: 40%
- Final Exam: 20%

# **Honors PreCalculus**

---

## **Haverford High School Mathematics Department's expectations for students:**

1. Students are expected to attend classes regularly and be on time. Be in your seat and ready to learn when the bell rings.
2. Students are expected to be prepared for class everyday with the proper tools necessary for the course
3. Every student will be expected to demonstrate appropriate self-control during each class period.
4. Homework must be clearly attempted every night to receive credit.
5. All students are expected to take daily notes, complete practice problems and participate in class discussions and group work.
6. In order to be successful in math, you must review and practice concepts each night. When studying for a test or quiz, redo problems done in class to reinforce the concepts.
7. If you fall behind or do not understand a topic or concept, after-school help is always available. Make an appointment with me.
8. Be responsible for your own learning and be positive! Everyone can learn math! Come to class willing to volunteer, ask questions, and to take an active role in the learning process. Try your best, don't give up and have fun!!!!

---

## **Homework Policy**

Homework is to be completed every night (it will be assigned every day and due the following day). Every problem must be clearly attempted.

Writing “?” and “I don't know” are not considered attempts. If there is a homework problem that you did not understand, a question that will help clarify it must be written in your homework so you are prepared to discuss it the next day in class.

If no attempt is made or there are no questions, credit will not be awarded.

---

# Honors PreCalculus

---

## Absences and Make-up Work

Missed work and assignments must be made up in a timely manner. If you are absent from class and this absence is excused, you have the number of days you were absent, plus one, to make up any homework and classwork completed while you were out. It is the responsibility of the student to find out what work was missed and make arrangements to make up missed work.

If the absence is unexcused (e.g. class cut), you will receive a zero for all work missed. This includes tests and quizzes. This is Haverford's school policy.

All tests/quizzes missed due to absence will be made up IN CLASS upon return. All tests will be announced in advance, therefore if the student is absent the day of the test, he/she is responsible for the information on the test.

---

## Technology Policy

The use of personal electronic equipment is only permitted in the approved Technology Zones\*. Use of these types of devices in any other areas will not be permitted during school hours (7:25 AM-2:22 PM).

When not in the Technology Zone the devices ***must be turned off and concealed at all times***. Students caught using these devices in unapproved areas will be sent to the office to turn in their technological devices. Students need to be aware that refusal to follow a reasonable request could be considered insubordination.

**\*Technology Zones will be located in the Cafeteria and Commons only during the student's assigned lunch period, during Advisory in the advisory classroom with permission from a teacher, and during Study Hall.**

## **Penalties**

Students who violate the high school's technology guidelines will be referred for discipline to their grade-level principals. Devices will be confiscated if used during an unauthorized time. Students may also receive detention, suspension and/or revocation of computer privileges.

---

## Support

I am looking forward to working with you and getting to know you. I think you will find class both fun and challenging.

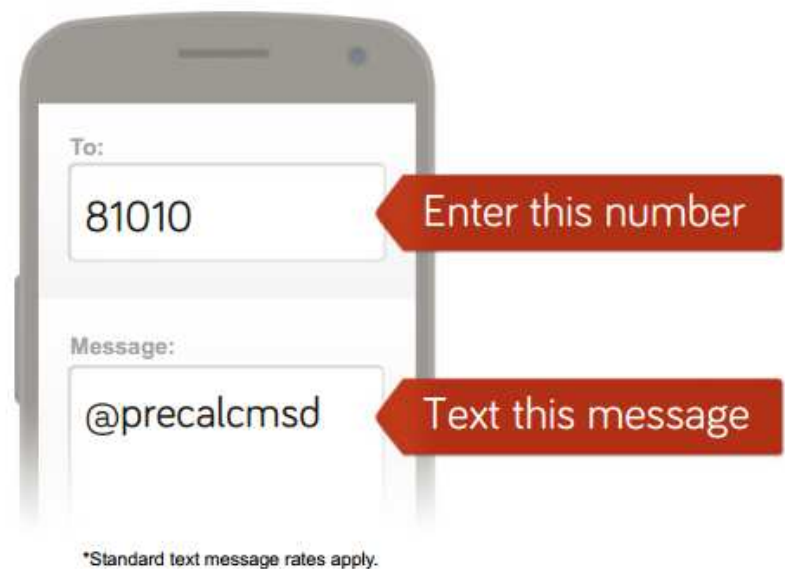
- **Extra help with me before or after school.** I will be available for extra help after school on **most** days. Please make arrangement with me to meet after school if you need extra help.

# Honors PreCalculus

---

- **Email or phone contact.** My email is [daniszewski@havsd.net](mailto:daniszewski@havsd.net), and my school voicemail number is 610-853-5900, ext. 2237.
- **My teacher website.** It is available through the eFaculty link on the HHS website. Our class page contains weekly agendas, homework, and additional resources.
- In addition to the support provided by your teacher, CPM has also created online resources to help you, including help with homework, a parent guide and extra practice.  
You will find these resources and more at: [www.cpm.org](http://www.cpm.org)  
Homework support can be found at: [www.cpm.org/students/homework](http://www.cpm.org/students/homework)
- **The HHS Math Center.** This is a free resource in which students can get math help after school. The Math Center will be open each Monday through Thursday from 2:30p.m. to 3:30p.m.
- **Remind.** This website allows teachers to send alerts to the entire class. You and/or your child can subscribe for either text message or email alerts. Alerts could include homework changes, quiz and test reminders, and more.

To receive messages via text, text **@precalcmsd** to **81010**. You can opt-out of messages at anytime by replying, 'unsubscribe @precalcmsd'.  
Trouble using 81010? Try this Remind number instead:  
**(484) 319-4874**



Or to receive messages via email, send an email to **precalcmsd@mail.remind.com**. To unsubscribe, reply with 'unsubscribe' in the subject line.



# Honors PreCalculus

---

*This page will be returned to the teacher*

Please sign below to confirm that you have read and understand the PreCalculus Course Syllabus.

|   |
|---|
| <p><b>Student Name:</b> _____</p> <p><b>Student Signature:</b> _____</p> <p><b>Parent/Guardian Signature:</b> _____</p> |
|---|

**Please fill out the contact information below. Thank you!**

Parent/Guardian's Name: \_\_\_\_\_

Daytime Phone Number: \_\_\_\_\_

Evening Phone Number: \_\_\_\_\_

E-mail address: \_\_\_\_\_

What is the best way to contact you?

- Daytime phone
- Evening phone
- E-mail

Is there anything that you would like me to know about your child?

---

---

---

---

---

---

---