



Honors Pre-Calculus

2013/2014 School Year

Mrs. Johnson

www.mrsnjohnson.com



This pre-calculus course will expand on the topics you learned in Honors Algebra 2 Trig and is designed to provide what you need to be successful in future Calculus classes. We will cover trigonometry both semesters. Within each topic, we will explore the different concepts from graphical, numerical, and algebraic perspectives. The relationships between these perspectives will add insights to understanding each topic. Obviously, the graphical perspective suggests the use of graphing calculators. **My hope is that each student becomes an active participant in developing their own mathematical understanding. This means taking daily class notes, working homework problems to the best of your ability, reading the text section, asking questions of one another and of the teacher, seeking help, working together, and being organized.** You get the idea... This being an Honors class, I expect that most of you do this already, but I will reinforce these work habits as we go along. Lastly, I hope that with your hard work and bright minds, and a little bit of my guidance, you will continue to enjoy learning mathematics, and appreciate its challenges and its beauty.

Grade Computation: Tests 60%, Quizzes 25%, Homework 15%

Semester Grade: 80% Semester Exam and 20% Final Exam

The D204 grading scale is...

A----- 91% - 100%

B----- 81% - 90%

C----- 71% - 80%

D----- 65% - 70%

F----- 0% - 64%

NOTE: YOU MAY ONLY WRITE IN PENCIL IN THIS CLASS. NO PENS!

Exams **: An exam will be given at the end of each chapter worth a total of approximately 50 points. They are designed to show me you can apply the concepts learned to **new** problems..

Quizzes **: A quiz may be given at any time during a chapter, worth approximately 20-25 points. They will help to assess where you are in your understanding of topics presented. Pop quizzes may occur on any given day to keep you sharp!

Homework: Homework will be assigned on a daily basis, and may be checked regularly. **I expect that each problem will be attempted and some work or graph or diagram is shown.** An assignment of only answers will not be accepted. You will receive 2 points for all problems tried, 1 points for half the problems tried, and 0 points for less than half the problems tried.

Make-Up Work: If you miss a class, it is **your responsibility** to obtain the class notes and assignment from a classmate. With pre-arranged absences, such as field trips, please get the assignment prior to the day. The missing work is due the day you return.

** I reserve the right to make any make-up exams/quizzes more difficult than the original if you consistently miss these days.

Cheating: Any form of cheating will not be tolerated. A 0% will be given on that assignment, quiz, or test, and a parent contact will be made. Various forms of cheating are listed in your student handbook. Also, using a graphing calculator dishonestly will not be tolerated. Please, do not let me suspect you of any of this.

Graphing Calculators and BYOT: A Graphing calculator is required for this class and in future math classes. They will be used during in-class discussions, homework assignments, and on parts of quizzes and tests. Any model from Texas Instruments (except TI-92), Casio, Sharp, or Hewlett Packard are acceptable, although I will be demonstrating with TI's. My recommendation would be the TI-83(+) or TI-84. A TI-89 is allowed, but its use may be restricted at times. Please talk to me if you have questions about which model is best for you.

Playing of games will not be tolerated during class discussion times. [D204 BYOT Policy](#)

Math Team: Your participation with the MVHS math team is expected. Being amongst the top math students in your school, we need your brainpower to best represent our school at various math competitions. Check the school's website for meeting information.

My schedule for this year is ...

Period 1 -----	Honors Precalculus	Rm. D118
Period 2 -----	Prep Time	
Period 3 -----	Teaming	
Period 4 -----	Honors Precalculus	Rm. D116
Period 5 -----	AP AB Calculus	Rm. D116
Period 6 -----	AP AB Calculus	Rm. D116
Period 7 -----	Lunch	
Period 8 -----	College Test Prep - Literacy	Rm. F216

I can be reached **preferably by e-mail** at natalie_johnson@ipsd.org.

General Behavior Guidelines

1. Each student will be expected to show proper conduct in this classroom at all times.
 2. Each student will respect the rights and differences of others in the classroom.
 3. Damaging property belonging to the school, another student, or myself will not be tolerated.
 4. Students must be in the room when the bell rings- **even if you are coming from the other side of the building.** On the 3rd and subsequent tardy, detentions will be assigned according to the student handbook. If more than 5 minutes late on any day, an unexcused absence will be given.
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(Please sign and return to Mrs. Johnson by the end of week 1. **Forms turned in by your second school day of attendance earn 2 points extra credit in homework.**)

By signing below, you agree that you have read and understood the Honors Pre-Calculus Classroom Management Plan and the [D204 BYOT Policy](#) for the 2013-14 school year.

Student's Signature: _____ Student's Printed Name: _____

Parent/Guardian's Signature: _____ Parent/Guardian's Printed Name: _____

Date: _____ Email: _____ Phone(s): _____