



King Philip Regional High School, 2016-2017
 Pre-Calculus Blocks A, F & G
 Mrs. Chenfang Wang



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Extra Help: Tuesdays from 2:15-3:00pm in Room 249

Course Overview

Pre-Calculus College Preparatory

GRADE 11, 12

5 CREDITS

This course begins with a review of algebra topics such as linear systems and quadratic equations. New topics that are covered are sequences and series, higher degree equations, rational equations, conic sections, and exponentiation as well as logarithms. The course continues with the elements of trigonometry that include trigonometric and circular functions, applications, graphing, inverse functions, polar coordinates, and complex number system.

Students in mathematics courses will be required to use a graphing calculator. It is **strongly** recommended that a student purchase a TI-84 graphing calculator.

This course addresses the following expectations for student learning: critical and creative thinking, demonstrating technological skills, and demonstrating a sense of responsibility.

TEXTBOOK:

Precalculus by Carter, et al, Macmillan/McGraw-Hill Glencoe, 2011

Online Edition: <http://connected.mcgraw-hill.com/connected/login.do>

Username: precalc2

Password: preca294

You may also use redemption code **SG8Y-BCCR-7YSQ** to create your own account.

Materials Required:

1. Writing utensils.
2. A graphing calculator.
(TI-84 Recommended)
3. A composition book for class notes
4. Textbook
5. A binder to organize all handouts

Grading policy

Tests & Quizzes (70%) – Tests and quizzes will be announced ahead of time. The date and topics will be posted on the board and teacher's webpage. A test is worth 100 points and a quiz is shorter and is worth around 30-50 points. Take-home quizzes are usually worth no more than 10 points.

Homework (15%)–Homework is assigned according to sections and topics. Students are expected to complete homework for a section by the time the class instruction for the section is finished. Paper-based homework should be completed on lined notebook/graph paper with your name, class period, assigned date and page number on top. Answers should be circled or highlighted and supported by appropriate work. Computer-based online homework will also be assigned.

Class participation (15%) – Every student is expected to actively participate in all class activities. Class participation grade is determined by the following: attendance, notes, class-work, warm-up and ticket out the door problems. Unexcused absence or tardy will negatively impact your class participation grade. Work must be shown on all assignments to support your answer. Unexcused late assignments are not accepted for credit.

Other Expectations:

Attendance – It is your responsibility to come to every class meeting on time with required materials and completed assignments. If you come to class after the bell has rung without a valid pass, it is considered an unexcused tardy and will result in a deduction from your participation points, a teacher's detention, or office referral.

Absences/dismissals – Please refer to King Philip Regional High School Student Handbook on attendance, tardy and details on make-up policies. Students can make up a test or a quiz after school or during my duty Period E by appointment. Students are generally not allowed to make up a test/quiz during class time.

Classroom rules

- Be Prepared – Students are expected to be in their seats and ready to work the moment the bell rings. Required materials should be brought to class every day.
- No Cell Phones or other electronic devices– The use of cell phones, iPods, and other electronic devices is prohibited in the classroom.
- Academic Dishonesty – Cheating and plagiarism will not be tolerated. Students caught cheating or using the work of others will receive a score of zero.
- Be Respectful – Students are expected to be respectful of their fellow students and their teachers.

Failure to behave in accordance with classroom rules will result in teacher's detention, office detention and/or other consequences.

In addition, all students are expected to behave in accordance with King Philip Regional High School policies outlined in King Philip Regional High School Student Handbook 2016-2017.

If you have any questions or concerns, please email me at wangc@kingphilip.org.

Sincerely,

Chenfang Wang

Parents/Guardians: please sign below and return to the teacher or send an email to wangc@kingphilip.org to confirm that you have read, understood and agreed to the above expectations.

Parent(s)/Guardian(s) Name (please print)

Parent(s)/Guardian(s) Signature

Student Name (please print)

Student Signature

Please leave your contact information if it is not in IPASS.