

PRECALCULUS HONORS SYLLABUS

Douglas Anderson School of the Arts – Mrs. Gulamali (Sloss)

COURSE DESCRIPTION: Precalculus is an honors course with the express intent of preparing students to be successful in AP Calculus AB/Calculus I. The course is designed to be both a rigorous review of skills learned in previous math classes as well as an introduction of new skills important in the preparation to take calculus. Students should have successfully completed Algebra II with a grade of B or better as a prerequisite for this course.

TEXTBOOK: Demana, Waits, Foley, Kennedy, *Precalculus: Graphical, Numerical, Algebraic, Common Core ed.* Pearson, 2015.

ONLINE TEXTBOOK:

An online version of the textbook is available at www.phschool.com using Web Code azk-4007

COURSE MATERIALS: Students are expected to have a notebook, pencils, ruler, and a scientific calculator (a graphing calculator is highly recommended). Cell phones are not acceptable or allowed as calculators. Notebooks should be 1 ½ to 2 inches. All course materials must be brought to class every day.

COURSE OUTLINE:

FIRST NINE WEEKS

- Chapter 1 – Functions and Graphs
- Chapter 2 – Polynomial, Power and Rational Functions

SECOND NINE WEEKS

- Chapter 4 – Trigonometric Functions
- Chapter 6 – Applications of Trigonometry

THIRD NINE WEEKS

- Chapter 4 – Graphs of Trigonometric Functions
- Chapter 5 – Analytic Trigonometry

FOURTH NINE WEEKS

- Chapter 8 – Analytic Geometry in Two and Three Dimensions
- Chapter 11 – Limits and Continuity
- Review for End of Course Exam
- Chapter 3 – Exponential and Logarithmic Functions

STUDENT EVALUATION/HOMEWORK: Students will be evaluated approximately every two to three weeks by written exam. Other assignments, including quizzes, exit slips, class work, and homework, will also be included in a student's grade. Homework will be assigned daily, collected at the beginning of the next class, and graded for completion. Student responses to specific homework problems may also be collected and graded for correctness. A cumulative First Semester Exam will be given at the end of the second nine weeks and a cumulative District final exam will be given at the end of the year. A student's grade in the class will be assessed on a point system, which is the percentage of points achieved out of the total possible points. The county grading scale is as follows: 90 – 100 % = A; 80 – 89 % = B; 70 – 79 % = C; 60 – 69 % = D; 0 – 59 % = F. Students (and their parents) can follow their own progress by monitoring the grades in the Focus web-based electronic gradebook.

MAKE-UP POLICY: Regular attendance in this or any class is ABSOLUTELY VITAL. As always, **make-up work remains the FULL responsibility of the student!** County policy states that make-up work due to absence is due the number of days absent following the student's return. Exams and assignments announced in advance will be taken and are due on the announced date regardless of a student's attendance prior to the date. **Missing a review the class period prior to a test date does NOT excuse a student from taking a test.** It ALWAYS remains the responsibility of the student to determine what work has been missed and to complete the make-up work. An extended absence due to illness should be confirmed with the Guidance Office so that makeup work can be delivered to the student.

EXTRA HELP: Extra help is available during Lunch and Learn. In addition, student tutors are available through the school's National Honor Society. Students should come prepared with specific questions – tutoring time will not be devoted to re-teaching class material, even for students who have been absent from class.

CONTACT INFORMATION:

Mrs. Kinsey Gulamali (Sloss)

Douglas Anderson School of the Arts, Room 110

E-mail: slossk@duvalschools.org

Phone: (904) 346-5620 Ext. 232

E-mail should be used for quickest communication – phone/voice mail is NOT recommended.

Website: www.MrsGulamali.com

Planning/Conference Time: Periods A3 and A4 – Conferences should be scheduled only through the Guidance Office

RULES FOR CLASSWORK

1. All student work must show the student's first AND last name, period, and date. All class work, homework, tests, and quizzes should be completed in pencil. Notes may be written in pen. Each page in a student's notebook should show a date, including class notes and homework.
2. Homework and all other graded assignments are due when the bell rings for the class to begin and no later. Be sure to check the board each class period for important assignments and due dates.
3. Student work must be his/her own work. Any assignment that has been obviously copied will be given a zero. Any students caught sharing answers on **any** assignment that is not announced as collaborative will both be given zeroes – the student being copied is just as guilty as the student doing the copying.
4. All make-up work must be completed promptly according to the "Make-Up Policy" on the course syllabus. It is the STUDENT'S responsibility to get and complete make-up work.
5. Talking for ANY reason during the administration of a test or quiz until all papers are collected is grounds for a zero.
6. Cell phone use during a test or quiz will result in a grade of 0 and a referral.
7. Students are expected to bring their textbook, notebook, pencil, and calculator, to class every day unless otherwise announced.
8. Graded problems and assignments must **ALWAYS SHOW ALL WORK**. Neither full nor partial credit will be given to any problem that does not show the appropriate work. The answer for any problem that is not a simple calculation should be written in a complete sentence.