

Booker T. Washington Senior High School
Course Syllabus, 2020 - 2021

Course Title: Pre-Calculus Honors

Instructor: Mr. Jameil Floyd, M.S.

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Room Number: 712

Website: <http://www.floydmath.com>

It is extremely important that both student and parent understand the following:

- This is an advanced college-prep course, and the student will need to demonstrate a high level of responsibility throughout the class.
- Most assignments will be assigned digitally via MathXL
- The pace of the course will be very fast, resulting in more assessments.

COURSE OBJECTIVES

Goal: The learner will use polynomial and rational functions to model and solve problems.

Timeline for completion: Units I, II, III; Functions, Polynomials, & Rationals

Goal: The learner will investigate the topics of trigonometry.

Timeline for completion: Units IV, V, and VI; Beginning Trigonometry & Analytical Trigonometry

Goal: The learner will use exponential functions to model and solve problems.

Timeline for completion: Units VII, Exponential Functions and Logarithmic Equations

Goal: The learner will investigate the characteristics of conic sections.

Timeline for completion: Unit VIII, Analytic Geometry

Goal: The learner will investigate the use of sequences.

Timeline for completion: Unit IX, Sequences and Series

Goal: The learner will be exposed to the limits and introduction of Calculus.

Timeline for completion: Unit X, Introduction to Calculus

REQUIRED MATERIALS:

1. Three-ring binder for class notes and handouts with dividers (3 sections) and papers
2. Pencils
3. Composition Notebook
4. Graphing calculators (i.e. TI-84, etc.)
5. Headphones (for the computer)

CLASS/HOMEWORK:

Daily class and homework is considered to be the major part of a student's learning experience. All assignments are to be completed on time. Please keep all classwork and homework assignments in your notebook and bring them to class every day. All notes should be dated and kept in a separate section in your notebook chronologically. All example problems worked in class should be included in your notes. **You will use your notes to study for tests and the quarter exams.** Mathematics is a subject that is *learned by doing*, not by watching. Any difficulties with homework assignments may be discussed with the instructor.

EXAMINATIONS AND QUIZZES:

- **UNIT TESTS:** There will be end-of-unit test after the completion of each unit.
- **QUIZZES:** There will be numerous unannounced quizzes throughout the course. Your three lowest quiz scores will be dropped. You may **NOT** make up a **MISSED** quiz.
- **QUARTER EXAM:** This exam will be comprehensive (all topics will be on the exam from the entire year). Students can become **EXEMPT** from Quarter Exams if a student meets the following criteria:
 - Has an A, and has missed no more than 2 days of class in that quarter
 - Has a B, and has missed no more than 1 day of class in that quarter
 - Has a C, and had not missed any days of class in that quarter
- **RE-TAKE TESTS:** In order to take a retake, you must score a 70% or better on the study guide before scheduling a test retake. If you miss the day of an assessment, you forfeit your right to a re-take. You will not take the same assessment and testing format may be more difficult than the original.
- **MAKEUP TESTS:** Make an appointment with the instructor to make-up the test. Make-up tests will follow the same format as a retest (please read retest policy)

GRADING:

Grades will be based on the following:

Assignments.....	10%
- Classwork	
- Homework	
Quizzes.....	25%
Study Guides.....	10%
Tests & Projects.....	40%
Quarter Exam.....	15%

CLASSROOM POLICY

It is very important that the classroom environment is helpful for student learning. Students are expected to be **on time, ready to do mathematics**. All students are expected to be active learners in the classroom. Students should be **responsible** for their learning. Students should be **productive**. Students should **cooperate** in the classroom.

- ✓ **ATTENDANCE:** Class attendance is **strongly** advised.
- ✓ **TARDINESS:** Be in your seat when the bell rings. Otherwise, you will be marked late.
- ✓ **CHEATING POLICY:** Students found cheating on tests will receive an "0" for the assignment/assessment, and be subject to the BTWSHS' disciplinary procedures.
- ✓ **CELL PHONES:** These will be **turned off or completely silent** (vibrate mode is not silent) while inside my classroom. Cell phones cannot be used as the calculators.
- ✓ **MANNER:**
 - 1) Do not disrupt the learning process.
 - 2) Raise your hands whenever you have math-related questions.
 - 3) Stay seated until the bell rings.
 - 4) Do not get up to sharpen your pencil(s) while I'm lecturing.
 - 5) No food or drink (except for water).

CONSEQUENCES

1st offense = Warning

2nd offense = Detention & Parent Contact

3rd offense = Office (referral)

TEACHER AVAILABILITY

Office Hours: by appointment

I will be available for extra help or other questions/concerns before/after school or by appointment. I can be reached by email or by text via Remind 101.

I look forward to this school year together!

**Booker T. Washington Senior High School
Course Syllabus, 2020 – 2021
Pre-Calculus Honors
Mr. Jameil Floyd, M.S.**

Dear Student and Parent/Guardian,

I am looking forward to helping you develop understanding of Pre-Calculus this year. It is important that you read and understand the course syllabus (online) because it provides information regarding my expectations for creating a successful learning experience. Please let me know that you have read and understood this course syllabus by completing this form and returning it to me.

By signing this page, you agree that you have read this syllabus and understand the classroom policies. You know how your citizenship and scholarship grade will be determined.

Student Name (Printed)

Student Signature

Parent/Guardian Name (Printed)

Parent/Guardian Signature

Telephone Number: _____ Best time(s) to call _____

Student Email address: _____

Parent Email address: _____

Student, do you have any questions or concerns I should know about at this time?

Parent/Guardian, Is there anything I should know about your student at this time?