

Trenton Catholic Academy, Upper School

Honors Calculus Syllabus, 2019 – 2020

Teacher: Mr. Travis B. Anderson

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Phone: (609) 586-3705

Period: 8 Days: A, C

Room: 206

Recommended Materials

- One inch, three ring binder for classwork and notes
- Binder dividers
- College ruled notebook paper
- Two, one subject college ruled notebooks for homework
- Pencils
- Colored pencils
- Erasers
- Basic calculator

Course Description

The Honors Calculus course will provide students with the skills required to succeed in college level mathematics. Students will study Calculus theories and apply them to real world scenarios.

Course Outline

- Derivatives and slopes
- Graphs of derivatives
- Position functions, velocity, and acceleration
- Antiderivatives/Integrals
- Integrals and area
- Differential equations and slope fields

Classroom Policies

- 1.) Students are required to be in their assigned seats when the bell rings.
- 2.) Do not walk throughout the classroom without the teacher's permission.
- 3.) No food or beverages (except bottled water) permitted during class.
- 4.) Smartphone use during class is prohibited.
- 5.) Classroom lesson participation is encouraged. Raise your hand to be noticed. One student speaks at a time during participation.
- 6.) Adhere to all school policies found in the Student Handbook.

Classroom Procedures

- 1.) *Entering the classroom*
Enter the classroom through the open door.
Sit in your assigned seat immediately.
- 2.) *Homework*
Open your homework notebook to the most recent assignment.
- 3.) *Exiting the classroom*
The teacher dismisses the class.
The teacher will signal the appropriate time to close notebooks in preparation for your next class.
Exit the classroom through the open door.

Grading Policy

- Quarterly Exam – 25%
- Tests – 25%
- Quizzes – 20%
- Homework – 20%
- Class participation – 10%

Late & Makeup Work Policy

- Each student is responsible for determining the missed assignments during class absences or lates.
- Each student is responsible for presenting makeup work to the teacher for credit.

Textbook

Calculus – Graphical, Numerical, Algebraic; Third Edition. Authored by Finney, Demana, Waits, and Kennedy. Published by Pearson, Prentice Hall.

Trenton Catholic Academy, Upper School

175 Leonard Avenue

Hamilton, New Jersey 08610

(609) 586 – 3705

Dear Parents and Guardians,

Hello, and welcome to the 2019-2020 school year at Trenton Catholic Academy. My name is Mr. Travis Anderson and I will be teaching your child's Honors Calculus course this year. My classroom, room 206, is located on the second floor of the Upper School building.

Your child has a copy of the Honors Calculus course syllabus, which outlines the course's structure, some general classroom expectations and procedures, the grading policy, and the late and makeup procedures and policies for this course.

Please review that document with your child, then sign the Student-Parent-Teacher agreement section below. By permitting your child to return this document to me, she/he will earn a grade in the Homework section.

Thanks for your time and cooperation.

I. Student Section

I, _____, have read and understand the 2019-2020 Honors Calculus course syllabus.

Student's Name: _____

Student's Signature: _____

II. Parent/Guardian Section

My child and I have read and understand the 2019-2020 Honors Calculus course syllabus.

Parent/Guardian's Name: _____

Parent/Guardian's Signature: _____

Parent/Guardian's Phone Number: _____

Parent/Guardian's Best Time To Reach: From _____ to _____

Parent/Guardian's Email Address: _____