**THOMAS JEFFERSON HIGH SCHOOL 2017 - 2018**

**ADVANCED ALGEBRA II HONORS**

**INSTRUCTOR: Mrs. Parra ROOM: 126**

**VOICEMAIL: 720 – 423 – 7132 EMAIL: christina\_parra@dpsk12.org**

**OFFICE HOURS:**

**Lunch Tues. & Thurs (11:40 – 12:00) After school Weds. (2:14-2:55) Other times by appointment.**

**Course Overview**

Welcome to **Advanced Algebra II Honors**!

This semester, we will explore the foundations of College Preparatory Advanced Algebra. The topics we will explore are advanced linear systems, non-linear functions, matrices, trigonometry, probability and elementary statistics. Below is a listing of supplies needed for this class along with course grading policy and expectations.  Please go to the following link to view course details and standards: <http://curriculum.dpsk12.org/math>

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| **Required Materials (for daily use in the class)** |
| * One 2” binder * One package of index dividers (5- tab) * One package ¼ “ graph paper or a graph paper composition notebook * One spiral notebook or two packages of loose-leaf paper (College ruled) * One zipper pouch(suggested) * One package of colored pencils (12 count) * Pencils and extra lead (if mechanical pencil) and Two pink erasers * Pack of highlighters (different colors) * Graphing Calculator TI-84+ **required** (NO CELL PHONES ALLOWED) * One box of Kleenex * One Package of **AAA** batteries   A note on materials: It is your responsibility to come to class prepared. If you are having trouble providing these materials please see me. I will not be providing these materials for you so please make sure to always have your notebooks and pencils at a minimum. |

**Classroom Procedures:**

* Come to class prepared: in dress code and with required materials
* Keep all electronic devices OFF and OUT OF SIGHT. If I see it we will confiscate it (unless we are using them as a class for class activities)
* Complete all assignments on time and in pencil
* Have an open mind and be ready to have fun while learning math
* You must **SHOW ALL WORK** on all assignments

**Classroom Community and Procedures:**

Much of the learning that takes place in this class will be from your peers, rather than from me. You need to take responsibility for sharing your thinking during class time, and for listening to, and learning from, the thinking of your classmates. Keep in mind that mistakes are opportunities for learning, we all make mistakes and we must use mistakes for deepening understanding. Please be respectful of your peers who make mistakes.

In order to create the kind of environment where everyone feels valued, safe and able to take risks, there are community agreements that each of us must fulfill every day

**Be Respectful Be Prepared Be Engaged**

* For your classmates \* On time with all materials \*Participate in class discussions
* For your teacher \* Put in your best effort every day \* Ask questions
* For your classroom \* Wearing your I.D. \* Work together
* For yourself \* Planners

**Absences:**

You are responsible for checking my wiki-page for any notes or assignments missed due to absence, if you are absent, you will have the number of days absent +1 more day to get the work in. **With that being said, it is essential that you be in class every day!!** (See the Thomas Jefferson handbook for policy)

**Course Binder Expectations**

The course binder should be arranged using dividers for Daily Warm-Ups, Notes, Homework, Classwork, Projects/Tests/Quizzes. The dated, daily objective should be copied in the **CLASSWORK** section of your course binder each day from the ‘CLO’ on the board. All classwork should be completed in the **CLASSWORK** section of your binder; homework should be completed and retained in the **HOMEWORK** section of your binder. Class notes should be recorded in your spiral notebook or on your loose leaf paper and stored in the **NOTES** section of your course binder.  These class notes may be used on **some** tests and quizzes throughout the semester, so keep them organized and accessible. Tests, quizzes with test corrections should be stored in the **TEST/QUIZ** section of the course binder for the entire school year. Course binder and notes will be graded as classwork periodically throughout the semester.

**Technology:**

Each student will be assigned a clicker, which you will be responsible for. If it is broken or damaged it will be your responsibility to replace it. A clicker costs $50. I will not provide calculators so it is your responsibility to obtain one.

**Grading Scale:**

A (100 %– 90%) B (89% - 80%) C (79% - 70%) D (69% - 60%) F (50% - 0%)

**Grade Breakdown:**

* Assessments 60%
* Homework 15%
* Classwork 15%
* Final 10%

**Grades:**

During my office hours I will help you with concepts from class that you are struggling with. I will also allow you to re-take tests/quizzes if you have all the work done for the chapter you are re-testing on and you come in for at least one tutoring session. I will not, however, look up your grades for you. You must get onto Infinite Campus to check your grade, and then you can come discuss it with me. It is important for you to advocate for yourself and use your resources.

**Classwork**

Individual and group work will be a regular part of classroom instruction. You are expected to actively participate in all classroom activities and work cooperatively with peers. Group assignments and presentations will be graded according to accuracy, completion and participation.

**Tests and Quizzes**: Individual and group assessments will be a regular part of the class. Assessments can be written tests, quizzes, EXIT slips and/or technology assessments. Studying and preparing for assessments is necessary at this college-prep level. Prepare for assessments using your textbook, notes, classwork and homework. Find a study partner to study with to prepare for assessments.

**Retakes and Missing Assessments:** Missing/Re-Take tests can **ONLY** be completed during lunch hours or office hours. **ONE Test RE-TAKE per test** is allowed and must follow **Test Re-Take Error Analysis guidelines**. Highest grade of two tests will be recorded grade. Re-takes are NOT allowed on semester finals. If you are caught with a cell phone during a test or quiz and are caught cheating/talking, you forfeit the chance to do a re-take on that assignment and you will earn an **F**, behavior referral and parent conference.

**Homework /Homework Quizzes**

Homework is an essential component of learning mathematics. Practicing skills is necessary in order to achieve mastery in any academic area, especially math. Homework will be reviewed, presented and discussed at every class meeting. Homework will be graded based on Homework Quizzes, given weekly. Students will be allowed to use completed homework as a resource on quiz day. Homework quizzes can only be made up during tutoring, and must be accompanied by COMPLETE homework assignments for the week. No make-up quizzes allowed after mid-term and end of 6-weeks.

**Final Exam**

A comprehensive semester final exam will be given in both semesters of Advanced Algebra II Honors. As in all assessments, preparation and attendance are necessary.

**Tutoring**

My door is open for students wishing to receive help on Tuesdays and Thursday during lunch. Math tutoring is available on Mondays, Tuesdays, and Thursdays after school from 3:00 – 4:00 p.m. in the library, and Wednesdays from 2:15-2:50 in room 126 during Office Hours. This is an excellent opportunity to receive help and work one on one with teachers and peers.  Take advantage of the math tutoring at TJ.

**YOU ARE ACCOUNTABLE FOR ALL WORK ASSIGNED IN CLASS AND OUTSIDE OF CLASS. THIS WORK PREPARES YOU FOR QUIZZES AND TESTS AND ALL UNITS FOR ADVANCED ALGEBRA 2 HONORS.**

**Extra work will not be assigned for individual students wishing to raise their grade, so please do not wait until the end of a term or semester to come in for help or to raise your grade!**

As we begin our year together, I look forward to working with you. I have high expectations for each one of my students and I will do all I can to ensure the success of you. Please do not hesitate to contact me if you have any questions or concerns via email or phone during my office hours listed above. Again, I look forward to our journey together.

***Academic and Behavior Agreement***

***Parents / Guardians and students,***

***Please review all academic, attendance/tardy and behavior policies in the course syllabus and the Thomas Jefferson High School Student Handbook. All policies are school-wide policies and will be enforced in Ms. Starbuck’s classroom. Please adhere to the Behavior, and particularly the Electronics Policy stated in the student handbook. Please feel free to call with any questions or concerns.***

***Have a great year! I hope to see you …***

***Wednesday September 6th. – Back to School Night! 5 - 7 pm***

Comments or concerns:

**I have read and discussed the Thomas Jefferson High School Student Handbook and the expectations for**

**Advanced Algebra II Honors class and student academic, attendance and behavior expectations with my student.**

Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_

Student Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_

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**Christina Parra / Room 126**

**Thomas Jefferson High School Mathematics**

**720-423-7132**

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<http://tj-parra.wikispaces.com/>

**Math tutoring:** Monday,Tuesday and Thursday, 3:00-4:00 pm., Library; Wednesday 2:15-3:00 pm., Room 126  
**BACK TO SCHOOL NIGHT!:** Wednesday September 6

**Parent Teacher Conferences**: Fall and Spring semester dates TBA.