|  |  |
| --- | --- |
| **Course Title:** | Algebra 2 Concepts |
| **Instructor:** | Mrs Haufe |
| **Phone:** | 545-5413 |
| **Room Number:** |  |
| **Email:** |  angelah@susd12.org  |
| **Course Website(s):** | <https://learn.susd12.org>  |
| **Office Hours/After School Availability:** |  Monday, Thursday and Friday: 1:55 – 3:00 |
| **Resources:** | Pearson Algebra 2 e-text, Math XL, Algebra 2 Learn site  |
| **Recommended Supplies:** * Notebook with paper
* Pencil
* Highlighter
* Laptop
* A scientific calculator is suggested for this class. If you purchase a graphing calculator, it is recommended that you purchase a TI-83, TI-83 plus, or TI-Inspire.
 |
| **Course Description:**  This course extends Algebra 1 through a conceptual approach to the study of linear and quadratic equations, polynomials, complex numbers, conic sections, matrices, the Binomial Theorem, and relations and functions, including exponential logarithmic functions. Students who are successful in this course have typically earned credit for Algebra 1, Geometry, and Intermediate Algebra. |
| **Course Outline:** |
| **Quarter 1*** Sequences & Series
* Exponential & Logarithmic Functions

**Quarter 2*** Rational Functions
* Periodic Functions & Trigonometry
 | **Quarter 3*** Probability & Statistics

**Quarter 4*** Matrices
* Trig. Identities & Equations
 |
| **Grading Policy:** 90-100% A 80-89% B | 70-79% C 60-69% D | 0-59% F  |

|  |
| --- |
| **Grading System:**  **Assignments/Notes/Study Plan*** Each set of notes is worth 10 points.
* Each assignment is worth 10 points. Work must be shown, even on Math XL assignments.
* Each assignment is due the **following class** and no later than the day of the Mid-Chapter or Chapter Test for late credit.
* Each mastery point on the **STUDY PLAN** is worth 4 points. You only need to earn an 80% on a topic to get the mastery point.

**Quizzes/Tests*** The point value of the quizzes and tests for a chapter will equal that of assignments, notes and study plan.
* If a student is absent on the day of the quiz/test, (s)he will take the test **after** school.
* A missed test **should** be made up before the day of the next Chapter Test.
* If a student is not pleased with his/her Test grade, **after completing all missing assignments and Study Plan for that test**, a retake Test may be taken after school. The higher grade will be the one recorded.

  |
| **Classroom Procedures and Expectations:**  * When the tardy bell rings, be in your assigned seat ready to begin with charged laptops on.
* Bring materials everyday (laptop, **CHARGER**, notebook, paper, pencil, highlighter).
* Follow directions promptly.
* No personal grooming during class time.
* Personal Technological devices are **not to be out or used during class time**. **I will confiscate them!**
 |

I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in Period \_\_\_\_ have read the “Syllabus for Algebra II Concepts” and will follow its procedures, guidelines and policies.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

STUDENT SIGNATURE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 PARENT SIGNATURE

Return this portion with both signatures and you will earn **20 Extra Credit** Assignment points.