**Reynolds High School**

**Algebra 2**

*Building Relationships for Academic Success*

**Instructor: Clair Thiel Phone: 503-667-3186 (ext. 1136)**

**Room Number: 704 Email Address:** cthiel@rsd7.net

**Required Textbooks/Materials –**

* Spiral Notebook & Writing Utensils
* Math Section in 3 Ring Binder
* Algebra 2 Textbook will be linked on Schoology, but they are available for checkout in the library.
	+ I’ll let you know when you will need a book!
* Participation on technology when assigned

**Course Description** **–**

This class will build on the algebra learned in Algebra 1 and allow you to extend your knowledge towards more sophisticated ways of thinking mathematically. This course has been required by many 4-year universities to be considered for enrollment, but Oregon has recently removed this requirement. If you are thinking about applying to a 4-year university, check what their requirements are for your third year math option and what kind of grade you need to get in this class!

**Course Requirements** **–**

As an Algebra 2 student, you are responsible for:

1. **Attending class**
	1. Communicating with Ms. Thiel when you’re gone to get caught up on missing assignments and lessons
	2. Everything we do will be in OneNote or Schoology, so you have access to all our notes. If you’re gone, you can check OneNote/Schoology using your phone outside of class or your school assigned computer and come to class prepared with the notes you missed.
2. **Trying hard when you’re in class**
	1. Take notes with Ms. Thiel during class & attempt all practice sets.
		* Keep your spiral organized, so you can find everything!
	2. Active engagement in the class activities is the key to quality learning
	3. Keeping your phone away and out of your learning space
	4. Take all assessments
3. **Ask for help when you get stuck**
	1. If you don’t understand the material being taught, it is the student’s responsibility to ask their teacher for help BEFORE they are assessed.
	2. Making appointments with Ms. Thiel at lunch or after school is suggested.
	3. Attending Raider 2 Raider after school is always an option, Monday through Thursday from 4:00pm – 6:00pm. There are activity busses that can take you home, one leaves at 5:00 pm and the other leaves at 6:00 pm. You will need to complete a SUN form to attend regularly.

**Grading Policy Description** –

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| --- | --- | --- | --- |
| **Mastery** | **Classwork** | **“Homework”** | I will have your grades updated about every two weeks, you can always check your grades on StudentVue. |
| 75% | 15% | 10% |
| Leveled Unit TestsProjects (SMP Tasks) | QuizzesFeedback Journal | Unit Progress Trackers |

**Letter Grade Description & Percentage Breakdown –**

|  |  |  |
| --- | --- | --- |
| **Grade Percentage** | **Letter Grade** | **Description** |
| **95%** | **A** | The student fully understands the content and the course objectives have been mastered. |
| **85%** | **B** | The student understands the content and course objectives at an above average level. |
| **75%** | **C** | The student understands the course content and course objectives at an average level. |
| **65%** | **D** | The student does not understand the course content and a minimum of course objectives are met. |
| **50%** | **F** | The student has not met a sufficient number of course objectives to pass a minimum level and receives no credit.  |
| **0%** | **N** | The student has not completed work of any kind during class. An N will only show up in the gradebook. This is not a type of final course grade. |

**Late Work/Retake Policy –**

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| --- | --- |
| **Late Homework** | **Assessment Retakes** |
| All homework will be part of each student’s spiral notebook and for their use of practice on each skill. Assignments that are turned in for a grade can be turned in when it is done.All progress trackers and feedback journals for each quarter can be turned in up until the last day of the quarter it had been done within. | All tests are available for a retake after you complete a test revision exploration, which will ask you to correct your mistakes and reflect on your errors/misconceptions. After your revisions are complete, you may be asked to retake the test if you and Ms. Thiel deem it necessary. All revisions and retakes must be completed for the assessments in each quarter. For example, no revisions or retakes for tests taken in 1st Quarter will be available after the quarter is over. |

**Course Schedule/Outline of Units –**

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| --- | --- |
| **Semester 1** | **Semester 2** |
| Unit 1: Linear & Absolute Value FunctionsUnit 2: Graphing Quadratic FunctionsUnit 3: Solving Quadratic Equations (& Complex Numbers)Unit 4: Polynomial Functions | Unit 5: Rational Exponents & Radical FunctionsUnit 6: Exponential & Logarithmic FunctionsUnit 7: Rational FunctionsUnit 8: Mathematical Modeling |

**Class Expectations** **–**

* All students must follow the POWER expectations of being:
	+ Prepared & Punctual
	+ Organized
	+ Writers
	+ Engaged
	+ Respectful