

Spaulding High School  
2021-2022 Course Syllabus

**Course Title: Algebra 2**

**Department: Mathematics**

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**Course Description:**

This is a one-semester course with a rapid progression of topics such as: recursion, functions, relations, transformations, exponential and logarithmic properties, composite and inverse functions, higher degree polynomials and quadratics. The examination of these topics is embedded in real life situations such as projectile motion and modeling. To be successful students must complete daily work and be disciplined to read, listen, and think independently.

**Topics/Areas of Study/Units of Study:**

See attached standards and performance indicators.

**Materials/Text(s):**

Some of these will be required on tests/quizzes.

- Graphing Calculator: TI-83 plus or TI-84
- 3-ring binder (2"-2½" )
- Composition Book
- Pencils and erasers
- Loose-leaf Paper
- Graph Paper
- Chromebook

**Replacement cost(s): No book will be given out.**

**Practice:**

Students are expected to participate in class work, group work, and extra practice. These are not counted towards proficiencies, but merely as practice to strengthen their abilities.

**Assessment/Reassessment:**

Every standard and indicator will be assessed. If you are not proficient, you will be given ample opportunities to reassess to show your proficiency. This reassessing should be done during advisory sessions, before, or after school.

**\*\*\*You must conference with me before you reassess. You will need to complete test corrections AND the practice/homework to reassess.\*\*\***

**If you get a developing on a standard, you *should* work on it right away to reach proficiency. Procrastination will not help you in the end.**

In order to be eligible for callback day at the end of the semester, students need to be within 3 indicators to come in if the work to reassess has been completed.

**Academic Expectations**

- Be Respectful. Not being respectful will result in a warning. If it continues, then a write up will follow.
- Bring your chromebook to in person class. We will be using it to supplement learning.
- Cell phones are to remain in pockets or bags throughout class. If there is an emergency, please let me know ahead of time. Otherwise, we will have a cell phone holder.

- If you are going to be absent from class I expect you to go to the google classroom to get the notes and the homework assignment. Please contact me if you're confused about the material and we can set up advisory time to work together.
- Every student is expected to make mistakes, but to succeed, students must learn from them.
- If you are interested in exploring a different way of doing something, feel free to try it and let me know about it! We are always open to finding new and interesting ways to work together and create activities.
- Students are expected to work with peers and teachers within the class respectfully and productively.
- If you find you're struggling with the content, I expect you to reach out to me so I can either arrange a time for us to talk or arrange some tutorial times for you with Mr. Willis in Tide Pool.
- Cheating could result in inability to earn Exemplary in the class.

Students/Parents/Guardians: Please accept the google classroom invite as a guardian to see weekly updates, assignments, and acknowledge you have read this syllabus.

## Spaulding High School

### 2021-2022 Overall Course Performance Grading Guideline

COURSE PERFORMANCE RATING	GPA Value	GRADING CRITERIA
Exemplary	4.0	<ul style="list-style-type: none"> <li>• <b>All</b> standards are Exemplary or Proficient, <b>AND</b></li> <li>• <b>Majority</b> of standards are Exemplary</li> </ul>
Partially Exemplary	3.5	<ul style="list-style-type: none"> <li>• <b>All</b> standards are Exemplary or Proficient, with at least one standard being Exemplary</li> </ul>
Proficient	3.0	<ul style="list-style-type: none"> <li>• <b>All</b> standards are Proficient</li> </ul>
Partially Proficient	2.5	<ul style="list-style-type: none"> <li>• <b>All required</b> standards are Exemplary or Proficient, <b>AND</b></li> <li>• <b>Majority</b> of standards are Proficient, <b>AND</b></li> <li>• <b>No</b> standards are Beginning or Insufficient Evidence</li> </ul>
Developing	2.0	<ul style="list-style-type: none"> <li>• <b>Majority</b> of standards are Developing.</li> </ul>
Beginning	1.0	<ul style="list-style-type: none"> <li>• <b>Majority</b> of standards are Beginning.</li> </ul>
Insufficient Evidence	0.0	<ul style="list-style-type: none"> <li>• <b>Majority</b> of the standards are Insufficient Evidence.</li> </ul>

\*Honors and AP courses would add an additional 0.33 to the GPA score.

## List of Key Important Dates to help you plan accordingly:

### August

- Freshman Orientation 8/30
- 1st Day for everyone 8/31 (Day 0)

### September

- Unit 1 Functions and Transformations Test 9/16
- Reassessment Day #1 9/17
- In-Progress Report Day # 1 9/20 and PAS Day #1 9/21
- Unit 2 Fun with Polynomials Test 9/30

### October

- Reassessment Day #2 10/1
- Staff Development Day 10/8
- In-Progress Report Day #2 10/11 and PAS Day #2 10/12
- Parent-Teacher Conferences 10/13
- Unit 3 Quadratics/Graphing Polynomials Test 10/15
- Reassessment Day #3 10/18
- Unit 4 Higher Order Polynomials Test 10/28
- Reassessment Day #4 10/29
- End of Quarter 1/In-Progress Report Day #3 10/29

### November

- PAS Day #3 11/1 (?)
- Unit 5 Rational Functions Test 11/9
- Reassessment Day #5 11/10
- Veteran's Day (No School) 11/11
- Unit 6 Exponents and Functions Test 11/19
- Reassessment Days #6 11/22 + 11/23
- In-Progress Report Day #4 11/22 and PAS Day #4 11/23
- Thanksgiving Break 11/24 -11/26

### December

- Unit 7 Logarithms Test 12/6
- Reassessment Day #7 12/7
- In-Progress Report Day # 5 12/20 and PAS Day #5 12/21
- Unit 8 Trigonometry Test 12/21 and 12/22 Possibly
- Reassessment Day #8 12/22
- Winter Break 12/23/21 - 1/2/22

### January

- Unit 9 Series Test 1/10
- Reassessment Days 1/11 -14
- Martin Luther King Jr. Day (no School) 1/17
- Staff Development Day 1/18
- Reassessment Days/Call Back Days 1/19 -1/21