# Course Syllabus
## Algebra 2 with Statistics
## Instructor: Hunt, Travis

**Dear Parent/Guardian,**

**Welcome to my class. Please do not hesitate to contact me with any concerns about the progress of your child. Please submit acknowledgment of receipt and review of the syllabus for this course.**

**Thank you,**

**Travis W. Hunt**

**My child and I have read and discussed the classroom syllabus.**

Student Name (Print) _____   Date _____

Student Signature _____   Date _____

Parent/Guardian Name (Print) _____   Date _____

Parent/Guardian Signature _____   Date _____

Email Address(es) _____

Phone number(s) _____     _____     _____
                              Cell                                    Home                                   Work

**James Clemens High School**
*11306 County Line Road*
*Madison, AL 35756*

**Phone: 256-216-5313**
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**Course Description:**
Provide a more in-depth treatment of algebraic concepts presented in Algebra 1 while introducing several higher-level topics. Quadratic equations function graphing, systems of equations and inequalities, and trigonometry are topics expanded in this course. Complex numbers, exponential and logarithmic functions, and matrices are introduced. Statistics focuses on inferential statistics, which allows students to draw conclusions about populations and cause-and-effect based on random samples and controlled experiments.

**Course Objectives:**

**http://alex.state.al.us/browseMath.php**

**Classroom Rules and Expectations:**

**Be respectful.**

**Be on time.**

**Be prepared.**

**Accommodations:** Requests for accommodations for this course or any school event are welcomed from students and parents.

**Concerning Laptop Utilization:** Student laptops should not be hard-wired to the network or have print capabilities. 2. Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers. 3. Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops. 4. Laptops and other electronic devices will be used at the individual discretion of the teacher.

**Grading Policy:**
Test grades will account for 70% of the 9-weeks grade, with the remaining 30% being determined by quiz/daily grades. The grading scale is as follows: A (90-100%), B (80-89), C (70-79), D (65-69), and F (below 65). Grades will be a reflection of mastery of the standards. Make sure all absences are excused as class work can be made up and graded for excused absences only. The final exam counts for 20% of the final grade.

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**Make-Up Work Policy:**

> **Makeup tests are to be arranged by the student as soon as possible and no later than the first day back to class. Students will be allowed to turn in homework assignments late up until the end of the unit in which the assignment is given (the day of the test for the unit is the last day). Late credit will be awarded instead of full credit if an assignment is turned in late.**

**Course Materials:**

> **Pencil, paper, laptop / chrome book and a calculator.**

**Texts/Required Readings:**
> **Big Ideas Math Algebra 2**
> **Dr Ron Larson**
> **Dr Laurie Boswell**

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| 18 - WEEK PLAN* | |
|---|---|
| **Week 1** | Linear Functions |
| **Week 2** | Quadratic Functions |
| **Week 3** | Quadratic Equations and Complex Numbers |
| **Week 4** | Quadratic Equations and Complex Numbers Continued |
| **Week 5** | Polynomial Functions |
| **Week 6** | Polynomial Functions Continued |
| **Week 7** | Rational Exponents and Radical Functions |
| **Week 8** | Rational Exponents and Radical Functions Continued |
| **Week 9** | Rational Functions |
| **Week 10** | Rational Functions Continued |

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| Week 11 | Trigonometric Ratios and Functions |
|---|---|
| Week 12 | Trigonometric Ratios and Functions Continued |
| Week 13 | Data Analysis and Statistics |
| Week 14 | Data Analysis and Statistics Continued |
| Week 15 | Matrices |
| Week 16 | Matrices Continued |
| Week 17 | Review |
| Week 18 | Final Exam |

**\* This syllabus serves as a guide for both the teacher and student; however, during the term it may become necessary to make additions, deletions or substitutions.**