Secondary Math II

2018-19

Teacher: Dennis Long

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Room #

Course Description: Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations.

Chapter Topics:

1. Functions & Exponents

2. Polynomial Equations & factoring

3. Graphing Quadratic functions

4. Solving Quadratic Equations

5. Probability

6. Relationships within triangles

7. Quadrilaterals and other polygons

8. Similarity

9. Right triangles and trigonometry

10. Circles

11. Circumference, Area, and Volume

**Expectations**

1. Develop a strong work ethic (do your homework – go above & beyond!)

2. Do you best (not shoddy, sloppy or incomplete)

3. Be respectful in class

4. Study for quizzes and tests

5. Have a positive attitude toward learning

Homework:

Homework will be assigned on a daily basis and will generally be done in class. Problems are to be written out (except story problems) and work completely shown in order to receive credit. Answers must be circled, boxed or highlighted. Homework must be done in pencil.

Extra Credit:

No extra credit will be given to students who have a “B” grade or lower for their homework grade. Extra credit will have a maximum credit of 4 percentage points toward one’s grade. Extra credit is given out at the discretion of the teacher and should not be counted on to boost one’s grade. Extra credit must be turned in one week before the end of the semester.

Absent/Sick Policy:

If you are absent it is your responsibility to find out the assignment and to turn it in. You will be given 1 day per class missed to turn in missing work. Quizzes must be made up within 2 days of returning to school.

Grading weight:

Homework 20%

Quizzes 40%

Tests 30%

Participation 10%

Class Consequences for being off task:

1. Nonverbal warning

2. Verbal warning

3. Owe time after class

4. Email to parent

5. 30 minute after school detention/email to parent (possible referral to office)

Thank you for reading my disclosure. If you have any further questions, please don’t hesitate contacting me.

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Student Signature Date