



2014 Fall Syllabus – 12th Grade Mathematics

Student Expectations

- You are on time when you are in your assigned seat, your HW is turned in, your materials are on your desk, and you are working on the Warm-Up by 10:40 am (or immediately after Student Meeting ends).
- You will be prepared for every class period. This means having a pencil, your notebook, and your finished HW every day it is due.
- Upon entering the classroom, you have entered a formal learning environment. Your conduct will be appropriate, respectful, and helpful towards all others in the classroom.
- Full participation in all lessons, discussions, partner work, group work, and assignments is required. You will have the opportunity to work with every person in this class, and nothing other than your best work will be accepted.

Grading Policy

- If you miss class, you are responsible for getting your missing work from me either before your absence or immediately upon your return.
- Homework and assignments that are turned in late will only be worth half credit.
- Missing assignments and make-up quizzes or tests can only be turned in or made up within the current unit of study.
- Assessments (quizzes, tests & projects).....30%
- Class Work.....20%
- Participation (on-time, prepared, & actively engaged).....20%
- Notebook (warm-ups, summaries, organization, daily notes).....20%
- Homework.....10%

Required Supplies

- Pencil (preferred) or pen
- 3-Ring binder with dividers
- 1 Spiral notebook
- Notebook paper AND Graph paper
- 1 Box of Kleenex
- 1 Pack of dry erase markers



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Important Dates

1st Quarter: 8/27/2014 – 10/23/2014

Unit 1: Similarity and Trigonometry

Unit 1 Quiz 1: 9/17/14

- Applying similarity to right triangles
- Multiplying and dividing expressions with radicals
- Adding and subtracting expressions with radicals

Unit 1 Assessment: 10/22/14

- Useful ratios
- Sine, cosine, and tangent
- Complementary and special angles
- Using trigonometry to determine area
- Applying the laws of sine and cosine

2nd Quarter: 10/27/2014 – 12/19/2014

Unit 2: Polynomials

Unit 2 Quiz 1: 11/19/14

- Multiplying and dividing polynomials
- Comparing methods of division
- Mental math and estimation
- Radicals and conjugates
- The special role of zeroes in factoring

Final Exam: 12/17/14

- Factoring – obstacles and mastery
- Graphing factored polynomials
- The remainder theorem
- Modeling riverbeds with polynomials



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Printed Student Name _____ **Date** _____

Student Signature _____

Printed Parent Name _____ **Date** _____

Parent Signature _____

Home Phone: _____ **Cell or Work Phone:** _____

Email Address: _____

Parents, please **initial** next to the following statements:

_____ I understand my child's success depends on my involvement and support. I understand I can monitor my child's attendance and grade by logging into Engrade. I should **not** wait until the end of the quarter or semester to discuss concerns. It is an expectation of Mrs. Parker that I do this on a weekly basis and talk with my child about his/her grade and attendance. I know that I can email or call Mrs. Parker at any time.

_____ I understand that there are extra support opportunities for my child if he/she is struggling in class. This includes homework club after school and tutoring.

_____ I will provide my child with all necessary learning supplies and make sure that my child comes to class prepared to learn DAILY. If I cannot provide the necessary learning supplies, I will contact Mrs. Parker.