

*In order to focus on student success, provide quality instruction, and communicate openly and honestly with students and parents, secondary teachers will publish a course syllabus each term.*

## 2008-2009 Course Syllabus for Algebra I Term 3

**Teacher:** Fayard **E-mail:** [brenda.fayard@biloxischools.net](mailto:brenda.fayard@biloxischools.net)

**Teacher's Web Site:** <http://www.biloxischools.net/schools/bjh/faculty/brenda.fayard>

**Objectives:** This is a general overview of what the teacher will teach and what the student is expected to master.

- Draw conclusions and make predictions from scatterplots.
- Find the equation of a trend line for a set of data points.
- Use a calculator and linear regression to find the line of best fit.  
TEST
- Simplify Square Roots.
- Use the Pythagorean Theorem to solve for lengths of a right triangle.
- Use the Pythagorean Theorem to determine if a triangle is right.
- Use the Pythagorean Theorem to solve real-life problems.
- Use the distance formula to find distance between two points in a coordinate plane.
- Solve real-life problems with the distance formula.
- Use the midpoint formula to find the midpoint between two points in a coordinate plane.
- Solve real-life problems with the midpoint formula.  
TEST
- Use graphical methods to solve systems of linear equations.
- Use algebraic methods to solve systems of linear equations.
- Solve real-life problems with systems of equations.  
TEST
- Graph and analyze inequalities in two variables.
- Write inequalities in two variables.
- Use algebraic and graphical methods to solve systems of linear inequalities.
- Solve & graph non-linear functions (absolute-value and quadratic)  
TEST

### Tests and Grades

**Grading:** A=90-100 B=80-89 C=75-79 D=70-74 F=below 70 I=incomplete  
Grading follows the policies of Biloxi Public Schools. A mid-term progress report and a report card following the end of each term are issued. The student's current grades are available via Internet IOD. (<http://iod.ssts.com/Home.asp?state=MS>)

**Tests:** Unit tests are 55% of the daily average. Specific dates will be announced in class and posted on website. There will be approximately 3-4 unit tests and 3 Accelerated Math tests per term. All missed tests will be expected to be made up on the day of return to school except in cases of extended absence prior to the test.

**Re-test Requirements:** Student must attend tutoring sessions to be determined by the teacher and retest within 10 days of receiving test grade. Retests will be allowed for major unit tests only. You must do all of your required work in order to be eligible for a retest. If all of your assignments are not completed with the work shown by the time the original test is given you will not be allowed to retest. You will not be allowed to take a retest if you habitually misbehave and or sleep in class when a specific unit is being taught.

**Homework/Assignments/Projects:** Homework is assigned for each daily lesson and is due the following day. Late assignments will only be accepted due to absence from school. One day per day of absence is allowed for makeup. **No late assignments will be accepted after completion of the unit or without work shown.**

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**Course Requirements: Students will be required to pass the State Algebra Exam administered at the end of this course to receive credit for this course.**

**Important Dates:**

Midterm progress report: 2/12/09 Term exam: 3/12-3/13/09 Report card: 3/19/09

**Additional comments:** In order for students to be successful in this class, they should take advantage of all additional help and resources offered to them. Students and parents should visit my website (<http://www.biloxischools.net/schools/bjh/faculty/brenda.fayard>) frequently for helpful resources such as unit study guides, additional practice worksheets, lesson plans, class notes, and tutorial resources. **Re-teach/re-test sessions are before school every morning except on Mondays.** Students wishing to retest must make arrangements to attend during these times and bring required material.