**Brookwood High School**

High School Course Syllabus

**Course Title** **Integrated Algebra** **Term** Fall, 2011  
Teacher Mrs. Furman room # B30

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| Email Address **Teacher Web Page** | Crystal\_Furman@gwinnett.k12.ga.us |
| Teacher Support | Help sessions are available after school from 2:15PM to 2:55PM in room B6. |

Course Description**:** This course includes radical, polynomial and rational expressions; basic functions and their graphs; simple equations.

Prerequisite: 8th Grade Mathematics

### Course Curriculum Content

The entire list of Academic, Knowledge and Skills for each of the following curriculum strands in this course can be accessed through the district web address at www.gwinnett.k12.ga.us

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| **AKS Strands** | **Units/Topics** |
| 1. Process Skills   E. Algebra  G. Reading Across the curriculum | 1. Algebra: Linear Functions 2. Algebra: Polynomials and Quadratic Functions 3. Algebra: Cubic, Square Root, and Rational Functions |

### Instructional Materials and Supplies

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| **Published Materials** | **Instructional Supplies** |
| Text: McDougal Littell Mathematics 1  Cost: $69.48 | 1. Pen and Pencil 2. Graph Paper 3. Scientific Calculator 4. 1” Notebook dedicated for Math |

**Evaluation and Grading**

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| **Assignments** | **Grade Weights** | **Grading Scale** |
| Classwork & Homework  Unit Tests  Quizzes  Final Exam  Performance Final | Daily/Quizzes 30%  Homework 5%  Midterm 5%  Unit Tests 40%  Final Exam 15%  Performance Final 5% | A: 90 and above  B: 80 – 89  C: 74 – 79  D: 70 – 73 F: 69 or below |

**Other Information**

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| **Expectations for Academic Success** | **Additional Requirements/Resources** |
| 1. Work problems daily 2. Ask questions 3. Participate constructively as a team member 4. Challenge yourself to continuously improve | * Tutoring Available * On line text - classzone.com |

*The syllabus may be updated as needed throughout the semester.*