**Duluth High School**

High School Course Syllabus

 **Course Title** **College Preparatory Statistics** **Term** Fall, 2013
Teacher Mr. Curlette room # 505

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| Email Address**Teacher Web Page** | Email: David\_Curlette@gwinnett.k12.ga.us Website: www.CurletteMath.com |
| Teacher Support(Help sessions etc.) | Help sessions are available before and after school on Tuesdays and Thursdays in Room 505. |

### Course Description This course is designed to help students learn how to apply statistical methods in problem-solving. An integral component of the course is collecting, representing, and processing data as students learn about the interrelated­ness of probability and statistics. Opportunities are pro­vided for students to model statistical methods, derive probabilities, and make inferences.

### 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** |
| A - Exploring One-Variable DataB - Exploring Two-Variable DataC - SamplingD - Probability and SimulationE - InferenceF - Analysis  | Chapter 1 - Introduction to Statistics Chapter 2 - Descriptive StatisticsChapter 3 – ProbabilityChapter 4 - Discrete Probability DistributionChapter 5 - Normal Probability DistributionChapter 6 - Confident IntervalsChapter 9 - Correlation and Regression |

### Instructional Materials and Supplies

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| **Published Materials** | **Instructional Supplies** |
| Elementary Statistics: Picturing the World 4th Edition Larson FarberCost **$89.97** if lost, stolen, or damaged. | 1. Notebook – 3 ring binder or spiral
2. Pencils – for notes, quizzes, tests
3. Graph Paper – for making charts
4. Calculator – recommended
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**Evaluation and Grading**

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| **Assignments** | **Grade Weights** | **Grading Scale** |
| Daily WorkBook WorkWorksheetsQuizzesProjects Unit TestsMidtermFinal Exam (Performance & Multiple Choice) | Formative Assessments Classwork & Homework 5% Quizzes / Projects 30%Summative Assessment Midterm 5% Tests 40%Final Exam Performance Final 5%Multiple Choice Final 15% | A: 90 and aboveB: 80 – 89C: 74 – 79D: 70 – 73F: 69 or below |

**Other Information**

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| **Expectations for Academic Success** | **Additional Requirements/Resources** |
| 1. Ask questions
2. Answer questions in class
3. Complete ALL Assignments
4. Participate constructively as a team member
5. Challenge yourself to continuously improve6) Be prepared to think throughout class everyday

 ***“Early is on time, On time is Late, and Late is Unacceptable”*** | * Tutoring Available
* Helpful Resources
* Community Support Services
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*The syllabus may be updated as needed throughout the semester.*