**Duluth High School**

High School Course Syllabus

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

|  |  |
| --- | --- |
| 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

|  |  |
| --- | --- |
| **AKS Strands** | **Units/Topics** |
| A - Exploring One-Variable Data B - Exploring Two-Variable Data  C - Sampling  D - Probability and Simulation  E - Inference  F - Analysis | Chapter 1 - Introduction to Statistics  Chapter 2 - Descriptive Statistics Chapter 3 – Probability Chapter 4 - Discrete Probability Distribution Chapter 5 - Normal Probability Distribution Chapter 6 - Confident Intervals Chapter 9 - Correlation and Regression |

### Instructional Materials and Supplies

|  |  |
| --- | --- |
| **Published Materials** | **Instructional Supplies** |
| Elementary Statistics: Picturing the World 4th Edition Larson Farber  Cost **$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 |

**Evaluation and Grading**

|  |  |  |
| --- | --- | --- |
| **Assignments** | **Grade Weights** | **Grading Scale** |
| Daily Work  Book Work  Worksheets  Quizzes  Projects  Unit Tests  Midterm  Final 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 above  B: 80 – 89  C: 74 – 79  D: 70 – 73 F: 69 or below |

**Other Information**

|  |  |
| --- | --- |
| **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 improve 6) 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 |

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