

Buford High School

HIGH SCHOOL COURSE SYLLABUS

COURSE TITLE	Statistical Reasoning	TERM	2018-2019
TEACHER	Kent Wiginton	ROOM #	209

Email Address	kent.wiginton@bufordcityschools.org
Teacher Web Page	www.bhswiginton.weebly.com
Teacher Support (Help sessions etc.)	I will be available before school every Tuesday and Thursday from 7:10 – 7:40. I will be available after school until 3:30 on most days.

COURSE DESCRIPTION

Statistical Reasoning is a fourth mathematics course option for students who have completed Algebra II, Advanced Algebra, Accelerated Geometry B/Algebra II, or Accelerated Analytic Geometry B/Advanced Algebra. Students will formulate statistical questions to be answered using data, will design and implement a plan to collect the appropriate data, will select appropriate graphical and numerical methods for data analysis, and will interpret their results to make connections with the initial question.

Prerequisites: Pre-Calculus (may be taken concurrently)

COURSE CURRICULUM CONTENT

The Georgia Performance Standards for this course can be accessed online at georgiastandards.org.

GEORGIA PERFORMANCE STANDARDS	UNITS/TOPICS
A. The GPS (Georgia Performance Standards) can be accessed online at https://www.georgiastandards.org .	<ol style="list-style-type: none"> 1. Getting Started: What is Statistics 2. Exploring and Understanding Data 3. Normal Distributions 4. Bivariate Data 5. Gathering Data 6. Randomness and Probability 7. Sampling Distributions 8. Inference with Statistics

INSTRUCTIONAL MATERIALS AND SUPPLIES

Published Materials	Instructional Supplies
<i>Understanding Basic Statistics</i> , Brace and Brace. 2010 <i>Stats: Modeling the World</i> , Bock, Velleman, and De Vaux 3 rd ed. 2010 Online Text Available	<ol style="list-style-type: none"> 1) Pencil 2) Notebook WITH PAPER 3) Graphing Calculator (TI-84)

EVALUATION AND GRADING

Assignments	Grade Weights	Grading Scale
Class work, Homework, & Quizzes	Daily 20%	A: 90 and above
Unit Tests	Tests 40%	B: 80 - 89
Benchmarks (including Final Exam)	Benchmarks 30%	C: 70 - 79
Writings and Performance Essay	Writings 10%	F: 69 or below
	*Late work will be accepted only one day late for a max of 70% credit.	

Honor Code Policy:

All BHS students will strictly adhere to the BHS Honor Code which is posted on the BHS website. For any violation of the BHS Honor Code, students will receive a 0 and be referred to the administration.

FINAL GRADE CALCULATION:

Benchmarks (30%)	Tests (40%)	Daily (20%)	Writings (10%)
Benchmark 1 – 100 points Benchmark 2 – 200 points FINAL EXAM – 600 points **Final Exam or EOCT can replace a Benchmark grade. Student must PASS the Final Exam in order to replace a grade.	Tests will be given approximately every 2 weeks. Students will be notified at least one week in advance as to the date of a test.	Daily grades will be based on homework assignments, class work, but primarily through the administering of quizzes throughout a given week.	The Performance Essay (5%) is a detailed writing assignment requiring students to recall content knowledge in essay form. There will be 5 additional writings for 1% each throughout the semester.

IMPORTANT DATES:

<u>Fall Semester</u>	<u>Spring Semester</u>
Benchmark #1 – September 13th Benchmark #2 (mid-term) – November 2nd Performance Essay – October 15th	Benchmark #1 – February 11th Benchmark #2 – April 16th Performance Essay – March 25th

Attendance Excused Absence Policy:

Students who are granted **Excused Absent** status for days missed will be subject to the following:

- **All pre-assigned work will be due on the day of a student’s return from an absence.**
- **For assignments which did not have a pre-assigned due date during the time of the student’s absence, students will be given five days to arrange for make-up work or follow other arrangements granted by the teacher.**

UPON RETURNING TO SCHOOL, IT IS THE STUDENT’S RESPONSIBILITY TO MAKE ARRANGEMENTS WITHIN 5 DAYS TO MAKE UP WORK.

ALL POLICIES OUTLINED IN THE BCSS STUDENT CODE OF CONDUCT AND THE BHS STUDENT HANDBOOK WILL BE FOLLOWED IN THIS CLASSROOM.

I have read and I understand the syllabus for Statistical Reasoning.

Student's name: _____

Student's signature: _____

Student's email: _____
(please print)

Parent's name: _____

Parent's e-mail:
(please print)

Parent's signature: _____