

# Buford High School

## HIGH SCHOOL COURSE SYLLABUS

<b>COURSE TITLE</b>	<b>AP Statistics</b>	<b>TERM</b>	<b>2018-2019</b>
<b>TEACHER</b>	<b>Kent Wiginton</b>	<b>ROOM #</b>	<b>209</b>

<b>Email Address</b>	<a href="mailto:kent.wiginton@bufordcityschools.org">kent.wiginton@bufordcityschools.org</a>
<b>Teacher Web Page</b>	<a href="http://www.bhswiginton.weebly.com">www.bhswiginton.weebly.com</a>
<b>Teacher Support</b> (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 *(Published in the Choice Book)*

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns 2. Sampling and Experimentation: Planning and conducting a study 3. Anticipating Patterns: Exploring random phenomena using probability and simulation 4. Statistical Inference: Estimating population parameters and testing hypotheses.

Prerequisites: Pre-Calculus (may be taken concurrently)

### COURSE CURRICULUM CONTENT

The Georgia Performance Standards for this course can be accessed online at [georgiastandards.org](http://georgiastandards.org).

GEORGIA PERFORMANCE STANDARDS	UNITS/TOPICS
A. The GPS (Georgia Performance Standards) can be accessed online at <a href="https://www.georgiastandards.org">https://www.georgiastandards.org</a> . B. More information on AP Statistics can be found online at <a href="http://apcentral.collegeboard.com/">http://apcentral.collegeboard.com/</a>	1. Exploring and Understanding Data 2. Exploring Relationships Between Variables 3. Gathering Data 4. Randomness and Probability 5. From Data to the World at Large 6. Learning about the World 7. Inference When the Variables are Related

### INSTRUCTIONAL MATERIALS AND SUPPLIES

Published Materials	Instructional Supplies
<i>Stats: Modeling the World</i> , Bock, Velleman, and De Vaux 3 <sup>rd</sup> ed. 2010 Online Text Available	1) Pencil 2) Notebook WITH PAPER 3) Graphing Calculator (TI-84)

### EVALUATION AND GRADING

Assignments	Grade Weights	Grading Scale
Class work, Homework, & Quizzes	Daily 10%	A: 90 and above
Unit Tests	Tests 50%	B: 80 - 89
Benchmarks (including Final Exam)	Benchmarks 30%	C: 70 - 79
Writings and Performance Essay	Writings 10%	F: 69 or below
	<i>*Late work will be accepted only one day late for a max of 70% credit.</i>	

## OTHER INFORMATION

Expectations for Academic Success	Additional Requirements/Resources
<ol style="list-style-type: none"> <li>1. Work on problems EACH NIGHT</li> <li>2. Ask questions and come for help if needed</li> <li>3. Participate constructively as a study group member</li> <li>4. ALWAYS have your calculator in class</li> <li>5. Review multiple sources of information</li> <li>6. Challenge yourself to continuously improve.</li> <li>7. Students who apply these skills each day will be the most successful.</li> </ol>	<ul style="list-style-type: none"> <li>• Tutoring Available and recommended.</li> <li>• AP Study Guides and Solutions Manuals</li> <li>• Hands on activities (may require items to be brought in)</li> <li>• <b>8 after/before hour sessions –school sessions in preparation for AP Stat Exam (Spring Semester only)</b></li> <li>• <b>Students will be required to take the AP Stat Exam at 12:30 on May 16, 2018; a passing score on the AP Exam represents the potential for college credit.</b></li> </ul>

### 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 (50%)	Daily (10%)	Writings (10%)
<p><b>Benchmark 1 – 100 points</b>  <b>Benchmark 2 – 200 points</b>  <b>FINAL EXAM – 600 points</b></p> <p><b>**Final Exam can replace a Benchmark grade. Student must PASS the Final Exam in order to replace a grade.</b></p> <p><b>10 points will be added at the end of the semester for AP classes if the student passes the course. The 10 points will not be added to a failing grade.</b></p>	<p><b>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.</b></p>	<p><b>Daily grades will be based on homework assignments, class work, but primarily through the administering of quizzes throughout a given week.</b></p>	<p><b>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.</b></p>

### 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 AP Stat.**

Student's name: \_\_\_\_\_

Student's signature: \_\_\_\_\_

Student's email: \_\_\_\_\_  
(please print)

Parent's name: \_\_\_\_\_

Parent's e-mail:  
(please print)

Parent's signature: \_\_\_\_\_