South Windsor High School
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## 2023 - 2024 COURSE EXPECTATIONS

| Course Name: | AP Statistics |
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| Teacher Name(s) | Email | Phone |
|---|---|---|
| Andrew Brindisi | abrindisi@swindsor.k12.ct.us | (860) 474-1131 |

**Course Overview:** A.P. Statistics is the equivalent of an introductory college-level course in Probability and Statistics.  The course addresses four broad themes related to the study of data as a science: describing data, designing a study, probability, and statistical inference.

**Vision of the Successful Student And Core Competencies:**
The successful student will…
- demonstrate the ability to solve problems using correct mathematical processes.
- effectively communicate, orally and in writing, the processes and reasoning used to arrive at solutions.
- make connections and effectively apply learned material to new situations.
- identify whether or not a solution is reasonable and revise if necessary.
- use technology to enhance mathematical literacy.
- demonstrate academic integrity as outlined in the Bobcat Student Handbook.
- be a collaborative individual who learns from and contributes to the classroom environment.
- exhibit appropriate behavior for the classroom, including respect, responsibility and engagement.

**Materials and Resources to Support Student Learning:**
Calculators will be a part of our everyday work in this class, and students are welcome to use them as a tool on most work.  *The Texas Instruments TI-83/TI-84/TI-89 graphics calculator (any version) is required for all students enrolled in A.P. Statistics* since it is the technology of choice in our text, and is integrated into the exploration of data throughout the course (we will focus on the TI-84, which will be available for use in the classroom).  Students will need the TI-83, TI-84, or TI-89 to do the problem sets required for homework and in class, and will use these calculators to complete the A.P. Examination in May.  *Please contact the teacher immediately* if there is an issue with obtaining a TI-83, TI-84, or TI-89 calculator for use in this class.
Support websites:
· *College Board Statistics Page:*  https://apstudent.collegeboard.org/apcourse/ap-statistics
· *Online Textbook:*  http://www.highschool.bfwpub.com/launchpad/tps5e/21630956
· *Text Support Website:*  http://www.macmillanlearning.com/catalog/studentresources/tps5e
· *AP Stats Support Resources:*  apstatsmonkey.com
· *Khan Academy Videos and Tutorials:*  https://www.khanacademy.org/math/ap-statistics
· *Against All Odds: Inside Statistics Videos:* https://www.learner.org/series/against-all-odds-inside-statistics

| Evidence of Student Learning:  Gradebook Categories | | |
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| Assessments | 80% | ● Activities that allow students to demonstrate mastery and application of taught concepts and skills<br>● May vary in format and occur at various points through the unit.<br>● Assessments may include (but are not limited to):<br>　○ problem sets<br>　○ quizzes<br>　○ tests<br>　○ performance tasks<br>　○ projects |
| Learner Tasks | 20% | ● Activities that provide opportunities to practice content and skills when mastery would not yet be expected<br>● Accountability for timely completion and submission of assignments<br>● May vary in format and occur at various points through the unit.<br>● Learner tasks may include (but are not limited to):<br>　○ homework, classwork, practice problem sets (homework grade based on effort and completion of problems with work shown, not on correctness of answers; homework will be checked on a random basis in this course)<br>　○ warm-ups, check-ins, exit passes,<br>　○ work habits, engagement, readiness for class |

**Late Work:**

● The day the homework is due, it is worth five points if it is complete.  One to four points will be given if it is partially complete, depending on percent of problems attempted.  A student can receive up to three points for a complete assignment one class day late, up to two points for a complete assignment two class days late, and up to one point for a complete assignment three class days late.  Within four class days, the student can no longer receive credit (unless the student had an excused absence, in which case they have five class days to complete the assignment).
● It is the student's responsibility to show any make-up work to the teacher as soon as it is completed in order to get the most credit possible.
● Students who miss work (including tests) due to an absence must have the absence excused by the office in order to be able to complete the work for full credit. Any such work must be made up within five school days.

**Please refer to Bobcat Student Handbook for the full Academic Integrity policy.**