



South Windsor High School
 161 Nevers Road
 South Windsor, CT 06074
 (860) 648-5000
 website: www.southwindsorschools.org/highschool

2023 - 2024 COURSE EXPECTATIONS

Course Name:	INTRODUCTION TO STATISTICS
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Teacher Name(s)	Email	Phone
Mike West	mwest@swindsor.k12.ct.us	860-474-1490

Course Overview:
 Introduction to Statistics is designed to expose students to the same topics typically encountered in 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, both orally and in writing, the processes and reasoning used to arrive at a solution.
- 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 effectively investigate and analyze data.
- 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 being respectful, responsible and actively engaged.

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 or TI-84 graphing calculator (any version) is required for all students enrolled, since it is the technology of choice in our text, and is integrated into the exploration of data throughout the course. Students will need the TI-83/84 to do the problem sets required for both homework and class work, and will use these calculators on tests and quizzes. Please contact the teacher immediately if there is an issue with obtaining a graphing calculator for use in this class.

Support websites:

- <http://ebooks.bfwpub.com/sta2e> (activation code required)

Evidence of Student Learning: Gradebook Categories		
Assessments	80%	<ul style="list-style-type: none"> · Activities that allow students to demonstrate mastery and application of taught concepts and skills · May vary in format and occur at various points through the unit. · Assessments may include (but are not limited to): <ul style="list-style-type: none"> o problem sets o quizzes o tests o performance tasks o projects
Learner Tasks	20%	<ul style="list-style-type: none"> · Activities that provide opportunities to practice content and skills when mastery would not yet be expected · Accountability for timely completion and submission of assignments · May vary in format and occur at various points through the unit. · Learner tasks may include (but are not limited to): <ul style="list-style-type: none"> o homework, classwork, practice problem sets o warm-ups, check-ins, exit passes, o work habits, engagement, readiness for class

With teacher permission, students will be given opportunities to retake certain assessments/assignments.

Late Work:

- Late work accepted up until the material is assessed (i.e. quiz, test).
- Full credit earned for homework completed on-time; reduced credit for homework submitted late; homework not submitted earns no credit.
- Students who are absent will have additional time to complete assignments without penalty as described in the Bobcat Handbook.

Please refer to the Bobcat Student Handbook for the full academic integrity policy.