South Windsor High School
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2023-2024 COURSE EXPECTATIONS

Course Name:	Precalculus

Teacher Name(s)	Email	Phone
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Course Overview:
Precalculus is a course focused on using a variety of functions to model real-world situations and make predictions. It also previews calculus with an introduction to limits. Types of functions investigated may include linear, quadratic, exponential, rational, logarithmic, power, polynomial, rational, and trigonometric; these functions will be studied from a calculus perspective, with a focus on end behavior and limits. The use of technology, such as graphic calculators is incorporated throughout the course to investigate these functions.

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:

- On-line Text http://connected.mcgraw-hill.com (you will need your password and username to access)
- https://www.khanacademy.org/
- http://patrickjmt.com/

- https://www.desmos.com/

Evidence of Student Learning: Gradebook Categories		
Assessments	80%	● 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): ○ problem sets ○ quizzes ○ tests ○ performance tasks ○ projects
Learner Tasks	20%	● 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): ○ homework, classwork, practice problem sets ○ warm-ups, check-ins, exit passes, ○ work habits, engagement, readiness for class

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

Late Work:

- Late work is 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.