



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

## 2023 - 2024 COURSE EXPECTATIONS

<b>Course Name:</b>	Preparatory for College Mathematics I
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Teacher Name(s)	Email	Phone
Jason Grosso Jason Pantages	<a href="mailto:jgrosso@swindsor.k12.ct.us">jgrosso@swindsor.k12.ct.us</a> <a href="mailto:jpantages@swindsor.k12.ct.us">jpantages@swindsor.k12.ct.us</a>	860-474-1636 860-474-3255

**Course Overview:** This course provides students the opportunity to develop as well as strengthen the skills and understanding that are essential for further mathematical study at the college level. Topics covered include linear and quadratic functions, exponents and radicals, exponential and logarithmic functions, rational algebraic expressions, systems of equations, and graphs with applications. This course is designed to prepare students for success on college math placement exams and in future math courses.

### 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:

#### Bob Miller's Math for the Accuplacer Text Book

- <http://www.khanacademy.org>
- <http://www.desmos.com>
- <http://geogebra.org>

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

*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 Bobcat Student Handbook for the full Academic Integrity policy.**