

MATH ADVISEMENT for SCC Concurrent Enrollment Students

All the following sequences require competency in reading, arithmetic and basic algebra. High school students can demonstrate this competency with appropriate ACCUPLACER or SAT scores as noted.

Students planning to major in the social sciences, humanities, or business may choose:		
MAT 140 Survey of Mathematics	<i>and</i>	MAT 151/151A Statistics (and Lab)
or		
MAT 161 College Algebra	<i>and</i>	MAT 151/151A Statistics (and Lab)
ACCUPLACER scores required: Reading ≥ 80 , Arithmetic ≥ 55 , <u>and</u> Algebra ≥ 75 SAT scores required: Critical Reading ≥ 500 , <u>and</u> Math ≥ 500 While still in high school, a PSAT Critical Reading score ≥ 50 can be accepted in lieu of SAT Critical Reading.		

Those planning to major in elementary or middle school education may choose:		
MAT 141 Mathematical Concepts I	<i>and</i>	MAT 142 Mathematical Concepts II
ACCUPLACER scores required: Reading ≥ 80 , Arithmetic ≥ 55 , <u>and</u> Algebra ≥ 75 SAT scores required: Critical Reading ≥ 500 , <u>and</u> Math ≥ 500 While still in high school, a PSAT Critical Reading score ≥ 50 can be accepted in lieu of SAT Critical Reading.		

Students planning to major in the sciences (including pharmacy, pre-med, high school math/science teacher, engineering, science, or math) need as much of the following math sequence as possible:		
MAT 161 College Algebra	<i>and</i>	MAT 162 College Trigonometry
and/or		
MAT 171/171A Pre Calculus Algebra (and Lab)	<i>and</i>	MAT 172/172A Pre Calculus Trigonometry (and Lab)
and/or		
MAT 175/175A Pre Calculus (and Lab)	<i>and</i>	MAT 271 Calculus
ACCUPLACER scores required: Reading ≥ 80 and Arithmetic ≥ 55 for all courses; Algebra ≥ 75 for MAT 161, 162, 171; Algebra ≥ 96 for MAT 175 SAT scores required: Critical Reading ≥ 500 for all courses; Math ≥ 500 for MAT 161, 162, 171; Math ≥ 600 for MAT 175 While still in high school, a PSAT Critical Reading score ≥ 50 can be accepted in lieu of SAT Critical Reading.		

Those students intending to use community college math courses to satisfy the fourth high school math requirement, and planning to attend a UNC system school directly upon graduation from high school, must choose MAT 171/171A and MAT 172/172A, MAT 175, or MAT 271 to meet the MCR for UNC admission.