

UDC-CC Accuplacer Next-Gen Test Placement Chart		
Test	Score	Placement
Writing	200-249	ENGL 015C AND IGED 110C
		(taken as corequisites)
	250-300	IGED 110C
Reading	200-262	ENGL 015C AND IGED 110C
		(taken as corequisites)
	263-300	IGED 110C
Arithmetic	200-220	MATH 015C
	221-255	IGED 120C (Lab) or MATH 105C (SI)
	256+	Quantitative Reasoning, Algebra, &
		Statistics (QAS) TEST
Quantitative	200-255	IGED 120C or MATH 105C
Reasoning, Algebra, &	256	
Statistics (QAS)	256+	Advanced Algebra and Functions (AAF)
Advanced Algebra	200-255	MATH 113C OK MATH 116C
and Functions (AAF)	256-300	MATH 151C OR MATH 155C

Exempt Students:

Sentence Skills

Students may meet the college readiness requirement in reading and writing by documenting any one of the following:

- SAT I Verbal score of 480 or higher or SAT Critical Reading score of 480 or higher or SAT Evidence-Based Reading and Writing (EBRW) section score of 480 or higher
- ACT English score of 20 or higher
- College Level English, Composition, or Foundation Writing classes with a passing grade of C or better
- AP English Language and Composition/AP English Literature and Composition score of 3 or higher
- IB English Language or IB English Literature score of 4 or better

Mathematics

Students may meet the college readiness requirement in math by documenting any one of the following:

- SAT: SAT Math score of 500 or higher (exam date prior to March 2016)
- SAT Math Section (exam date March 2016 and thereafter), score of 530 or higher
- ACT Math score of 21 or higher
- College Level Algebra, Quantitative Reasoning, Pre-Calculus, Finite Math, or Statistics classes with a passing grade of C or better
- AP Calculus AB/BC, AP Statistics, AP Precalculus or AP Computer Science score of 3 or better
- IB Mathematics score of 4 or better



UDC-CC COURSE DESCRIPTIONS:

ENGL 015C English Fundamentals (3)

Introduces the basics of the writing process that provide a foundation for clear and effective written expression by emphasizing grammatical correctness, sentence clarity, and paragraph effectiveness.

IGED 110C Foundation Writing I (3)

The Foundation Writing sequence consists of two 3-credit Interdisciplinary General Education courses that focus on improving students' critical reading and writing skills while exploring a given academic theme. The goal of these courses is to teach students how to read and write with skill and ease. Students learn to express ideas and thoughts using a range of written forms that consider content, audience, and professional standards. They study a variety of graphic and textual material using multiple approaches to reading, interpretation, and comprehension.

MATH 005C Basic Mathematics (3)

Equips beginning college students with basic mathematics skills. Introduces the decimal numeration system, including an examination of the arithmetic of whole numbers, rational numbers as common fractions and as decimals, percent's, ratios and proportions, arithmetic of integers, properties of order, and geometric formulas. Lec. 3 hrs.

IGED-120C Foundation Quantitative Reasoning (3)

Foundation Quantitative Reasoning seminars are Interdisciplinary General Education courses that focus on improving students' quantitative reasoning skills while exploring a given academic theme. The goal of these courses is to teach students how to reason using the language and strategies of mathematics. Students analyze data, find connections among and between quantitative relationships and communicate their findings using a variety of formats within different settings and to diverse audiences. By using a variety of strategies, students solve problems in a variety of real-world contexts.

MATH 015C Introductory Algebra (3)

Equips students with the basic algebraic skills for students who have not demonstrated competency in algebra. Examines properties of whole numbers, integers, rational numbers, and real numbers graphing. Covers the solution of equations and inequalities, exponents, polynomials and factoring. Also examines rational expressions, scientific notation, roots and radicals. Lec. 3 hrs., Prereq: 005C or appropriate scores on the Mathematics Placement Test.

MATH105C Intermediate Algebra (3)

Develops basic geometric ideas, the real number system and algebraic expressions, radicals, rational expressions, first degree equations and inequalities, quadratic equations, the Cartesian plane, and systems of equations. Provides intermediate algebra instruction for students with competence in introductory algebra but who require additional preparation prior to enrollment in courses that lead to calculus (e.g., MATH 113 or MATH 115). Lec. 3 hrs. Prereq: appropriate score on the Mathematics Placement Test.

MATH 113C Pre-calculus with Trigonometry I (3)

Designed primarily for students preparing to take calculus, this course examines algebraic notation and symbolism, exponents and radicals, algebraic functions, solutions of linear and quadratic equations and inequalities, relations and functions, rational functions and their graphs, conic sections, exponential and logarithmic functions and the appropriate graphs. Lec. 3 hrs., Prereq: 105C. Important note: credit will be given for only one of the following courses: MATH 112C, MATH 114C, or MATH 115C.

MATH 116C Finite Mathematics (3)

Investigates systems of linear equations, matrices and linear programming; elementary functions, especially logarithmic and exponential functions; and applications to business situations. Lec. 3 hrs., Prereq: MATH 105C or appropriate scores on the Mathematics Placement Test.

MATH 151C Calculus I (3)

Examines concepts and skills for limits and continuity, derivatives and their applications, integrals, the Fundamental Theorem of Calculus, and elementary transcendental functions. Includes computer laboratory as an integral part of the course. Lec. 3 hrs., Co-req: MATH 155C; Prereq: MATH 439114C or permission of the Department of Mathematics.

MATH 115C Calculus I Lab (1)

Explores theoretical concepts and applications of Calculus I in an experimental environment. Designed to employ symbolic, numerical, and graphics capabilities of a computer algebra system. Lab 2 hrs., Co-req: MATH 151C.

UDC-CC Testing Office Torri Hayslett Assessment Director