

as of 10/16 /2012	Course	Title	Credit	Gen Ed	Transfers to UHM (SHATATR)	Transfers to UHH (SHATATR)	Transfers to UHWO (SHATATR)	Prereqs	Course description
MAN	none								
HIL	MATH 103	Intro to College Algebra	3		MATH ELEC		MATH 103		For students who need to improve algebraic skills prior to taking Pre-calculus or Applied Calculus, or for courses in Introductory Chemistry, Physics or Statistics. Topics include exponents and radicals, factoring, systems of equations, linear equations, quadratic equations, general properties of functions, graphing, polynomial functions, exponential and logarithmic functions.
WOA	MATH 103	College Algebra	3	FS	MATH FS	MATH 103		C or better in MATH 25 or 83 within last two years or placement into MATH 103	This course follows the elementary algebra sequence and will prepare students for pre-calculus, statistics, or other courses requiring algebraic, geometric or symbolic thinking and deduction. Students will apply algebraic and geometric techniques to solve problems, including simplifying, factoring, and/or solving radical expressions; linear, quadratic, absolute value, and literal equations; and working with inequalities, complex numbers, quadratic systems, logarithms, and introductory functions and graphs.
HAW	MATH 103	College Algebra (not in 2012-13 catalog)	3		MATH ELEC	MATH 103	MATH 103	ENG 102 Prereq, MATH 103 Placement/Qualifier	This course is a continuation of topics from Intermediate Algebra. Topics of study include algebraic equations and inequalities, absolute value, polynomial, rational, exponential and logarithmic functions, conic sections, systems of combinatorics, probability and/or mathematical induction.
HAW	MATH 110	College Algebra	3		not evaluated	MATH 103	MATH 103	C or better in MATH 27 or placement in MATH 110; ENG 21 or placement in ENG 102	This course is a continuation of topics from Intermediate Algebra. Topics of study include algebraic equations and inequalities, absolute value, polynomials, rational, exponential and logarithmic functions, conic sections, systems of equations and inequalities, matrices and determinants. Additional topics may include sequences and series, combinatorics, probability and/or mathematical induction.
HON	MATH 103	College Algebra	3	FS	MATH FS	MATH 103	MATH 103	C or higher in MATH 25 or placement in MATH 103	An extension of the elementary algebra sequence designed to prepare students for precalculus. Topics include simplification of algebraic and radical expressions, factoring, solutions of linear, quadratic, absolute value and literal equations and inequalities, complex numbers, solution of linear and quadratic systems, logarithms and an introduction to functions and their graphs.
KAP	MATH 103	Fundamentals of College Algebra	3	FS	MATH ELEC	MATH 103	MATH 103	C or higher in MATH 25 or placement in MATH 103	MATH 103 extends topics introduced in the elementary algebra sequence and prepares students for precalculus. Instruction includes units on algebraic simplification of polynomial, rational, exponential, and radical expressions, as well as solving equations and inequalities involving absolute value, polynomial, rational, exponential, and radical expressions, and the graphing of lines and parabolas. The topic of functions is introduced early in the course and is integrated in the subject matter throughout the course.
KAU	MATH 103	College Algebra	3	FS	MATH ELEC	MATH 103	MATH 103	C or higher in MATH 25 or placement	This course is a continuation from Elementary Algebra. Topics of study include exponents; algebraic equations and inequalities; absolute value; polynomial, rational, exponential, and logarithmic functions; conic sections; systems of equations and inequalities; matrices; and determinants.
LEE	MATH 103	College Algebra	3	FS	MATH FS	MATH 103	MATH 103	C or better in MATH 82 or 83, or qualifying placement within the past two years	Functions, graphs, and their properties are studied by generalizing and interpreting techniques initially introduced in elementary algebra. Simplification techniques are used to define, simplify, and derive elementary properties of linear, quadratic, rational, exponential and logarithmic functions. Equation, system, and inequality solving techniques are used to determine the domain and range, and analyze the nature of the roots and intersection points, of functions and graphs.
MAU	MATH 103	College Algebra	3	FS	MATH FS	MATH 103	MATH 103	MATH 82 w/C or better or MATH 103 placement; ENG 22 w/C or ENG 100 placement	Analyzes and interprets the behavior and nature of functions including linear, polynomial, exponential, log, absolute value, and piecewise-defined functions' solves systems of equations; models and solves real world applications.
WIN	MATH 103	College Algebra	4	FS	MATH FS	MATH 103	MATH 103	C or better in MATH 25 or 29 or placement	Linear equations, inequalities, systems of equations, polynomials, functions, fractional expressions and equations, exponents, powers, roots, quadratic equations and functions; rational, exponential and logarithmic functions.