

COREQUISITE DEVELOPMENTAL (DECO)

DECO-0001. Composition Support Retake. (0 Credits)

Provides an intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. In addition, this course seeks to improve students' critical reading and academic writing skills through extensive integrated instruction emphasizing skills and techniques related to vocabulary, grammar, comprehension, paragraph elements, essay structure, and critical analysis.

DECO-0014. Support for Algebraic Thinking Retake. (0 Credits)

Provides an intensive study and applications of polynomial, rational, radical, exponential and logarithmic functions and systems of equations using matrices. Additional topics in this course will include sequences, series, probability and conics as well a study of relations and functions, inequalities, algebraic expressions and equations (absolute value, polynomial, radical, rational) with a special emphasis on linear and quadratic equations, integer arithmetic, problems, operations with polynomials, factoring polynomials and graphs of linear equations.

DECO-0024. Support Bus Math Think Retake. (0 Credits)

Intended for Business and Accounting majors. Topics include the application of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities, systems of linear equations; matrices, linear programming, and probability, including expected value.

DECO-0032. Support for Mathematical Thinking Retake. (0 Credits)

Topics include introductory treatments of sets and logic, financial mathematics, probability and statistics with appropriate applications. Number sense, proportional reasoning, estimation, technology, and communication are embedded throughout the course. In addition, this course will include an introduction to real numbers and inequalities; use of calculators; introduction to integers, combining, multiplying, and dividing integers; converting fractions, decimals, and percents; square roots; rounding; basics of percents, including increase and decrease; exponents and scientific notation; order of operations; algebraic expressions and formulas; linear equations in one variable; and bar, line, and circle graphs.

DECO-0042. Support for Statistical Thinking Retake. (0 Credits)

A study of the collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals, and hypothesis testing. In addition, this course includes: study skills; numeracy; ordering, intervals, and operations of the real numbers; algebraic concepts; symbolic notation; summation; percentages; formulas; inequalities; conversions; graphical concepts; scientific notation; factorials.

DECO-0301. Composition Support. (3 Credits)

(3-3-0) This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Provides an intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. In addition, this course seeks to improve students' critical reading and academic writing skills through extensive integrated instruction emphasizing skills and techniques related to vocabulary, grammar, comprehension, paragraph elements, essay structure, and critical analysis.

DECO-0314. Support for Algebraic Thinking. (3 Credits)

(3-3-0) This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Provides an intensive study and applications of polynomial, rational, radical, exponential and logarithmic functions and systems of equations using matrices. Additional topics in this course will include sequences, series, probability and conics as well a study of relations and functions, inequalities, algebraic expressions and equations (absolute value, polynomial, radical, rational) with a special emphasis on linear and quadratic equations, integer arithmetic, problems, operations with polynomials, factoring polynomials and graphs of linear equations.

DECO-0324. Support Bus Math Think. (3 Credits)

(3-3-0) This course is taken for academic credit. Students will earn an A, B, C, D, F, or W.

DECO-0332. Support for Mathematical Thinking. (3 Credits)

(3-3-0) This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. Topics include introductory treatments of sets and logic, financial mathematics, probability and statistics with appropriate applications. Number sense, proportional reasoning, estimation, technology, and communication are embedded throughout the course. In addition, this course will include an introduction to real numbers and inequalities; use of calculators; introduction to integers, combining, multiplying, and dividing integers; converting fractions, decimals, and percents; square roots; rounding; basics of percents, including increase and decrease; exponents and scientific notation; order of operations; algebraic expressions and formulas; linear equations in one variable; and bar, line, and circle graphs.

DECO-0342. Support for Statistical Thinking. (3 Credits)

(3-3-0) This course is taken for academic credit. Students will earn an A, B, C, D, F, or W. A study of the collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals, and hypothesis testing. In addition, this course includes: study skills; numeracy; ordering, intervals, and operations of the real numbers; algebraic concepts; symbolic notation; summation; percentages; formulas; inequalities; conversions; graphical concepts; scientific notation; factorials.