

ALGEBRA INTENSIVE PATHWAY MATH COURSES

FUNDAMENTALS OF MATH

Description

Offered through the CCS Adult Basic Education department. This course provides you with instruction in arithmetic and pre-algebra. Not for credit but success in the class guarantees admission to Math 87 or Math 93. Contact the mathematics department for information on when this course is offered

MATH 93 ALGEBRA I

Description

This course covers beginning algebra concepts for students without high school algebra or those who need a review. Topics will include algebraic expressions, linear equations, lines, linear regression, inequalities, and graphing. Prerequisite: MATH 87 or 91 with a 2.0 or better; or appropriate placement score.

MATH 94 ALGEBRA II

Description

This course is a continuation of MATH 93. Topics include exponents, radicals, power functions, quadratic (models, equations, translations), and right angle trigonometry. Prerequisite: MATH 91 or MATH 93 with a 2.0 or better within the last three years or appropriate placement score.

MATH 98 ALGEBRA III

Description

This course is a continuation of MATH 94 and covers intermediate algebra skills. Topics include sequences, rational expressions and equations, basic functions that include but are not limited to absolute value, exponential and logarithmic. Prerequisite: MATH 94 with a 2.0 or better or an appropriate placement score.

MATH 98/MATH 141 SMART START

Description

In this course you sign up for a special section of Math 98: Intermediate algebra and the course covers all the topics from both Math 98 and Math& 141. If successful students will receive credit for Math& 141 at the end of the course. There is a required basic skills lab every day in addition to class time.

MATH 108 COLLEGE ALGEBRA

Description

This course is a concentrated study of the topics traditionally found in College Algebra. The curriculum includes a quick and intense review of topics from Intermediate Algebra, including algebraic expressions, polynomials, equations, problem solving, complex numbers, radicals, and graphing. Additional topics include functions and solving radical equations and polynomial inequalities. Appropriate use of technology is incorporated. Prerequisite: MATH 97 or 98 or 99 with a 2.0 or better within the last three years or appropriate placement score. **ONLY OFFERED AS PART OF A CO-REQUISITE PAIRING WITH MATH& 141**

MATH& 141 PRE-CALCULUS I

Description

This course covers college algebra skills, which include polynomial, rational, exponential, and logarithmic functions, systems of equations and matrix solutions, and graphs of polynomial functions. Other topics may include sequences, series and summations. Prerequisite: MATH 98 or MATH 99 with a 3.0 or better within the last three years or MATH 108 with a 2.0 or better within the last three years or appropriate placement score.

MATH 201 INTRODUCTION TO FINITE MATHEMATICS

Description

This course covers basics of mathematical models, including linear, quadratic and polynomial functions, systems of linear equations and inequalities, linear programming and matrices. Elementary concepts of probability and simulation are introduced. Particular emphasis is placed on business and social applications. Prerequisite: MATH 97, 98 or 99 with a 2.0 or better within the last three years; or appropriate placement score.