

ROWAN UNIVERSITY  
Department of Mathematics

Syllabus  
**Mathematical Modeling & Algebraic Reasoning**  
MATH 01.528    3 S.H.

Students in this course will learn about polynomial, rational, and exponential functions by building and analyzing mathematical models for a variety of situations. Using algebraic representations, problem solving, using technology, connecting abstract algebra with middle grades mathematics, and fluency with algebraic procedures will be stressed.