

## **ALGEBRA 1**

*Requirement area:* **Math or Elective**

*Course code:* MAL112/MAS000

*Grade Level:* 9, 10, 11, 12

*Prerequisite:* Pre-Algebra or 8<sup>th</sup> grade math

*Length:* Year long (2.0 credits -1 math and 1 elective)

*Homework:* 0 to 1 hour per week

*Designator:* NCAA

*Description:* This is a two-period class. This class will provide additional time and support for students as they study basic algebraic concepts and skills. Topics include introduction to variables and functions, algebraic properties, solving linear equalities and inequalities, and graphing functions from a rule, table or graph. Students study linear equations and their graphs, solving systems of equations and inequalities, explore exponential, quadratic, and polynomial functions, solve by factoring and solve problems involving probability and statistics.