



DEPARTMENT OF DEFENSE EDUCATION ACTIVITY

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School year

2023 - 2024

Course Description

The online Algebra I (Sem 1) is the first semester of Algebra I, a course required for graduation that is aligned to DoDEA's content standards and the College and Career-Ready Standards for Mathematical Practice. Throughout the course, students will recognize and use properties and laws for operations with real numbers and algebraic expressions, perform basic operations and apply basic factoring techniques on polynomials, recognize linear patterns and work with a variety of representations for linear relations to solve problems, graph quadratic functions and solve problems involving quadratic relationships, and display data in a variety of forms and approximate linear models for appropriate data. Through the content, students will build mathematical habits of mind through reasoning, problem-solving, and mathematical modeling. Algebra I (Sem 2) must also be completed for the full Algebra I credit. Course Note: This course satisfies the Algebra I (.5 of 1 credit) graduation requirement. Algebra I (Sem 2) must also be completed for the full Algebra I credit. This course is offered in Summer or Semester 2 only.

Course Number

MAA301AT

Subject

Mathematics

Grade Levels

9th

10th

11th

12th

School Level

Virtual School

Academic Level

Regular

Credits

0.50

Course Length

18

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