



DEPARTMENT OF DEFENSE EDUCATION ACTIVITY

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School year

2023 - 2024

Course Description

The online Algebra II is a course required for graduation and is aligned to DoDEA's content standards and the College and Career-Ready Standards for Mathematical Practice. Throughout the course, students will investigate the relationship between complex numbers and other real numbers and analyze quadratic relationships with complex solutions, define and use arithmetic and geometric sequences and series to solve problems, analyze the inverse relationship between exponents and logarithms, analyze equations and graphs for conic sections (circle, ellipse, parabola, and hyperbola), and analyze relations, functions, and their graphs. Through the content, students will build mathematical habits of mind through reasoning, problem-solving, and mathematical modeling.

Course Number

MAA4010T

Subject

Math

Grade Levels

9th

10th

11th

12th

School Level

Virtual School

Academic Level

Regular

Credits

1.00
Course Length
36

Printed on Saturday, May 24, 2025 - 19:10. For the latest version of this content please visit
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