

# ALGEBRA II Information Sheet

2023-2024 Academic Year  
Mrs. Josie Braddy  
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Algebra II will cover linear equations, inequalities, graphs, polynomials and radical expressions, quadratic equations, functions, imaginary numbers, exponential and logarithmic expressions, sequences and series, probability and includes in introduction to trigonometry.

**Required materials:** College-ruled notebook paper, graph paper, scientific calculator (T83) and access to Desmos graphing app. The textbook, **McDougal Littell Algebra 2 (2007 edition.)** ISBN-13: 978-0-618-59541-9, is available used on Amazon for reasonable prices.

**Course conduct:** This class will be a cooperative venture between teacher, parent and student. There will be 3-4 assignments per week with an anticipated daily work load of 45-75 minutes. Parents will be given access to worked-out solutions in Google Drive, allowing them to check their student's work daily. I will provide video links for all topics so that any information taught in class can be reinforced throughout the week. Students will hand in graded homework each week. Tests will be taken in class and students may use their book and notes. A review day will always be scheduled before a test.

**Prerequisites:** Algebra 1 and Geometry

**Tuition:** \$45/month (A minimum of 5 students)

**Instructor background:** I taught this class with Excel for 22/23 school year and enjoyed working with some of the best students! I have two children and homeschooled them both for the past 20 years. My son is a Mechanical Engineering graduate from OU and my daughter is currently working through high school courses at Excel. In our home, our favorite subject is mathematics and I hope to share our enjoyment and appreciation of this subject with your student.