

Algebra 2 Requirement for all Majors

All students are required to complete Algebra 2 prior to enrolling at Wentworth Institute of Technology. Students who have been conditionally admitted to their major must submit proof of successful completion of this course (with a 'C' or better) by ***Wednesday, August 26, 2020.***

Algebra 2 at a Community College or High School

You may complete an Algebra 2 course through a high school summer school program or at a community college. Please see below for the specific topics which must be covered in a high school level Algebra 2 course. If you have questions about whether a selected course meets the requirements, please contact the Admissions Office at (617) 989-4000. You will likely be requested to submit a course syllabus for review.

Required topics to be covered in an Algebra 2 course:

- Linear Functions
- Solving Systems of Equations and Inequalities (linear and non-linear)
- Translations of Functions
- Modeling with Functions
- Matrices
- Quadratic Functions and complex numbers
- Conic Sections
- Parametric Equations
- Exponential, Logarithmic, and Logistic Functions
- Polynomial Functions
- Rational Functions
- Radical Functions
- Probability and Statistics

Additionally, these online courses are approved by Wentworth:

- Intro to Algebra 2 & Pre-Calculus through Mindfish ([course link](#))
- Pre-Calculus through StraighterLine ([course link](#)). *This course is more advanced than you will need but it will fulfill the Algebra 2 requirement.*