

Here is a list of sections from the OpenStax free Pre-Calculus textbook that will be used in Math 275 Ordinary Differential Equations.

Text: <https://openstax.org/details/books/precalculus-2e>

[3.1 Complex Numbers](#)

[3.6 Zeros of Polynomial Functions](#)

[8.6 Parametric Equations](#)

[8.8 Vectors](#)

[9.1 Systems of Linear Equations: Two Variables](#)

[9.2 Systems of Linear Equations: Three Variables](#)

[9.4 Partial Fractions](#)

[9.5 Matrices and Matrix Operations](#)

[9.6 Solving Systems with Gaussian Elimination](#)

[9.7 Solving Systems with Inverses](#)

[9.8 Solving Systems with Cramer's Rule](#)

[10.1 The Ellipse](#)

[10.2 The Hyperbola](#)

[11.1 Sequences and Their Notations](#)

[11.2 Arithmetic Sequences](#)

[11.3 Geometric Sequences](#)

[11.4 Series and Their Notations](#)