Algebra 3-4

Option 1 (Junior Sections) – Chapters 1 – 6, 8, 11, No Logarithms/Exponentials to leave more time for preparing for the NeSA Test.

**First Semester**

Unit 1 - Chapter 1 – Expressions, Equations and Inequalities – 3 weeks

Unit 2 - Chapter 2 – Functions, Equations and Graphs – 3 ½ weeks

Unit 4 - Chapter 4 – Quadratic Functions and Equations – 4 weeks

Unit 5 -Chapter 5 – Polynomials and Polynomial Functions – 3 ½ weeks

Final Exams – 1 week

2 days for Acuity Prescreen Testing

NeSA Review – 10 days to use at your discretion

**Second Semester**

Unit 6 - Chapter 6 – Radical Functions and Rational Exponents – 5 weeks

Unit 11 - Chapter 11 – Probability and Statistics – 4 weeks

Unit 8 - Chapter 8 – Rational Functions – 3 weeks

Unit 3 - Chapter 3 – Linear Systems **or** Chapter 10 – Quadratic Relations and Conic Sections – 2 or 2 ½ weeks

Final Exams – 1 week

2 days for Acuity Mid-Year Testing

NeSA Review – 10 days

NeSA Testing – 5 days

Algebra 3-4

Option 2 (Soph/Senior Sections) – Chapters 1 – 8, 10, 11

**First Semester**

Unit 1 - Chapter 1 – Expressions, Equations and Inequalities – 3 weeks

Unit 2 - Chapter 2 – Functions, Equations and Graphs – 3 or 3 ½ weeks

Unit 3 - Chapter 3 – Linear Systems – 2 or 2 ½ weeks

Unit 4 - Chapter 4 – Quadratic Functions and Equations – 3 ½ or 4 weeks

Unit 5 - Chapter 5 – Polynomials and Polynomial Functions – 3 ½ weeks

Final Exams – 1 week

2 days for Acuity Prescreen Testing

**Second Semester**

Unit 6 - Chapter 6 – Radical Functions and Rational Exponents – 5 weeks

Unit 11 - Chapter 11 – Probability and Statistics – 4 weeks

Unit 7 - Chapter 7 – Exponential and Logarithmic Functions – 3 weeks

Unit 8 - Chapter 8 – Rational Functions – 3 weeks

Unit 10 - Chapter 10 – Quadratic Relations and Conic Sections – 2 weeks

Final Exams – 1 week

2 days for Acuity Mid-Year Testing

Standardized Test Review – 10 days (if needed, omit chapter 10)