A1: Algebra2 (One Credit for Semester A)

Functions - 12

	P	M	P	M	P	M	P	M	P	M
Combining functions										
Composing functions										
Modeling situations by combining &...										
Shifting functions										
Stretching functions										
Introduction to inverses of functions										
Finding inverse functions										
Verifying that functions are inverses										
Determining whether a function is...										

Quiz #1										
Quiz #2										
Quiz #3										
Test										

A2: Algebra2 (One Credit for Semester A)

Complex Numbers - 9

	P	M	P	M	P	M	P	M	P	M
What are the imaginary numbers?										
What are the complex numbers?										
The complex plane										
Adding and subtracting complex numb…										
Multiplying complex numbers										

	P	M	P	M	P	M	P	M	P	M
Quiz #1										
Quiz #2										
Test										

Radical Relationships - 4

	P	M	P	M	P	M	P	M	P	M
Solving square-root equations										
Extraneous solutions of radical express…										
Solving cube-root equations										
Domain of radical functions										
Graphs of radical functions										

	P	M	P	M	P	M	P	M	P	M
Test										

A3: Algebra2 (One Credit for Semester A)

Arithmetic with Polynomials - 8

	P	M	P	M	P	M	P	M	P	M
Adding and subtracting polynomials										
Multiplying polynomials										
Long division of polynomials										
Synthetic division of polynomials										
Practice dividing polynomials with rem…										
Polynomial Remainder Theorem										

Quiz #1										
Quiz #2										
Test										

A4: Algebra2 (One Credit for Semester A)

Polynomials - 10

	P	M	P	M	P	M	P	M	P	M
The binomial theorem										
Understanding the binomial theorem										
Factoring polynomials – quadratic forms										
Factoring polynomials – special products										
Advanced polynomial factorization…										
Proving polynomial identities										

Quiz #1										

A5: Algebra2 (One Credit for Semester A)

Polynomials cont'd - 9

	P	M	P	M	P	M	P	M	P	M
Polynomial identities with complex…										
Quadratic equations with complex…										
The Fundamental Theorem of Algebra										
Finding zeros of polynomials										
Zeros of polynomials and their graphs										
End behavior of polynomial functions										
Graphs of polynomials										
Introduction to symmetry of functions										
Symmetry of polynomial functions										

Quiz #2										
Quiz #3										
Quiz #4										
Quiz #5										
Test										