B1: Geometry (One Credit for Semester B)

Right Triangles & Trigonometry - 11

	P	M	P	M	P	M	P	M	P	M
Pythagorean theorem										
Pythagorean theorem proofs										
Special right triangles										
Introduction to trigonometric ratios										
Solving for a side in a right triangle…										
Solving for an angle in a right triangle…										
Modeling with right triangles										
Trigonometric ratios & similarity										
Sine & cosine of complementary…										
Law of sines										
Law of cosines										
Solving general triangles										

Quiz #1										
Quiz #2										
Quiz #3										
Test										

B2: Geometry (One Credit for Semester B)

Solid Geometry - 6

	P	M	P	M	P	M	P	M	P	M
Solid geometry intro										
Density										
2D vs. 3D objects										

Quiz #1										
Quiz #2										
Test										

B3: Geometry (One Credit for Semester B)

Analytic Geometry - 9

	P	M	P	M	P	M	P	M	P	M
Distance and midpoints										
Dividing line segments										
Problem solving with distance on the coordinate plane										
Parallel & perpendicular lines on the coordinate plane										
Equations of parallel & perpendicular lines										

Quiz #1										
Quiz #2										
Quiz #3										
Test										

B4: Geometry (One Credit for Semester B)

Circles - 15

	P	M	P	M	P	M	P	M	P	M
Circle basics										
Arc measure										
Arc length (degrees)										
Introduction to radians										
Arc length (radians)										
Sectors										
Inscribed angles										
Inscribed shapes problem solving										
Properties of tangents										
Standard equation of a circle										
Expanded equation of a circle										
Constructing regular polygons inscribed..										
Constructing circumcircles & incircles										
Constructing a line tangents to a circle										

Quiz #1										
Quiz #2										
Quiz #3										
Quiz #4										
Test										

B5: Geometry (One Credit for Semester B)

Sequences (located in Algebra 1 course) - 13

	P	M	P	M	P	M	P	M	P	M
Introduction to arithmetic sequences										
Constructing arithmetic sequences										
Introduction to geometric sequences										
Constructing geometric sequences										
Modeling with sequences										
General sequences										

Quiz #1										
Quiz #2										
Quiz #3										
Test										