

Informal Geometry – 18 Week Course Syllabus – Mrs. Bolding – Fall 2005

<p>Week 1</p> <p>Points, Lines, and Planes: measure and label angles and segments MAA141 MAA143 MAA242 MAA341 MAA343 MAB142 MAE141 MAC342</p>	<p>Week 10</p> <p>Use ratio and proportions: identify similar polygons: show similar triangles using SSS and SAS MAA143 MAA144 MAA343 MAA441 MAD141 MAD341</p>
<p>Week 2</p> <p>Bisect segments and angles; complementary and supplementary; properties of equality and congruency MAE142 MAE144 MAE341 MAE342 MAA142 MAA141 MAA143 MAC241</p>	<p>Week 11</p> <p>Use triangular proportionality theorem and its converse MAC 342 MAC241 MAC341</p>
<p>Week 3</p> <p>Identify relationships: use theorems about perpendicular lines: identify angles formed by transversals MAA142 MAA143 MAA144 MAA341 MAC141</p>	<p>Week 12</p> <p>Find areas of squares, rectangles and triangles: describe polygons, MAD242 MAD241 MAC342</p>
<p>Week 4</p> <p>Show if two lines are parallel: construct parallel and perpendicular lines: identify and use translations MAC141 MAC242 MAC342 MAB242 MAD142 MAD141</p>	<p>Week 13</p> <p>Find area and circumference for circles. Find area for trapezoids Sectors, chords, and Arc lengths. MAA343 MAC241 MAC341</p>
<p>Week 5</p> <p>Classify and measure triangles: apply Pythagorean theorem and distance formula MAD242 MAB142 MACV141 MAC241</p>	<p>Week 14</p> <p>Find surface area and volume of prisms, cylinders, and pyramids MAA142 MAA144 MAA242 MAA343 MAB241 MAC241 MAC341 MAE341 MAE342</p>
<p>Week 6</p> <p>Identify medians of triangles: use measurement to determine side and angle size MAC141 MAC 241 MAC341 MAC241</p>	<p>Week 15</p> <p>Find surface area and volume for spheres and chords MAA142 MAA143 MAA242 MAA341 MAA343 MAB241 MAC241 MAC 341</p>
<p>Week 7</p> <p>Identify congruent triangles and corresponding parts: show congruency using SSS and SAS MAC 241 MAD242</p>	<p>Week 16</p> <p>Simplify square roots: determine side lengths of 45-45-90 triangles MAC341 MAC241 MAB143</p>
<p>Week 8</p> <p>Using angle and perpendicular bisectors: use reflections and lines of symmetry MAD 242 MAC141</p>	<p>Week 17</p> <p>Determine side lengths of 30-60-90 triangles: begin review ofr final exam MAC341 MAC241 MAB143</p>
<p>Week 9</p> <p>Classify and use properties for Rhombus, rectangles, squares, trapezoids: use properties of parallelograms MAB142MAC141 MAC342 MAC341 MAE141</p>	<p>Week 18</p> <p>Review for final exam... take the exam!</p>