Math 13900 Course Outline

L	Section		Topics
1	16.1	Polygons	review of polygon vocabulary
2	16.2		organizing shapes
3	16.3		triangles and quadrilaterals
4	17.1	Polyhedra	shoeboxes have faces and nets
5	17.2		introduction to polyhedra
6	17.3		representing and visualinzing polyhedra
7	17.4		congruent polyhedra
8	17.5		some special polyhedra
9	18.1	Symmetry	symmetry of shapes in a plane
10	18.2		symmetry of polyhedra
11	19.1	Tessellations	tessellating the plane
12	19.2		tessellating space
13	20.1	Similarity	similarity and dilations in planar figures
14	20.2		more about similar figures
15	20.3		similarity in space figures
16	21.1	Curves, Constructions, and	planar curves and constructions
17	21.1	Curved Surfaces	constructions
18	21.2		curved surfaces
19	22.1	Transformation Geometry	some types of rigid motions
20	22.2		finding images for rigid motions
21	22.3		a closer look at some rigid motions
22	22.5		transformations and earlier topics
23	22.6		promoting visualization in the elementary curriculum
24	23.1	Measurement Basics	key ideas of measurement
25	23.2		length and angle size
26	24.1	Area, surface Area, and Volum	area and surface area
27	24.2		volume
28	25.1	Counting Units Fast:	circumference, area, and surface area formulas
29	25.2	Measurement of Area and Vol	volume formulas
30	26.1	Special Topics in Measuremer	Pythagorean theorem