

### MATH 3120 SPRING 2016 TENTATIVE SCHEDULE

Week Starting	Topics	Chapters
12-Jan	Incidence and order Angles and triangles	1–2
19-Jan	Triangle congruence theorems	3–5
26-Jan	Right angles Theorems of neutral geometry	7–8
2-Feb	Quadrilaterals The parallel axiom	10–11
9-Feb	Parallel projection and similarity Circles	12–14
16-Feb	<b>Test 1</b>	
23-Feb	Constructions Concurrence	16–17
1-Mar	Isometries Reflections	22–23
8-Mar	Spring Break	
15-Mar	Translations Change of coordinates	24, 27
22-Mar	Inversion	33–34
29-Mar	Non-Euclidean geometry	36–37
5-Apr	<b>Test 2</b>	
12-Apr	Poincaré disk Hyperbolic isometries	41–43
19-Apr	Hyperbolic trigonometry hyperbolic area	44–46
26-Apr	Projects	