

MMAT 5120 (2021-22 Term 2)

Week	Thu (6:30pm - 9:15pm)	Quiz	Homework	Tutorial
1	13 Jan Complex numbers			
2	20 Jan Geometric transformations			
3	27 Jan Klein's Erlanger Programm			
4	10 Feb Moebius geometry	Quiz 1 (10 Feb, 8:15pm - 8:45pm): up to Klein's Erlanger Program		
5	17 Feb Moebius geometry (cont'd)			
6	24 Feb Steiner circles			
7	3 Mar Hyperbolic geometry		HW1 (post on 10 Feb, due on Mar 3): up to Moebius geometry	
8	10 Mar Hyperbolic geometry (cont'd); cycles			Tutorial 1 (10 Mar, 8:10pm - 8:55pm)
9	17 Mar Cycles (cont'd); hyperbolic length		HW2 (post on 3 Mar, due on Mar 24): up to hyperbolic geometry	
10	24 Mar Hyperbolic length (cont'd)			
11	31 Mar The upper-half plane model; area		HW3 (post on 17 Mar, due on Apr 7): up to hyperbolic length	
12	7 Apr Area (cont'd); trigonometry			Tutorial 2 (7 Apr, 8:10pm - 8:55pm)
13	14 Apr Optional topics I		HW4 (post on 31 Mar, due on Apr 21): up to trigonometry	
14	21 Apr Final Examination			
15	28 Apr Optional topics II			