

Mathcamp 2024 — Week 2 Schedule [REVISED]

		Tuesday 7/9	Wednesday 7/10	Thursday 7/11	Friday 7/12	Saturday 7/13		
9:10–10 am	M103	Mandatory Assembly (McIntyre 103)	T193	Public key cryptography 🌀🌀 (Athina & Chloe)				
			T197	Alice and Bob go quantum 🌀 (Narmada)				
			W218	Measure and Martin's axiom (week 1 of 2) 🌀🌀🌀 (Susan)				
			W402	⚠️ Intro to combinatorics (graph flavored) 🌀 (Kailee)				
10:10–11 am		<i>EEEE postponed</i>	T193	⚠️ Linear algebra (intro) (week 2 of 2) 🌀🌀 (Mark)				
	T193	Cryptography	T387	Regular languages & word problems 🌀🌀 (Sonya)				
	T197	Alice and Bob	The systems of equations you weren't taught 🌀🌀 (Glenn)					
	W218	Martin's axiom (1/2)	Points on a line, really? 🌀 (Maya)					
	W402	Intro to combinatorics	VC-Dimension 🌀🌀🌀 (Aaron Anderson)					
11:10 am–noon	T171	Problem solving 🌀🌀 → 🌀🌀🌀 (Mark)						
	T197	$\mathbb{R}, \mathbb{C}, \mathbb{H}, \mathbb{O}$ 🌀🌀 (Kevin)						
	T387	An overly convoluted process 🌀🌀 (Ben)						
	W218	The real MCSP (Markov Chains and Stochastic Processes) 🌀 (Alyona & Arya)						
	W402	🌀 Graph on, graph off, or: Why bother with combinatorics when you could do analysis instead? 🌀🌀 (Travis)						
Lunch								
1:10–2 pm	T197	📺 Algorithms for large primes 🌀 (Zach)				noon–2 pm	Wheelock	Lunch (until 1:30 pm) and Advisor Meetings
	T171	🕒📺 Evolution of random graphs 🌀🌀 (Misha)				2–2:30 pm	Wheelock	Ask next week's teachers
	T193	🕒 ⚠️ Introduction to ring theory 🌀 (Eric)				2:40–3:30 pm	T197	Large primes
	T387	Stupid games on infinite sets 🌀🌀🌀 (Susan)					T171	Random graphs
2–4 pm	Thompson	TAU					T193	Ring theory
4:10–5 pm	M103 (Colloquium)	What's in a name? Definable combinatorics (Aaron Anderson)	Obtaining freedom via ping pong (Arya)	Project selection fair (in Thompson)	Algebraic topology and social choice theory (Athina)		T387	Stupid games
Evening	Team Problem Solving					3:40–5:15 pm	Relays near the Obelisk!	

Meals: Breakfast 7–9 am, Lunch 11:30 am–1:30 pm, Dinner 4:30–6:30 pm (Wheelock)

Key: M = McIntyre T = Thompson, W = Weyerhaeuser, [HW] = Homework Required, 📺 = Teacher is joining the class by video
 🕒 = Class meets for 80 minutes 1:10–2:30 pm (through first 30 minutes of TAU), 🌀 = Has continuation as a project ⚠️ = Serves as a prerequisite for several other classes