

# Math087 - Mathematical Modelling - AY2023-2024 spring

George McNinch

## Assignments

Date	DOW	Desc	Seq	Week	Details
01/19	Fri	Assignment		1	no assignment collected
01/26	Fri	Assignment		2	PS01: Optimization
02/02	Fri	Assignment		3	PS02: Linear programming
02/09	Fri	Assignment		4	PS03: Dual linear programs
02/16	Fri	Assignment		5	midterm report 1 (linear programming)
02/23	Fri	Assignment		6	PS04: integer programming & max flow
03/01	Fri	Assignment		7	PS05: matching and finite-state machines
03/08	Fri	Assignment		8	PS06: eigenvalues & Markov processes
03/15	Fri	Assignment		9	midterm report 2 (page-rank)
03/22	Fri	Assignment		10	(no homework – spring break)
03/29	Fri	Assignment		11	PS07: Monte-Carlo methods
04/03	Wed	Assignment		12	Final project proposals due
04/05	Fri	Assignment		12	PS08: binomial & poisson distributions
04/12	Fri	Assignment		13	PS09: recurrence & generating functions
04/19	Fri	Assignment		14	PS10: least squares & inverse problems
04/26	Fri	Assignment		15	
05/03	Fri	Assignment		16	Final Project Due