

# Math087 - Mathematical Modelling - AY2024-2025 spring

George McNinch

## Tasks

Date	DOW	Desc	Seq	Week	Details
01/17	Fri	Assignment		1	no assignment collected
01/20	Mon	Tufts		2	<b>No classes:</b> <i>MLK Day</i>
01/22	Wed	Tufts		2	<b>Academic Date:</b> <i>Last day to add a course</i>
01/24	Fri	Assignment		2	PS01: Optimization
01/31	Fri	Assignment		3	PS02: Linear programming
02/07	Fri	Assignment		4	PS03: Dual linear programs
02/14	Fri	Assignment		5	midterm report 1 (linear programming)
02/17	Mon	Tufts		6	<b>No classes:</b> <i>Presidents' Day</i>
02/19	Wed	Tufts		6	<b>Academic Date:</b> <i>Last day to drop a course without record</i>
02/20	Thu	Tufts		6	<b>Tufts:</b> <i>Monday schedule</i>
02/21	Fri	Assignment		6	PS04: integer programming & max flow
02/26	Wed	Exam		7	<b>in-class quizzes (~20-30 minute)</b>
02/28	Fri	Assignment		7	PS05: matching and finite-state machines
03/07	Fri	Assignment		8	PS06: eigenvalues & Markov processes
03/14	Fri	Assignment		9	midterm report 2 (page-rank)
03/15	Sat	Tufts		9	<b>No classes:</b> <i>Spring Break</i>
03/16	Sun	Tufts		9	<b>No classes:</b> <i>Spring Break</i>
03/17	Mon	Tufts		10	<b>No classes:</b> <i>Spring Break</i>
03/18	Tue	Tufts		10	<b>No classes:</b> <i>Spring Break</i>
03/19	Wed	Tufts		10	<b>No classes:</b> <i>Spring Break</i>
03/20	Thu	Tufts		10	<b>No classes:</b> <i>Spring Break</i>
03/21	Fri	Assignment		10	(no homework – spring break)
03/21	Fri	Tufts		10	<b>No classes:</b> <i>Spring Break</i>
03/22	Sat	Tufts		10	<b>No classes:</b> <i>Spring Break</i>
03/23	Sun	Tufts		10	<b>No classes:</b> <i>Spring Break</i>
03/28	Fri	Assignment		11	PS07: Monte-Carlo methods
04/02	Wed	Exam		12	<b>in-class quizzes (~20-30 minute)</b>
04/02	Wed	Tufts		12	<b>Academic Date:</b> <i>Last day to withdraw from a course with W</i>
04/02	Wed	Tufts		12	<b>Academic Date:</b> <i>Last day to select Pass/Fail Option</i>
04/04	Fri	Assignment		12	PS08: binomial & poisson distributions
04/04	Fri	Assignment		12	Final project proposals due
04/11	Fri	Assignment		13	PS09: least squares & inverse problems
04/18	Fri	Assignment		14	
04/21	Mon	Tufts		15	<b>No classes:</b> <i>Patriots' Day</i>
04/25	Fri	Assignment		15	
04/29	Tue	Tufts		16	<b>No classes:</b> <i>Makeup Day (no classes)</i>
04/29	Tue	Tufts		16	<b>Academic Date:</b> <i>Reading Period</i>
04/30	Wed	Tufts		16	<b>Academic Date:</b> <i>Reading Period</i>
05/01	Thu	Tufts		16	<b>Academic Date:</b> <i>Reading Period</i>
05/02	Fri	Tufts		16	<b>Academic Date:</b> <i>Final Exam Period</i>
05/03	Sat	Assignment		16	Final Project Due
05/03	Sat	Tufts		16	<b>Academic Date:</b> <i>Final Exam Period</i>

Date	DOW	Desc	Seq	Week	Details
05/04	Sun	Tufts		16	<b>Academic Date:</b> <i>Final Exam Period</i>
05/05	Mon	Tufts		17	<b>Academic Date:</b> <i>Final Exam Period</i>
05/06	Tue	Tufts		17	<b>Academic Date:</b> <i>Final Exam Period</i>
05/07	Wed	Tufts		17	<b>Academic Date:</b> <i>Final Exam Period</i>
05/08	Thu	Tufts		17	<b>Academic Date:</b> <i>Final Exam Period</i>
05/09	Fri	Tufts		17	<b>Academic Date:</b> <i>Final Exam Period</i>