

Math087 - Mathematical Modelling - AY2023-2024 spring

George McNinch

Tasks

| Date | DOW | Desc | Seq | Week | Details |
|-------|-----|------------|-----|------|--|
| 01/19 | Fri | Assignment | | 1 | no assignment collected |
| 01/24 | Wed | Tufts | | 2 | Academic Date: <i>Last day to add a course</i> |
| 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) |
| 02/19 | Mon | Tufts | | 6 | No classes: <i>Presidents' Day</i> |
| 02/21 | Wed | Tufts | | 6 | Academic Date: <i>Last day to drop a course without record</i> |
| 02/22 | Thu | Tufts | | 6 | Tufts: <i>Monday schedule</i> |
| 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) |
| 03/16 | Sat | Tufts | | 9 | No classes: <i>Spring Break</i> |
| 03/17 | Sun | Tufts | | 9 | No classes: <i>Spring Break</i> |
| 03/18 | Mon | Tufts | | 10 | No classes: <i>Spring Break</i> |
| 03/19 | Tue | Tufts | | 10 | No classes: <i>Spring Break</i> |
| 03/20 | Wed | Tufts | | 10 | No classes: <i>Spring Break</i> |
| 03/21 | Thu | Tufts | | 10 | No classes: <i>Spring Break</i> |
| 03/22 | Fri | Assignment | | 10 | (no homework – spring break) |
| 03/22 | Fri | Tufts | | 10 | No classes: <i>Spring Break</i> |
| 03/23 | Sat | Tufts | | 10 | No classes: <i>Spring Break</i> |
| 03/24 | Sun | Tufts | | 10 | No classes: <i>Spring Break</i> |
| 03/29 | Fri | Assignment | | 11 | PS07: Monte-Carlo methods |
| 04/03 | Wed | Assignment | | 12 | Final project proposals due |
| 04/03 | Wed | Tufts | | 12 | Academic Date: <i>Last day to withdraw from a course with W</i> |
| 04/03 | Wed | Tufts | | 12 | Academic Date: <i>Last day to select Pass/Fail Option</i> |
| 04/05 | Fri | Assignment | | 12 | PS08: binomial & poisson distributions |
| 04/12 | Fri | Assignment | | 13 | PS09: recurrence & generating functions |
| 04/15 | Mon | Tufts | | 14 | No classes: <i>Patriots' Day</i> |
| 04/17 | Wed | Tufts | | 14 | No classes: <i>Makeup Day (no classes)</i> |
| 04/19 | Fri | Assignment | | 14 | PS10: least squares & inverse problems |
| 04/26 | Fri | Assignment | | 15 | |
| 04/30 | Tue | Tufts | | 16 | Academic Date: <i>Reading Period</i> |
| 05/01 | Wed | Tufts | | 16 | Academic Date: <i>Reading Period</i> |
| 05/02 | Thu | Tufts | | 16 | Academic Date: <i>Reading Period</i> |
| 05/03 | Fri | Assignment | | 16 | Final Project Due |
| 05/03 | Fri | Tufts | | 16 | Academic Date: <i>Final Exam Period</i> |
| 05/04 | Sat | Tufts | | 16 | Academic Date: <i>Final Exam Period</i> |
| 05/05 | Sun | Tufts | | 16 | Academic Date: <i>Final Exam Period</i> |
| 05/06 | Mon | Tufts | | 17 | Academic Date: <i>Final Exam Period</i> |
| 05/07 | Tue | Tufts | | 17 | Academic Date: <i>Final Exam Period</i> |

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| 05/08 | Wed | Tufts | | 17 | Academic Date: <i>Final Exam Period</i> |
| 05/09 | Thu | Tufts | | 17 | Academic Date: <i>Final Exam Period</i> |
| 05/10 | Fri | Tufts | | 17 | Academic Date: <i>Final Exam Period</i> |