Math087 Spring 2026 Syllabus

George McNinch

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Math 087 - Mathematical Modelling

Schedule & Format

- **Professor:** George McNinch <george.mcninch@tufts.edu>
- There is no required textbook for the course. I will post notes – typically in the form of `jupyter notebooks` on the course web site. You can find a link to the course web site on the course's Canvas page.

Course Grading & Expectations

You are expected to keep up with the posted material throughout the course!!

Your grade in the course will be based on *problem sets* (homework), two *quizzes*, two *midterm reports* and a *final report*.

Here are details on these course components:

- *weekly problem sets*,

  Since the class meets on Mondays and Wednesdays, problem sets will be collected weekly on *Fridays* (some weeks, a midterm report – see below – will instead by collected on Friday). Here is the planned collection schedule.

  The problems will be posted on the course website, and your solutions will be submitted to Gradescope – see these remarks concerning use of gradescope.

- 2 *midterm reports* and 1 *final report*

  Note that you will submit a *proposal* for the final report prior to work.

  Here are the dates:

  - midterm report 1 –
  - midterm report 2 –
  - final report proposal due –
  - final report due –

Please refer to the course website where you will find more detailed description of expectations concerning these course components.

Your score in the course will be determined from these grading components by the following (implicit) formula:

Table 1: **Grading**

grade component	percentage
problem sets (average)	35%
midterm report 1	20%
midterm report 2	20%
final report	25%

Your *letter grade* is then determined from this score using the scheme described at this link.

Student Resources

For a list of *student resources*, please see the *syllabus* section of the `Canvas` site for the course.
