

# Math 551 Homework Submission Instructions

- Submit a PDF file to **Homework X** section on Gradescope:
  - Write out your solutions by hand on blank paper or use LATEX (preferred). Each problem should appear on a separate page. The parts of a single problem may appear on the same page. Each part of each problem must be clearly labeled.
  - For questions that require programming, present your numerical results using figures and explain your results (such as why we obtained these results and any potential improvements). All curves and axes should be labeled with readable font sizes and a caption explaining implementation details (such as parameter values) if needed.
  - If you write solutions by hand, use a scanning app on your phone to photograph your work. Gradescope recommends Scannable for iOS or GeniusScan for Android. Do not submit unprocessed jpegs. You can find detailed instructions for scanning your work at <https://help.gradescope.com/article/0chl25eed3-student-scan-mobile-device>
  - Combine solutions of all questions into one PDF file and **do NOT include any code in this PDF file**. All source codes should be uploaded to **Homework X Code**.
  - After you submit your work, you must label the page(s) corresponding to each problem in Gradescope. Gradescope will attempt to do this automatically. If it fails, follow the instructions [https://help.gradescope.com/article/8azyxbu31v-instructor-assignment-manage-uploading\\_scans](https://help.gradescope.com/article/8azyxbu31v-instructor-assignment-manage-uploading_scans)
- Submit all source codes to **Homework X Code** section on Gradescope:
  - Submit ALL source codes that you have used to generate the results. We should be able to reproduce the same results by running your codes.
  - You must submit your codes in the following formats:
    - \* `.m` (MATLAB)
    - \* `.py` or `.ipynb` (Python)
    - \* `.c` or `.cpp` (C or C++)
    - \* `.java` (Java)

Consult the instructor if you plan to submit files in other formats.

  - **Screenshots of code or PDF formats are not acceptable.**
  - Your files should be ready to compile and run without error. No credit will be given for code that does not run or compile.
- Late submissions within 48 hours will receive a 30% penalty.