

University of Pennsylvania
Department of Electrical and System Engineering
Digital Signal Processing

ESE531, Spring 2019 HW0: Matlab Tutorial and Review Thursday, January 17

Due: Not to be turned in.

- **Signals Review:** You should make sure to review your signals background by reviewing the knowledge roundup
https://www.seas.upenn.edu/~ese531/spring2019/knowledge_roundup.html
and using either the OCW or Oppenheim reference to refresh your signals and system knowledge. Both references list 5 topics and resource material as well as practice problems. It is important to bring this information back to the forefront of your memory to follow along in lecture as I will not repeat these fundamental topics in lecture.
- **Matlab Tutorial** You should familiarize yourself with Matlab. While, the homework will help with usage the tutorial posted on the course calendar
https://www.seas.upenn.edu/~ese531/spring2019/handouts/MATLAB_tutorial.m
is a good introduction for Matlab basics. You should view it in a text editor and not actually run it as an .m file to begin with. Additionally you can reach out to your TAs for additional resources.