

Subject: ECE 1111: Engineering Computation I (Fall 2024): HW #3 - Microsoft Excel

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You need to be familiar with Microsoft Excel. This is covered in your prerequisite coursework. Unfortunately, many students who enter this course don't know the basics of Excel. We will use Excel extensively to debug and test algorithms.

Please watch this lecture:

https://isip.piconepress.com/courses/temple/ece_1111/videos/2023_01_fall/lecture_40.mp4

The username and password are both "temple".

Make sure you are familiar with:

- the difference between absolute and relative references to cells
- multiple tabs
- the Goal Seek function
- pivot tables

The tutorial found here:

https://isip.piconepress.com/courses/temple/ece_1111/resources/tutorials/tips_ms_excel/

is a very simple example of some of the basic Excel concepts you will be responsible for.

There are plenty of online tools, including LinkedIn courses, that will teach you the basics of Excel in an hour or less. Take advantage of them.

One particular skill that will be important is plotting of data. You should be familiar with how to do xy plots, line plots, scatter plots, etc. There are many wonderful YouTube tutorials that will teach you these things.

-Joe