[ENGR 11: Learn MATLAB](http://www.appliedlinearalgebra.com/blog/for-students/welcome-to-engr-11)

[Class 4: Wednesday 1/13/2021](http://www.appliedlinearalgebra.com/blog/for-students/winter-2021-engr-11-resources)

Lecture: 10AM – 11:50AM

Lab: 12PM – 12:50PM

BEFORE CLASS:

* Get Zoom Set Up
* Get YouTube Live Stream Set Up (Unlisted Video)

DURING LECTURE:

* Book keeping:
* Class 4 Quiz: (MS Word .docx) or (Google Doc) on [Lesson 2, Part 1 Playlist: Create Arrays](https://youtube.com/playlist?list=PLSt7rwoPGTy3KzE0Xgsya5o2XfJNbZkFQ)
* After discussing Class 4 Material, students can choose the following:
  + Option 1: [Submit Lab 2](https://jeff-anderson-wru2.squarespace.com/s/Anderson_E11_Laboratory_2_Prompt_Draft3_20200103.pdf) (B-level task)
  + Option 2: [Mortgage Loan Calculator Problem](https://jeff-anderson-wru2.squarespace.com/s/E11_Mortgage_Loan_Calculator_Problem.pdf) (A-level task)
  + Option 3: [Start Lab 3](https://jeff-anderson-wru2.squarespace.com/s/Anderson_E11_Laboratory_3_Prompt_Draft1_20210113.pdf) (B-level task)
    - For example student work in lab 3, please visit our [ENGR 11 course homepage](http://www.appliedlinearalgebra.com/blog/for-students/welcome-to-engr-11). Scroll down to ENGR 11, Laboratory Resources section on that page. In the table, go to the row associated with LABORATORY 3: BEGIN BUILD YOUR GOALS WITH MATLAB. In that entry, items [C.1](https://jeff-anderson-wru2.squarespace.com/s/w20_engr11_Lab_3_Example_Submission_1.pdf), [C.2](https://jeff-anderson-wru2.squarespace.com/s/w20_engr11_Lab_3_Example_2.pdf), [C.3](https://jeff-anderson-wru2.squarespace.com/s/w20_engr11_Lab_3_Example_3_Submission.pdf), and [C.4](https://jeff-anderson-wru2.squarespace.com/s/w20_engr11_Lab_3_Example_4_Submission.pdf) give example work on Lab 3, Problems 1.D and 1.E from students who completed Engr 11 in winter 2020.

DURING LAB:

* Submit [Laboratory 2](https://jeff-anderson-wru2.squarespace.com/s/Anderson_E11_Laboratory_2_Prompt_Draft3_20200103.pdf) (Due on Wednesday 1/13/2021 at 12:50pm)
* Work on [Laboratory 3](https://jeff-anderson-wru2.squarespace.com/s/Anderson_E11_Laboratory_3_Prompt_Draft1_20210113.pdf) (Due on Wednesday 1/20/2021 at 12:50pm)

AFTER CLASS:

* Engage with material from [Lesson 2, Part 2 Playlist: Play with Arrays](https://www.youtube.com/playlist?list=PLSt7rwoPGTy1rVoiCXFU5fpB38Q7a7ISE)
* Prepare for Class 6 Quiz on Wednesday 1/20/2021 at 10AM on [Lesson 2, Part 2 Playlist](https://www.youtube.com/playlist?list=PLSt7rwoPGTy1rVoiCXFU5fpB38Q7a7ISE)
* NOTE: Monday 1/18/2021 is our [national Martin Luther King Jr. holiday](https://en.wikipedia.org/wiki/Martin_Luther_King_Jr._Day). No classes will be held at Foothill College on this day.

DISCUSSION POINT:

* If I’m going to be working at a company where I code as a living, I want to:
  1. Good communication skills -Alana
  2. How to learn stuff on my own when needed -Alana
  3. The ability to thoroughly explore what a problem means and how to solve it: to think deeply about how a problem can be solved and to execute it -Brenna
  4. Develop my own understanding. Find my own words to explain it simple. If you can’t explain it simple, that you don’t understand it. -Matt
  5. Capture our thoughts and problem solving process -Sri
  6. Develop strong systems for learning as a team (for teaching other people and for learning from other people in small teams)
* Nery language versus street knowledge
* How do grades work in this class?
  + B-Level tasks : how to get a B in this class
  + A-Level tasks : how to get an A in this class

JEFF’S LEARNING AND QUESTIONS FOR TODAY’S CLASS:

* Last time