IEEE Central Coast MATLAB Class - 18 March 2020 @ 5:30PM

Dr. Aycan Hacioglu of Mathworks Presents:
Data Analysis and Visualization with MATLAB for Beginners
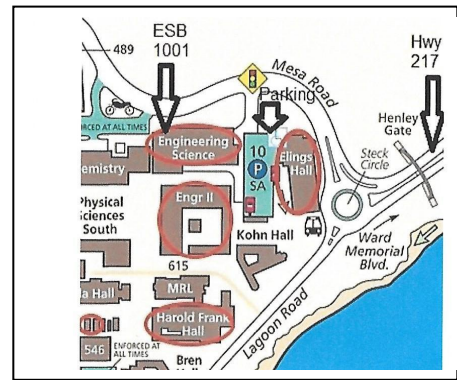
FREE EVENT - (parking $4)

Location – UCSB - Engineering & Science Bldg 1001
Parking Lot 10 - $4 credit card pass
Complimentary Pizza, Beverage, etc.

Please REGISTER for EVENT –

https://events.vtools.ieee.org/tego_/event/manage/223639

MATLAB Class

MATLAB is a programming environment for algorithm development, data analysis, visualization, and numerical computation. Using MATLAB, you can solve technical computing problems faster than with traditional programming languages, such as C, C++, and Fortran.

During this introductory technical seminar, we will provide an overview of MATLAB and introduce you to the powerful statistical analysis and visualization capabilities available in the MATLAB product family. We will demonstrate how to acquire, analyze and visualize data, introduce desktop tools for editing and debugging code, and show you how to publish your results.

Highlights include:

·   Accessing data from files, spreadsheets and other sources

·   Performing statistical analysis, curve and surface fitting routines

·   Developing algorithms and applications to automate your workflow

·   Generating reports in HTML and other file formats to share your work
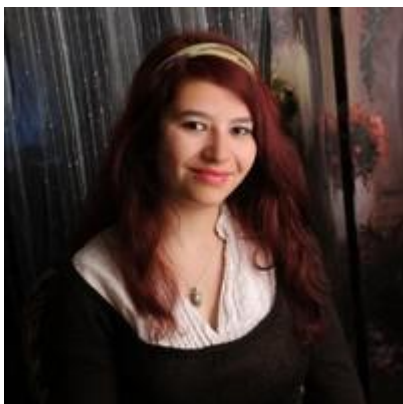
We will then wrap up with a hand on session, interactive MATLAB Onramp training. This will be followed by a short competition with winners getting exciting prizes!

Highlights

- MATLAB in academia and industry: 15 min
- MATLAB Onramp: 1 hr. 30 min

Before the event:

- Please create a free MathWorks.com account, and associate yourself with the University of California Santa Barbara license, https://www.mathworks.com/academia/tah-portal/university-california-santa-barbara-40469638.html
- Please bring a laptop/tablet with a modern web-browser and Wi-Fi connectivity (System Requirements).
- Optional: Download MATLAB on your local machine

Dr. Aycan Hacioglu is a Customer Success Engineer at MathWorks. She has a BS in Chemical Engineering from Bogazici University, TuAycan Hacioglurkey and a jointly awarded Ph.D. in Chemical Engineering from the University of Florida and Universite Lille1-Sciences and Technologies, France. Before joining MathWorks, she was an Assistant Teaching Professor at the Chemical Engineering Department of the University of Missouri for 3.5 years. She extensively used MATLAB for fluid dynamics and mass transfer simulations. She is experienced in mathematical modeling, process simulations, numerical methods and perturbation theory. She also integrated MATLAB to separation processes and transport phenomena courses she taught. She is excited to share her experience and passion to use MathWorks in academia