ECE 495 – 008 Advanced Topics in MATLAB

Mar 16 - May 09, 2015

Mondays and Fridays: 9:00 am - 11:30 am

3 Credit hour course

Need Help maintaining your lottery scholarship course hours?

Want to add a new skill set to your resume?

It's not too late, YOU can register by Mar 20, 2015

The Advanced MATLAB course is intended to provide additional programming experience beyond the basic skills learned in freshman engineering courses. The course focuses on developing the skills needed to develop applications in the areas of 1D & 2D signal processing, communications, controls, mechanical and structural analysis. The students will be asked to participate in a series of lead exercises. These will then be followed up with homework and projects that expand on the exercises.

Topic include

- Top down structured approach to problem solving
- How to write an efficient MATLAB script,
- How to use the MATLAB Debugging Environment,
- Mastering the use of MATLAB graphing and display features,
- When to use MATLAB,
- How to write simulations
- Visualization of data