



ECE 495 – 009 Advanced Topics in LabVIEW

Mar 16 - May 09, 2015

Mondays and Fridays:
11:30 am - 2:00 pm

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 LabVIEW 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 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. Topics covered in the class will include, when to use LabVIEW, how to write simulations and related probability and statistical theory,

Topics include

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

