

APPLIED MATHEMATICS SEMINAR
Department of Mathematics
State University of West Georgia
3:30 PM, MONDAY, OCTOBER 11, 2004, BOYD 205

Speaker: Dr. Michele Joyner, UWG
Title: **Fundamentals of Matlab with Applications**

Abstract.

This seminar is a hands-on tutorial for the versatile software Matlab. Matlab is a high-level technical computing language useful for data analysis and numerical computation. This seminar is designed for an audience interested in learning the basics about Matlab as well as some of its capabilities. The talk will begin with a basic tutorial on using Matlab: getting started, command lines, basic arithmetic, graphing, construction of m-files, etc. The talk will also give a step-by-step guide to some ways Matlab can be used in applications, including linear algebra applications, numerical solutions of ordinary differential equations, and others.

All faculty and students are welcome.