Lecture 1

Instructor Lecture and Matlab Demonstration:

Overview of course.

Daily schedule.


Commands: arrays, plot, function, matrices, whos, quit

Demos.

Student Matlab Computations:

Start Matlab.

Enter a 3x1 column vector. Plot the vector.

Enter a 3x3 matrix. Find its inverse matrix.

Explore the Demos.

Student Multiple Choice Questions:

1. The following command will graph a 10x1 vector, a:
   a. graph(a)
   b. mesh(a)
   c. plot(a)
   d. curve(a)
   e. view(a).

2. The following command may find the inverse of a 10x10 matrix, A:
   a. invert(A)
   b. matinv(A)
   c. inv(A)
   d. inverse(A)
   e. 1/A.

3. Go to moodle.wolfware.ncsu.edu, login, choose ma116 and answer the multiple choice questions.