Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ESCI7205 hw8

**Due Tu., Nov 26, 2013.**

1) Write a Fortran subroutine to multiply two matrices.

2) Write a Fortran subroutine to do Gaussian Elimination. Assume the equations have already been checked for the existence of the solution.