

Math 4457  
October 12, 2005

## Homework Assignment # 5

Exercises: 3.1.2 (*b,e,f*), 3.1.9, 3.1.25, 3.2.3, 3.2.5, 3.2.12, 3.2.19, 3.2.21, 3.2.33, 3.4.2, 3.4.7, 3.4.15, 3.4.22 (*ii,iii*), 3.4.23 (*iii*), 3.4.25, 3.5.1 (*a,d,e*), 3.5.2 (*c*), 3.5.6 (*b*).

**Due:** Wednesday, October 19

**Text:** P.J. Olver and C. Shakiban, *Applied Linear Algebra*, Prentice–Hall, Inc., Upper Saddle River, N.J., 2005.

**First Midterm:** Friday, October 28

Will cover chapters 1–3.

You will be allowed to use one 8" × 11" sheet of notes.