

Math 4457  
October 5, 2005

## Homework Assignment # 4

Exercises: 2.4.1 ( $b,c$ ), 2.4.2 ( $a,b,d$ ), 2.4.10, 2.4.14 ( $a$ ),  
2.4.19 ( $a-c$ ), 2.5.5 ( $a,d$ ), 2.5.9, 2.5.13, 2.5.21 ( $b,c$ ), 2.5.25 ( $d$ ),  
2.5.27 ( $c$ ), 2.5.31, 2.6.1 ( $d$ ), 2.6.3 ( $c$ ), 2.6.4 ( $c$ ), 2.6.7 ( $a$ ).

**Due:** Wednesday, October 12

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