## MATH 311 WINTER 2009 L02 ASSIGNMENT 1

Questions are from Linear Algebra and its Applications, David Lay, 3rd Edition, unless noted otherwise. Answers for the T-F questions in each section are included.

- $4.1 \ 1\text{-}23 \ \mathrm{odds}, \ 24 \ \mathrm{FFFTF} \ \mathrm{TTTFF}$
- $4.2\ 1, 3, 5, 7, 11, 15, 19, 23, 25, 26, 31, 33, 35\ \mathrm{TFTFTT}\ \mathrm{TTFTTT}$
- 4.3 1-15 odds, 19,21,22 FFTFF FTTFF
- 4.4 1,5,9,11,13 TFF TFT
- 4.5 1-19 odds, 20 TTFFT FFFFT
- 4.6 1-17 odds, 18 FFTFT FFTFT
- $4.7 \ 1$

Supplementary 1 TTFF TTFF TFFF TFTT FTTF

- 5.1 1-9 odds, 21,22 FTTTF FFTFT
- 5.2 1-13 odds,21,22 FFTF FFTF
- 5.3 1-27 odds,22 FTFF FFTF
- 5.4 1-31 odds
- $5.5\ 1,7,13,23,24$
- 6.1 1-19 odds,20,23,24,25,27 TTTFT TFTTT
- 6.2 1-27 odds, 24 TTFFF FFTTT
- 6.3 1-11 odds