Stat 252.01 Winter 2005
Assignment #10

This assignment is due at the beginning of class on **Monday, April 11, 2005**. You are encouraged
to form study groups and collaborate with others on this assignment. However, the final work
you submit must be your own. A piece of advice: *the assignments are worth very little in the
computation of your final grade. It is better to suffer through not understanding something now,
rather than copying from a friend just for the sake of completion. You will not have that luxury on
the exams.* YOUR ASSIGNMENT MUST BE STAPLED AND PROBLEM NUMBERS CLEARLY
LABELLED. UNSTAPLED ASSIGNMENTS WILL NOT BE ACCEPTED! DO NOT CROWD
YOUR WORK. DO NOT WRITE IN MULTIPLE COLUMNS. *Note that if there are answers in
the back of the book, then you need to be especially certain to explain your answer.*

1. Do the following exercise from Wackerly, et al.

- #9.30, page 433

- #9.34, page 433

- #9.36, page 434

- #9.37, page 434

2.

(a) Read the article *Mathematics of the Heavens* by Robert Osserman (Notices AMS, April 2005).

(b) Read the article *Microarray Data from a Statistician's Point of View* by Joanna Hardin
(STATS, Winter 2005).