

Schedule, Chapter 1
28 August 1998

MA113:004-006
Fall 1998

W 8/26 Introduction, §1.1
R 8/27 Problems §1.1, 1.3
F 8/28 §1.1 Functions, §1.2 New functions from old
M 8/31 §1.3, continued
T 9/1 Problems, §1.2
W 9/2 §1.4 parametric equations
R 9/3 Problems, §1.4
F 9/4 §1.4, continued, quiz §1.2
M 9/7 Holiday
T 9/8 Project, Hypocycloids, p. 55 Stewart
W 9/9 §1.5 Exponential functions
R 9/10 Problems, §1.5
F 9/11 §1.6, Inverse functions, logarithms
M 9/14 §1.6 continued
T 9/15 Problems, §1.6
W 9/16 Proof by induction p. 87 Stewart, Review of Trigonometry Appendix C
R 9/17 Problems, induction and trigonometry
F 9/18 Trig appendix C, continued, quiz 1.5 and 1.6, project due
M 9/21 Review
T 9/22 Review, test at night, 7:30-9:30 Room TBA

Homework #1 §1.1 #26, 48, 54, §1.2 #8, 34, 52. These problems should be written up carefully and handed in at 10am on Friday, 4 September.

In problem §1.2#52 you should give an example to show that a statement does not hold for all functions or verify that the definition holds to show that a statement does hold true for all functions.

There is a primitive web site for this course at www.ms.uky.edu/~rbrown/ma113. All handouts for this course will be available in postscript and \LaTeX source. \LaTeX files are intended to be run through a typesetting system to produce mathematical symbols, however, they consist of plain text and should be understandable.